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DEPARTMENT OF THE AIR FORCE

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HOLLOMAN AIR FORCE BASE, NEW MEXICO

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A. David Budak
Deputy Base Civil Engineer
550 Tabosa Avenue
Holloman AFB NM 88330-8458

New Mexico Environment Department
Attn: Mr. John Kieling
Hazardous Waste Bureau
2905 Rodeo Park Drive East, Building 1
Santa Fe NM 87105-6303

Dear New Mexico Environment Department

Holloman Air Force Base is pleased to submit the Final Accelerated Corrective Measures (ACM) Completion Report (OT-32& RW-42) for your review.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision according to a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

If you have any questions, please contact Mr. Brent Hunt of our Asset Management Flight at (575) 572-5395.

Sincerely

20121010

A. DAVID BUDAK, GS-14, DAFC

Attachment:
Final ACM Completion Report (OT-32& RW-42)

cc:

(w/Atch)	(w/o Atch)	(w/CD)
Mr. David Strasser	Mr. Will Moats	Mr. Chuck Hendrickson
Hazardous Waste Bureau	Hazardous Waste Bureau	USEPA, Region 6 (6PD-F)
5500 San Antonio Dr. NE	5500 San Antonio Dr. NE	1445 Ross Ave., Ste 1200
Albuquerque NM 87109-4127	Albuquerque NM 87109-4127	Dallas TX 75202-2750

FINAL
ACCELERATED CORRECTIVE MEASURES COMPLETION REPORT
SITES OT-32 and RW-42
HOLLOMAN AFB, NEW MEXICO

Prepared For:

49 CES/CEAN
Holloman Air Force Base
New Mexico

Under Contract To:

U.S. Army Corps of Engineers
Omaha District
Omaha, Nebraska

Contract No. W9128F-11-D-0029
Task Order 002
Project Number 9110161.01.080

September 2012

Holloman Air Force Base

FINAL

ACCELERATED CORRECTIVE MEASURES COMPLETION REPORT

SITES OT-32 AND RW-42 HOLLOMAN AIR FORCE BASE NEW MEXICO

Prepared for:
49 CES/CEAN
Holloman Air Force Base
New Mexico

Prepared by:
Bhate Environmental Associates, Inc.
1608 13th Avenue South, Suite 300
Birmingham, Alabama 35205

Under Contract to:
NationView, LLC
1608 13th Avenue South, Suite 160
Birmingham, Alabama 35205

Under Contract to:
U.S. Army Corps of Engineers
Omaha District
Omaha, Nebraska
Contract No.: W9128F-11-D-0029
Task Order 002

Bhate Project No.: 9110161.01.080

September 2012

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FINAL

ACCELERATED CORRECTIVE MEASURES COMPLETION REPORT

SITES OT-32 AND RW-42 HOLLOMAN AIR FORCE BASE NEW MEXICO

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C Monitoring Well Development Forms and Monitoring Well Sample Collection Forms
D Analytical Data Packages (Provided on Enclosed CD)
E Data Validation Reports

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LIST OF ACRONYMS

AAF	Army Air Field
ACM	Accelerated Corrective Measures
amsl	Above mean sea level
AOC	Area of Concern
ASTM	American Society for Testing and Materials
bgs	Below ground surface
Bhate	Bhate Environmental Associates, Inc.
°C	Degrees Celsius
CCB	Continuing calibration blank
CCV	Continuing calibration verification
CES/CEAN	Civil Engineering Squadron/Environmental Asset Management Flight
CME	Central Mine Equipment Company
COPC	Chemical of Potential Concern
1,1-DCE	1,1-Dichloroethene
%D	Percent difference
DPT	Direct Push Technology
DRO	Diesel Range Organics
ERP	Environmental Restoration Program
°F	Degrees Fahrenheit
ft	Feet or foot
FWENC	Foster Wheeler Environmental Corporation
GPS	Global Positioning System
GRO	Gasoline Range Organics
HAFB	Holloman Air Force Base
HHMSSL	Human Health Medium Specific Screening Level
IDW	Investigation Derived Waste
IRP	Installation Restoration Program
J	Data Qualifier (denotes an estimated value)
LCS	Laboratory Control Sample
MCL	Maximum Contaminant Level
MDL	Method detection limit
µg/kg	Micrograms per kilogram
µg/L	Micrograms per liter
mg/kg	Milligrams per kilogram
mg/L	Milligrams per liter
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NAVD	North American Vertical Datum
NFA	No Further Action
NMAC	New Mexico Administrative Code
NMED	New Mexico Environment Department
NMWQCC	New Mexico Water Quality Control Commission
NMWRRS	New Mexico Water Rights Reporting System

OD	Outer Diameter
ORO	Oil Range Organics
PA	Preliminary Assessment
pCi/g	Picocuries per gram
pCi/L	Picocuries per liter
PID	Photoionization detector
PRG	Preliminary Remediation Goal
PRI	Primate Research Institute
PVC	Polyvinyl chloride
Q	Data Qualifier (denotes elevated reporting limit)
QAPP	Quality Assurance Project Plan
QA/QC	Quality Assurance/Quality Control
RBC	Risk Based Concentration
RCRA	Resource Conservation Recovery Act
RFA	RCRA Facility Assessment
RFI	RCRA Facility Investigation
RI	Remedial Investigation
RL	Reporting Limit
RPD	Relative Percent Difference
RSL	Regional Screening Level
SOP	Standard Operating Procedure
SSL	Soil Screening Levels
STL	Severn Trent Laboratories
SVOC	Semi-Volatile Organic Compound
SWMU	Solid Waste Management Unit
TAL	Target Analyte List
TDS	Total Dissolved Solids
TOX	Total Organic Halogens
TPH	Total Petroleum Hydrocarbons
U	Data Qualifier (denotes less than sample detection limit)
UJ	Data Qualifier (denotes an estimated non detected value)
USACE	United States Army Corps of Engineers
USCS	Unified Soil Classification System
USDA	United States Department of Agriculture
USEPA	United States Environmental Protection Agency
UTL	Upper Tolerance Limit
VOC	Volatile Organic Compound
WRCC	Western Regional Climate Center

1 INTRODUCTION

Bhate Environmental Associates, Inc. (Bhate) is working under subcontract 07-0001, Task Order 62 to NationView, LLC, who was retained by the U.S. Army Corps of Engineers (USACE), under contract W9128F-11-D-0029, Task Order 2 to prepare this Accelerated Corrective Measures (ACM) Completion Report for investigations conducted at the Primate Research Lab Sewer Line (Environmental Restoration Program [ERP] Site OT-32) and the Radioactive Waste Disposal Area (ERP Site RW-42), Holloman Air Force Base (HAFB), New Mexico. This report presents the results of the OT-32 and RW-42 investigations conducted by Bhate between June 10 and July 24, 2007. Sites OT-32 (Area of Concern [AOC] PRI-A) and RW-42 (Solid Waste Management Unit [SWMU) 111] are listed in Table A of the HAFB Hazardous Waste Facility Permit (No. NM6572124422), Appendix 4-A (New Mexico Environment Department [NMED], 2005), which requires sites to be investigated and undergo corrective action if warranted.

The OT-32 and RW-42 ACM investigations were conducted in accordance with the NMED approved *Final Accelerated Corrective Measures Work Plan Multiple Sites, Holloman Air Force Base, New Mexico* (Bhate, 2007). The Multiple Sites Work Plan (Bhate, 2007) was revised to include additional investigation requirements outlined by the NMED in correspondence dated March 30, 2007 (NMED, 2007a), and was approved by the NMED on April 24, 2007 (NMED, 2007b) (Attachment A). The preparation and submittal of this ACM Report was substantially delayed at the request of the NMED until the background levels for naturally occurring constituents (e.g., metals) at HAFB could be finalized (NMED, 2011).

1.1 ACM Objectives

The primary objectives of the OT-32 and RW-42 ACM investigations were to review available information, collect soil and groundwater data to fill data gaps and determine if a site specific hazardous source area is present at each site. In the event that a hazardous source area was identified (soil containing chemicals and/or metals above the NMED soil screening levels), the secondary objective was to remove, through excavation and properly dispose of the contaminated soil.

This report presents the nature and extent of the soil and groundwater contamination (if present), and the conclusions and recommendations for two of the nine sites requiring further investigation and/or source removal that were included in the *Final Accelerated Corrective Measures Work Plan* (Bhate, 2007). The remaining seven sites (OT-03, SS-12, SS-18, OT-20, OT-37, OT-38, and OT-45) will be evaluated in separate completion reports.

The ultimate objective is to achieve No Further Action (NFA) approval for site closure from NMED. The conclusion of the document requests that NMED issue a NFA for Sites OT-32 and RW-42 based upon Criterion #5 (Appendix 4-B HAFB *Hazardous Waste Facility Permit No. NM6572124422*, NMED, 2004a) which states:

> *"The site was characterized or remediated in accordance with applicable state and/or federal regulations, and the available data indicate that contaminants pose an acceptable level of risk under current and projected future land use."*

1.2 Scope of Work

The following summary of the work performed at Sites OT-32 and RW-42 under this ACM is detailed in the *Final Accelerated Corrective Measures Work Plan, Multiple Sites, Holloman AFB, New Mexico* (Bhate, 2007) and included:

- Review existing information about the site;
- Conduct a site and environs reconnaissance;
- Collect subsurface soil and groundwater data;
- Identify potential receptors (if a source area is identified); and
- Evaluate all information collected.

To meet the ACM objectives, the following site specific activities were performed at Sites OT-32 and RW-42.

- OT-32:
    - Twelve soil borings (OT32-SB01 through OT32-SB12) were drilled along the sewer line that connects with the former Base Primate Research Institute.
    - Two samples were collected from each borehole (24 total) for chemical analysis.
    - Two undisturbed soil samples were collected for analyzing geotechnical parameters (from boreholes OT32-SB03 and OT32-SB08).
    - Each borehole was converted to a temporary monitoring well (OT32-TMW01 through OT32-TMW12) and groundwater samples were collected from each well.
- RW-42**:**
    - Four direct push technology (DPT) soil borings (RW42-DP01 through RW42-DP04) were advanced around the perimeter of the concrete burial cylinder (reportedly containing primate carcasses).
    - Three samples were collected from each borehole (12 total) for chemical analysis.
    - Three deep soil borings were drilled for the installation and sampling of one upgradient and two downgradient groundwater monitoring wells (RW42-MW01 through RW42-MW03).
    - Two undisturbed soil samples were collected for geotechnical analysis (from the RW42-MW02 soil boring).

Groundwater and soil samples collected at each site were analyzed for the following:

- Volatile Organic Compounds (VOCs) using U.S. Environmental Protection Agency

(USEPA) Method 8260B
- Semi-Volatile Organic Compounds (SVOCs) using USEPA Method 8270C
- Total Petroleum Hydrocarbons (TPH) using USEPA method 8015B (soil only)
- Target Analyte List (TAL) Metals using USEPA Methods 6010B and 7471A/7470A
- Tritium using USEPA Method 906.0 MOD
- Total Dissolved Solids (TDS) using USEPA Method 160.1 (groundwater only)

Two geotechnical samples were collected and analyzed at each site for the following:

- Moisture Content using USEPA Method 160.3
- Dry Bulk Density using American Society for Testing and Materials (ASTM) Method D2937-94 M
- Specific Gravity using ASTM Method 1429
- Fractional Organic Carbon Content using ASTM Method D2974-87

1.3 Document Organization

This ACM Completion Report has been modeled after the format suggested in the Resource Conservation Recovery Act (RCRA) Facility Investigation (RFI) Report Requirements found in the HAFB RCRA Permit NM6572124422 (Appendix 4-B of the Permit [NMED, 2004a]). The document contains the following 9 sections:

- Section 1 – Introduction
- Section 2 – Site Background
- Section 3 – Environmental Setting
- Section 4 – Source Characterization
- Section 5 – Field Activities
- Section 6 – Laboratory Analysis and Data Validation Summary
- Section 7 – Nature and Extent of Contamination
- Section 8 – Conclusions and Recommendations
- Section 9 – References

The tables and figures referenced throughout this ACM Completion Report are included following the text (after Section 9).

This report also includes the following attachments and appendices:

- Attachment A – NMED Correspondence
- Appendix A – Historical Data From Previous Investigations
- Appendix B – Soil Boring Logs and Monitoring Well Construction Diagrams
- Appendix C – Monitoring Well Development Forms and Monitoring Well Sampling Forms
- Appendix D – Analytical Data Packages (Provided on Enclosed CD)
- Appendix E – Data Validation Reports

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2 SITE BACKGROUND

Since 1983, the two sites (OT-32 and RW-42) addressed in this ACM Completion Report have been the subject of several investigations related to evaluating potential hazardous waste releases. This section provides the site background and overview of the previous investigations conducted at these sites from 1983 through 1992. Most of the historical site-specific information presented in this section was obtained from the following historical reports:

- *Installation Restoration Program Records Search for Holloman Air Force Base, New Mexico,* CH2M Hill, August 1983.
- *Installation Restoration Program, Phase II – Confirmation/Quantification Stage 1 Report (April 1984 to March 1985) for Holloman Air Force Base, New Mexico 88330,* Dames & Moore, March 6, 1987.
- *Draft Final Remedial Investigation (RI) Report Investigation, Study and Recommendation for 29 Waste Sites, Holloman Air Force Base, NM,* Radian Corporation. June 1992.

The analytical results and sample locations for the surface soil and subsurface soil samples collected during the previous investigations for sites OT-32 and RW-42 are included in Appendix A.

2.1 HAFB Facility Description and Operational History

HAFB is located in south central New Mexico, in the northwest central part of Otero County, approximately 75 miles north-northeast of El Paso, Texas (Figure 2-1). HAFB has a population of 6,000 and occupies approximately 59,600 acres in the northeast quarter of Section 1, Township 17 South, and Range 8 East. The White Sands Missile Range testing facilities occupy additional land extending northward from the Base. Private and public owned lands border the remainder of HAFB. The major highway servicing HAFB is Highway 70, which runs southwest from the town of Alamogordo and separates HAFB from publicly owned lands to the south. Alamogordo is the county seat for Otero County, has a population of approximately 35,000 and is located approximately 7 miles east of the base. The economy of Alamogordo depends largely upon HAFB and other military installations in the area.

HAFB was first established in 1942 as Alamogordo Army Air Field (AAF). From 1942 through 1945, Alamogordo AAF served as the training grounds for over 20 different flight groups, flying primarily B-17s, B-24s, and B-29s. After World War II, most operations had ceased at the base. In 1947, Air Material Command announced the air field would be its primary site for the testing and development of un-manned aircraft, guided missiles, and other research programs. On January 13, 1948, the Alamogordo installation was renamed Holloman Air Force Base, in honor of the late Col. George V. Holloman; a pioneer in guided missile research. The facility mission remained largely unchanged until 1971, although the facility identification changed several times during the 20-year span: Air Force Missile Test Center (1951-1952), Holloman Air Development

Center (1952-1957), and Air Force Missile Development Center (1957-1971). The Tactical Air Command operated the facility from 1972 to 1992 and housed the 49th Tactical Fighter Wing, 479th Tactical Training Wing, 833rd Air Division, and 4449th Mobile Support Squadron. In 1992, HAFB was realigned under the Air Combat Command and also serves as the German Air Force's Tactical Training Center.

2.2 OT-32 Collapsed Former Primate Research Area Sewer Lines

2.2.1 Site Description and Background

This site is an AOC and is listed on Table A of the HAFB RCRA Permit as PRI-A, Primate Research Lab Sewer Line. The former Primate Research Institute (Buildings 1200 through 1208) is located on Douglas Road near the intersection with Vandergrift Road, approximately two miles north of the Main Base Area (Figure 2-2). The Primate Research Institute (PRI) has been relocated in a new facility located approximately one mile north of Douglas Road.

It was reported that approximately 3,000 to 4,000 feet of sewer line leading from the former PRI were suspected of being corroded, with certain portions thought to be totally collapsed during the early 1960s until the late 1970s. In 1981, a segment of the sewer line from the former Primate Research Lab was repaired. Figure 2-3 shows the approximate location of the sewer line that was repaired in 1981. During the period when the sewer lines were badly corroded/collapsed, small quantities of carbon-14, iodine-125, tritium tracers, and solvents may have entered the lines at the research center and are suspected to have leaked into the subsurface at the collapsed section. Based on interviews conducted by Bhate personnel in 2006 with the HAFB Utility Manager, another sewer line collapse occurred in the early 1990s. This collapsed segment of sewer line was located along the main north-south line approximately 500 to 1,000 feet (ft) south of the sewer line that connects with the former Primate Research Area. Figure 2-3 also shows the approximate location of the segment of sewer line that collapsed in the early 1990s. It was reported (during the 2006 interviews) that a 20 ft by 40 ft by 16 ft deep pit was dug in the early 1990s which received sewage waste for one year prior to repairing the sewer line. The quantities of solvents and radioactive tracers used by the former Primate Research Area was reportedly small, however, no specific information was available as to the amounts of these that could have entered the shallow groundwater (CH_2M Hill, 1983).

2.2.2 Previous Investigations

An Installation Restoration Program (IRP) Records Search for Site OT-32 was conducted by CH_2M Hill in 1982 (CH_2M Hill, 1983). Information from the OT-32 record search is included in Appendix A-1-1. The site was not considered to present a significant risk and further investigation of the site was not recommended at that time.

A Phase II, Stage 1 investigation was conducted at Site OT-32 in September 1984 by Dames & Moore (Dames & Moore, 1987). As shown on Figure 11 in Appendix A-1-2, four soil borings (32B-1 through 32B-4) were drilled along the sewer line approximately 1.5 miles southwest of

where the corroded/collapsed sewer line was identified during the *IRP Records Search*. Eight soil samples were collected and analyzed for oil and grease, total organic halogens (TOX), tritium, and carbon-14. The majority of the samples were below the detection limits for these parameters. Carbon-14 was detected in only one sample at a concentration of 240 ± 194 picocuries per gram (pCi/g). The analytical results and sample locations for the subsurface soil samples collected during the OT-32 Phase II Stage 1 Investigation (Dames & Moore, 1987) are included in Appendix A-1-2.

Based on the site description and location presented in the *Installation Restoration Program Phase II – Confirmation/Quantification Stage 1 Report* (Dames and Moore, 1987 [see Figure 2 in Appendix A-1-2]), the Phase II investigation for OT-32 was conducted at the wrong location. The Records Search and interviews conducted by Bhate personnel in 2006 with Charles Price Jr. (Manager of the HAFB Utilities Group) indicate that the segment of corroded/collapsed sewer line (Site OT-32) was actually located approximately 0.25 miles southwest of the former Primate Research Institute (Buildings 1200 through 1208). The original OT-32 site location as identified in the IRP Records Search (CH_2M Hill, 1983) on Figure 1 of Appendix A-1-1 verifies the actual location of the collapsed sewer line. Misidentification of the source area (corroded/collapsed sewer line) would explain the lack of significant data from the Phase II investigation. As the soil samples collected during the Phase II investigation were collected from the wrong location, the data from this investigation will not be discussed further.

2.3 RW-42 Radioactive Waste Burial Site

2.3.1 Site Description and Background

This site is a Solid Waste Management Unit and is listed on Table A of the HAFB RCRA Permit as the Radioactive Waste Disposal Area, SWMU 111. Site RW-42 is located approximately 6.5 miles north of the Main base Area (Figure 2-2). The site is located east of Range Road 9 and south of Hay Draw in the undeveloped northeastern area of HAFB. The Radioactive Waste Disposal Area is in a secluded area on flat terrain that gently slopes to the southwest. The site consists of a buried concrete cylinder surrounded by a three-stand barbed wire fence (80 ft x 60 ft x 4 ft) with a three stand gate on a moveable fence post. Warning signs indicating radioactive waste disposal are posted 10 ft outside each side of the fence (Radian, 1992).

RW-42 was created in the 1950s by the U.S. Air Force to bury radioactive waste in accordance with Technical Order TO-00-110A-1. The buried concrete cylinder contains unknown quantities of wastes. Suspected wastes include animal carcasses containing low-level radioactivity and contaminated pharmaceutical supplies (lab gowns, syringes etc.). Former Air Force personnel present during the internment operation described the vault to be a concrete cylinder approximately 10 ft in length and 5.5 ft in diameter with an opening 8 ft long and 1.5 ft in diameter. The cylinder is buried at a depth of 2 to 4 ft below ground surface (bgs) with a concrete cover (3 ft by 3 ft, 4 inches thick) to indicate the exact location (Radian, 1992). Figure 2-4 shows the layout of Site RW-42.

2.3.2 Previous Investigations

Site RW-42 (SWMU 111) was initially investigated during the RCRA Facility Assessment (RFA) Preliminary Review/Visual Site Inspection performed by A.T. Kearney, Inc. in August 1988. The report for this study recommended further investigation and that subsurface soil sampling should be conducted to determine whether hazardous constituents had been released (A.T. Kearney, 1988). During the Investigation of 29 Waste Sites (Radian, 1992), a Preliminary Assessment (PA) was conducted for the Radioactive Waste Burial Site (Site RW-42). The RW-42 PA was subsequently included with the 29 Waste Sites Remedial Investigation. The scope of the PA included a review of the available file information, a site reconnaissance, and comprehensive receptor identification. The following information from the Site 42 PA was included in the *Draft Final Remedial Investigation (RI) Report Investigation, Study and Recommendation for 29 Waste Sites* (Radian, 1992).

Periodic monitoring (including soil samples and surface readings) conducted by HAFB's Bioenvironmental Engineering department has shown normal background levels of radioactivity for the site. Surface soil samples were collected by Bioenvironmental Engineering in February 1990. The results indicated no significant differences between background radioactivity levels of the soil taken approximately 100 ft southwest of the site and levels found in the soil taken 8 ft southeast of the concrete pad locating the burial site. During Radian's site reconnaissance in February 1991, measurements were taken using portable alpha and beta/gamma detectors. The results again indicated background radioactivity levels supporting the previous sampling results. The PA determined that radioactivity levels at the site are within background levels and that there had been no release to the groundwater, surface water, or air and recommended no further action. The sampling results from 1990 and information from the Preliminary Review/Visual Site Inspection (1988) and Preliminary Assessment (1992) are included in Appendix A-2.

2.4 Applicable Screening Criteria

Analytical data obtained during the OT-32 and RW-42 ACM investigations were evaluated against the applicable regulatory screening criteria specified in Appendix 4-F *Action Levels and Cleanup Levels* of the HAFB Hazardous Waste Permit No. NM6572124422 (NMED, 2004b). Soil and groundwater data evaluation consisted of a direct comparison to the applicable action level screening criteria. The applicable screening criteria are presented on the ACM Report analytical data summary tables for the analytes and media of concern. The following sections present the regulatory criteria that were used to evaluate analytical data generated from this investigation.

2.4.1 Soils

2.4.1.1 VOCs, SVOCs, and TAL Metals

The NMED residential soil screening levels (SSL) established in Appendix A, Table A-1 of the *Risk Assessment Guidance for Site Investigations and Remediation* (NMED, 2012) were used as the primary action levels for VOCs, SVOCs, and TAL metals. As per the HAFB Permit, Appendix 4-F V.1 (NMED, 2004b) if a NMED soil cleanup level has not been established for a

particular chemical of potential concern (COPC) (e.g. 2-methylnapthalene) that constituent was compared to the USEPA Region 6 Human Health Medium Specific Screening Level (HHMSSL). It should be noted that, under an Interagency Agreement as an update of the USEPA Region 3 Risk Based Concentration (RBC) Table, Region 6 HHMSSL Table, and the Region 9 Preliminary Remediation Goal (PRG) Table; the Region 6 HHMSSLs have been combined into the Regional Screening Level (RSL) Table (USEPA, 2012). Additionally, all detected RCRA metals were compared to their respective NMED approved HAFB Background Levels (NMED, 2011).

2.4.1.2 Total Petroleum Hydrocarbons

The TPH Screening Guidelines for soil are established in Table 6-3 of the *Risk Assessment Guidance for Site Investigations and Remediation* (NMED, 2012). The TPH screening guideline (residential direct exposure), for Diesel #2/crankcase oil (1,000 milligrams per kilogram [mg/kg]) (NMED, 2012) was used as the action level for TPH concentrations (combined gasoline range organics [GRO], diesel range organics [DRO], and oil range organics [ORO]).

2.4.1.3 Radionuclides

The NMED has not established soil cleanup levels for radionuclides in environmental media. As per the HAFB Hazardous Waste Facility Permit No. NM6572124422, Appendix 4-F Section V.1.3 (NMED, 2004b), Appendix A of USEPA's *Soil Screening Guidance for Radionuclides: Technical Background Document* (USEPA, 2000) will be used for determining if soil has been impacted by radiological contamination. Specifically, Table A.1 (USEPA, 2000) provides generic SSLs for 60 radionuclides in units of pCi/g. The values listed in the "Inhalation of Fugitive Dust" column of Table A.1 assume that no decay, dilution, or attenuation of contaminants will occur and have been developed assuming future residential land and related exposure scenarios; thus offering the most conservative values for these contaminants.

Suspected radionuclide wastes at Sites OT-32 (Primate Research Lab Sewer Line) and RW-42 (Radioactive Waste Disposal Area [concrete vault containing primate carcasses which had been injected with low-level radionuclides]) include iodine-125, carbon-14, and tritium tracers used for primate experimentation. Due to the short half-life of iodine-125 (60 days) and that carbon-14 is naturally occurring and is not a carcinogen; tritium is the only radionuclide of potential concern at sites OT-32 and RW-42.

2.4.2 Groundwater

2.4.2.1 VOCs, SVOCs, and TAL Metals

There are two applicable standards for groundwater: the New Mexico Water Quality Control Commission (NMWQCC) groundwater standards for contaminants (New Mexico Administrative Code [NMAC], 20.6.2.3103) and the USEPA's *National Primary Drinking Water Regulations* (USEPA, 2009) Maximum Contaminant Levels (MCL). The lower of the two standards are used as action levels for VOCs, SVOCs, and RCRA TAL metals detected in groundwater.

Additionally, all detected TAL metals were compared to their respective NMED approved HAFB Background Levels (NMED, 2011).

2.4.2.2 Radionuclides

The NMED has not established groundwater cleanup standards for radionuclides in environmental media. As per the HAFB Hazardous Waste Facility Permit No. NM6572124422, Appendix 4-F, Section III.1.1 (NMED, 2004b) radionuclide concentrations detected in groundwater will be compared to the generic screening levels specified in Table 2.3 *Radionuclide Drinking Water MCLs* of USEPA's *Soil Screening Guidance for Radionuclides: Technical Background Document* (USEPA, 2000).

2.4.2.3 Total Dissolved Solids

There are two applicable standards for TDS detected in groundwater: NMWQCC groundwater standards for contaminants (NMAC 20.6.2.3103) and the USEPA's *National Priority Drinking Water Regulations* Secondary MCLs (USEPA, 2009).

3 ENVIRONMENTAL SETTING

The following subsections present the environmental setting. This information was obtained primarily from the *Draft Final Remedial Investigation (RI) Report Investigation, Study and Recommendation for 29 Waste Sites* (Radian, 1992), unless cited otherwise.

3.1 Physiography and Topography

HAFB is located within the Sacramento Mountains Physiographic Province. HAFB is approximately 59,600 acres in area, and is located at a mean elevation of 4,093 ft above mean sea level (amsl). The region is characterized by high tablelands with rolling summit plains; cuesta-formed mountains dipping eastward and of west-facing escarpments with the wide bracketed basin forming the basin and range complex. The Base is located within the Tularosa Basin, which is part of a 170 mile long structural depression. The basin is bounded on the south by a low topographic divide near the Texas state line; on the west (about 30 miles) by the uplifted Organ, San Andres and Oscura Mountains; on the north by Chupadera Mesa; and on the east (about 10 miles) by the uplifted Jicarilla and Sacramento Mountains. The surrounding mountains rise abruptly to altitudes of 7,000 to 12,000 ft amsl. At its widest, the basin is about 60 miles east to west and stretches approximately 150 miles north to south.

The Tularosa Basin is a closed basin which contains all of the surface flow within its boundaries. Surface runoff from the surrounding mountains has deposited alluvial fans on the interior of the plain. Around the base, the ground surface is undulating comprised of alluvial fan deposits, eolian dunes, and flat bottomed playas (pan shaped depressions carved by wind erosion). To the west of the Base lie the gypsum sand dune fields of the White Sands National Monument. A topographic map of the base is provided as Figure 3-1.

3.2 Surface Water and Hydrology

Within the boundaries of the Base, surface water runoff is controlled by several arroyos which trend to the southwest (Figure 3-2). Because of the high net evaporation of rainfall, there are no natural perennial streams within the boundary of HAFB. Intermittent streams and arroyos in the basin lowlands are important only during infrequent periods of heavy rainfall. The Tularosa Basin contains all of the surface flow within its boundaries. The nearest inflow of surface waters to the Base comes from the Lost River Drainage Basin, located in the north-central region of the Base. The Lost River Drainage Basin is the main drainage area within the boundaries of HAFB (Figure 3-2).

HAFB is dissected by several other southwest trending arroyos which control the surface drainage. Hay Draw arroyo is located in the far north. Malone and Rita's Draw, which drain into the Lost River, and Dillard Draw arroyos are located along the eastern perimeter of the Base (Figure 3-2). Approximately 10,000 years ago, indications are of a much wetter climate. The present day Lake Otero encompassed a much larger area, possibly upwards of several hundred square miles. Its remains are the Alkali Flat and Lake Lucero. Lake Lucero is a temporary feature of merely a few inches in depth during the rainy season.

Potable water is available from municipal wells along the margins of the basin with more saline water towards the center. The principal sources of potable water are located in a long narrow north-south trending area on the upslope sides of Tularosa and Alamogordo and in the far southern part of the basin. HAFB is also supplied potable water from Lake Bonito, which is in the Pecos River Basin.

3.3 Regional Geology

The Tularosa Basin is the easternmost extension of the Basin and Range Province of the western United States. The Basin and Range was created by Cenozoic extensional (normal) faulting of Precambrian- through Tertiary-age sedimentary and igneous rocks. The basin is a graben, or downthrown block, bounded by the upthrown fault blocks of the San Andres and Sacramento Mountains.

During the Permian period of the Paleozoic era (approximately 270 million years ago), southern New Mexico was covered by a shallow sea. Limestone and sandstone were deposited, forming thick sedimentary units. Toward the end of the Mesozoic era (approximately 70 million years ago), the major mountain building activities which formed the Rocky Mountains took place. During these events, southern New Mexico emerged from the ocean as the earth's crust upwarped gently in this region. During the Cenozoic era (beginning approximately 70 million years ago), basin and range formation was initiated in what is now the southwestern United States. Approximately 10 million years ago, Cenozoic faulting formed the graben structure known as the Tularosa Basin. During this process, arched portions of rock collapsed between large-scale, north-south trending faults. The Tularosa Basin is a central downthrown area, bounded on the east and west by fault block mountains. Bedded Permian strata can be seen along the faces of the Sacramento and San Andres Mountains. Permian limestones also occur west of HAFB in a low bedrock outcrop near Hurtz Spring. In the millions of years following, rainfall, snowmelt, and wind eroded the mountain sediments depositing them in the valley (i.e. Tularosa Basin). Water carrying eroded limestone, dolomite, gravel, and other matter continue to flow into the basin. A generalized cross-section of the Tularosa Basin is shown on Figure 3-3.

As the Tularosa Basin is a bolson, which is a basin with no surface drainage outlet, sediments carried by surface water into a closed basin are bolson deposits. The overlying alluvium generally consists of unconsolidated gravels, sands, and clays. The bolson sediments within the Tularosa Basin are derived from the adjacent ranges as erosional deposits of limestone, dolomite, and gypsum. Coarser material is deposited at the base of the mountains while finer material is carrier to the basin's interior. The bolson fill deposits thin out from Alamogordo to less than 100 ft near Hurtz Spring. Bolson fill deposits are 8,000 ft thick or more in the central portion of the Tularosa Basin.

Near-surface geologic conditions at HAFB have been established during this and numerous other ERP investigations. The near-surface bolsom deposits at HAFB consist of sediments that are alluvial, eolian, and lacustrine in origin. The alluvial fan deposits are laterally discontinuous units of interbedded sand, silt, and clay while the eolian deposits consist primarily of gypsum sands. The eolian and alluvial deposits are usually indistinguishable because the wind simultaneously reworks alluvial fan sediments and deposits gypsum sands resulting in an

intermingling of the two sediment types. The playa, or lacustrine deposits, consist of medium to high plastic clay containing gypsum crystals and are contiguous with the alluvial fan and eolian deposits throughout HAFB. There has been the identification of stiff caliche layers, varying in thickness, at different areas of the Base. A generalized near surface cross-section for HAFB is shown in Figure 3-4.

3.4 Soils

The United States Department of Agriculture (USDA) Soil Conservation Service has identified two soil associations in the vicinity of HAFB; the Holloman-Gypsum Land-Yesum complex, and the Mead silty clay loam. The permeability of these horizons ranges from $4x10^{-4}$ to $1\ x10^{-3}$ centimeters per second. The distribution of soils in the vicinity of HAFB is depicted on Figure 3-5 (USDA, 1981).

The Holloman-Gypsum land-Yesum complex, 0 to 5 percent slopes soil consists of large areas of shallow and deep, well drained soils and areas of exposed gypsum. The Holloman soil makes up about 35 percent of the complex. Typically, the surface layer is light brown very fine sandy loam about 3 inches thick. The upper 13 inches of the substratum is pink very fine sandy loam which is very high in gypsum. Below that, the substratum is white gypsum to a depth of more than 60 inches. This soil is calcareous and mildly alkaline to moderately alkaline throughout. Permeability is moderate, and available water capacity is very low.

Gypsum land makes up about 30 percent of the Holloman-Gypsum land-Yesum complex, 0 to 5 percent slopes. Typically, less than 1 inch of very fine sandy loam overlies soft to hard, white gypsum. The deep Yesum very fine sandy loam makes up about 20 percent of the complex. Typically, the surface layer is light brown very fine sandy loam about 3 inches thick. The upper 9 inches of the substratum is light brown fine sandy loam which is very high in gypsum. Below that, the substratum is pink very fine sandy loam to a depth of more than 60 inches. The soil is calcareous throughout and is mildly alkaline. Permeability is moderate, and available water capacity is moderate. Many fine gypsum crystals are found throughout the profile.

The soil type located across the main drainage area for the installation is Mead silty clay loam, 0 to 1 percent slopes. This deep, poorly drained, nearly level soil is on outer fringes of alluvial fans. This soil formed in fine textured alluvium over lacustrine lake sediment. It is very high in salt content because of periodic flooding and poor drainage. Slopes are smooth and concave. Typically, the surface layer is reddish brown silty clay loam and clay loam about 5 inches thick. The substratum, to a depth of 48 inches, is light reddish brown clay which has a high content of salts. Below that, the substratum is lacustrine material of variable texture and color to a depth of more than 60 inches. Included with this soil are areas of Holloman soils and Gypsum land along the margins of the unit of steep, short gully sides and knolls. These inclusions make up about 15 percent of the map unit for this soil type. Individual areas are generally smaller than 10 acres. This soil is moderately calcareous throughout and is moderately to strongly alkaline. It has a layer of salt which is more soluble than gypsum. Permeability is very slow, and available water capacity is low.

3.5 Regional Hydrogeology

Groundwater occurs as an unconfined aquifer in the unconsolidated deposits of the central basin, with the primary source of recharge as rainfall percolation and minor amounts of stream run-off along the western edge of the Sacramento Mountains. Surface water/rainfall migrates downward into the alluvial sediments at the edge of the shallow aquifer near the ranges, and flows downgradient through progressively finer-grained sediments towards the central basin. Because the Tularosa Basin is a closed system, water that enters the area only leaves either through evaporation or percolation. This elevated amount of percolation results in a fairly high water table. Beneath HAFB, groundwater ranges from 5 to 50 ft bgs. Flow for the Base is generally towards the southwest with localized influences from the variations in the topography of the Base. In the northern and western portions of the Base, groundwater flows more to the west toward the Ritas Draw, Malone Draw, and Lost River drainages. Groundwater flow is affected by local topography in areas immediately adjacent to arroyos, where groundwater flows directly toward the drainages regardless of the regional flow pattern.

Figure 3-6 shows the Basewide groundwater flow direction obtained from water level measurements collected during the 2002 Long Term Monitoring groundwater sampling event. Groundwater quality in the Tularosa Basin is of potable quality at the recharge areas in close proximity to the Sacramento Mountains and becomes increasingly mineralized toward the central portion of the basin and discharge areas (Radian, 1992). The majority (over 70 %) of the ERP Sites and SWMUs located across HAFB, have groundwater monitoring wells containing water with an average TDS concentration greater than 10,000 milligrams per liter (mg/L). This TDS data supports the hypothesis that TDS concentrations below 10,000 mg/L at HAFB are caused by dilution of natural groundwater from leaking water lines and surface irrigation from the domestic water supply. TDS concentrations greater than 10,000 mg/L exceed the NMWQCC limit as potable water and thus, the groundwater beneath HAFB has been designated as unfit for human consumption. Additionally, based on the USEPA document, *Final Draft Guidelines for Groundwater Classification Under USEPA Groundwater Protection Strategy* (USEPA, 1986), the groundwater can be classified as Class III B. Class III B groundwater is characterized by having a TDS concentration greater than 10,000 mg/L, and a low degree of interconnection to adjacent surface waters or groundwater of a higher class. Because the Tularosa is a closed basin, its groundwater does not discharge or connect to any adjacent aquifer. Adjacent surface waters include groundwater surfacing in Lake Holloman. TDS in Lake Holloman ranges from a winter low of 12,400 mg/L to a summer high of 17,000 mg/L (Cole, et al., 1981); therefore, groundwater at HAFB is not interconnected with surface water of a higher class.

There are no potable water wells on HAFB. Potable water for the Base (Boles, Douglas, and San Andres well fields) and the city of Alamogordo is derived from the foot of the nearby Sacramento Mountains, just south of Alamogordo. According to a groundwater well inventory (Table 3-1) prepared by the New Mexico Office of the State Engineer, there are approximately 25 domestic, 15 commercial, 7 irrigation, and 3 livestock wells located within a 4-mile radius of Holloman AFB (New Mexico Water Rights Reporting System [NMWRRS] database, 2009). As shown on Figure 3-7, these wells are located along HAFB's northern and eastern boundaries (upgradient and cross gradient respectively).

3.6 Site Specific Geology and Hydrogeology

This section presents the site specific geology and hydrogeology for Sites OT-32 and RW-42.

3.6.1 OT-32 Geology and Hydrogeology

The location of OT-32 was misidentified during the 1984 Phase II investigation; therefore the subsurface lithology is based on the 12 soil borings advanced during this ACM investigation. The drilling logs for the 12 borings (OT32-SB01 through -SB12) are included in Appendix B-1 of this report. The site specific geology at OT-32 consists of, a near surface dry silty sand. Below this unit there are alternating beds of clayey silts and thin silty sands down to 22 to 27 feet where the capillary fringe is encountered. The clayey silts are mottled with gypsum lenses and microcrystalline gypsum crystals. The gypsum lenses are laterally discontinuous, dry, and very dense. Below the capillary fringe the clayey silt continues to a dense silty sand layer at approximately 32 to 35 feet bgs across the site. This lithology is typical of the alluvial, eolian, and playa deposits found in the Tularosa Basin. The locations of the 12 soil borings which were converted into temporary monitoring wells are shown on Figure 2-3.

The 12 temporary groundwater monitoring wells at OT-32 (OT32-TMW01 through -TMW12) are screened between 23 and 34 feet bgs. The well completion details are included in the monitoring well construction diagrams found in Appendix B-1. Groundwater occurs in an unconfined aquifer at depths observed in July 2007 ranging from 24.47 to 29.52 feet below the top of polyvinyl chloride (PVC) casing, and groundwater elevations ranged from 4,079.55 to 4,082.74 ft amsl across the site. Tables 3-2 and 3-3 present the OT-32 temporary monitoring well construction details and the July 2007 groundwater elevation data respectively.

Depth to groundwater elevations across the site indicate that groundwater flows to the south-southwest (Figure 3-8) and the horizontal hydraulic gradient is approximately 1.8×10^{-3}. Additionally, temporary monitoring wells OT32-TMW01, TMW02, and TMW03 appear to have artificially higher groundwater elevations, possibly due to leaking underground water lines that traverse Douglas Road and the Former Primate Research Facility along the northern portion of OT-32 (Figure 3-8). The mounding effect on these three wells is displayed on the potentiometric surface map (Figure 3-8), that was prepared using the July 2007 groundwater elevation measurements.

3.6.2 RW-42 Geology and Hydrogeology

The description of the RW-42 site geology is based on the four DPT soil borings (RW42-DP01 through -DP04) and three monitoring wells (RW42-MW01 through -MW03) completed during this investigation in June and July of 2007. The locations of the four DPT soil borings and three monitoring wells are shown on Figure 2-4. Drilling logs from the DPT and hollow stem auger soil borings indicate that the stratigraphy at RW-42 is primarily silty sands interbedded with clayey sands. A dense caliche layer was encountered, overlaying white fine grained sand layers, at approximately 20 feet bgs. This white sand layer grades into a clayey silt interbedded with gypsum lenses and extents 20 to 25 feet to a water bearing silty sand at approximately 40 to 45

feet bgs. This stratigraphy is typical of the alluvial, eolian, and playa deposits of the Tularosa Basin. The soil boring logs for this investigation are included in Appendix B-2 of this report.

At RW-42 the three monitoring wells (RW42-MW01 through MW03) are screened in silty sand approximately 33.6 to 49.0 feet bgs. The well construction diagrams are also included in Appendix B-2. In July of 2007, depth to groundwater levels ranged from 38.64 to 42.27 feet below top of casing, and groundwater elevations ranged from 4,118.84 to 4,122.84 ft amsl. Tables 3-4 and 3-5 present the RW-42 monitoring well construction and the July 2007 groundwater elevation data details respectively. A potentiometric surface map (Figure 3-9) was created using the data collected in July 2007. Groundwater flows to the west towards Hay Draw and the horizontal hydraulic gradient is approximately 3.8×10^{-2}. Hay Draw is an arroyo that runs generally north to south along the northwestern boarder of RW-42. Therefore, Hay Draw influences the groundwater flow at this site, away from the typical southwest flow direction seen elsewhere around HAFB.

3.7 Climate

As a whole, New Mexico has a mild, arid to semi-arid continental climate characterized by light precipitation totals, abundant sunshine, relatively low humidity, and relatively large annual and diurnal temperature range (Western Regional Climate Center [WRCC], 2003). The climate of the Central Closed Basins varies with elevation. The Base is found in the low areas and is characterized by warm temperatures and dry air. Daytime temperatures often exceed 100 degrees Fahrenheit (°F) in the summer months and are in the middle 50s in the winter. A preponderance of clear skies and relatively low humidity permits rapid night time cooling resulting in average diurnal temperature ranges of 25 to 35°F. Potential evapotranspiration, at 67 inches per year, significantly exceeds annual precipitation, usually less than 10 inches. The very low rainfall amounts resulting in the arid conditions, which with the topographically induced wind patterns combining with the sparse vegetation, tend to cause localized “dust devils”. The annual rainfall for Alamogordo is 12 inches per year[1]. Much of the precipitation falls during the mid-summer monsoonal period (July and August) as brief, yet frequent, intense thunderstorms culminating to 30 to 40% of the annual total rainfall.

3.8 Current and Future Land Use

The land surrounding HAFB consists of residential areas to the east and northeast (City of Alamogordo), rangeland to the south, the White Sands National Monument to the west, and areas where military activities are conducted to the north. The desert terrain of the area immediately surrounding HAFB has limited development, and there are no agricultural operations, residential communities, or large industrial operations located adjacent to the Base. HAFB is an active military installation and is expected to remain active for the foreseeable future. No transfer of military property to the public is anticipated, and public access to the Base is restricted (Foster Wheeler Environmental Corporation [FWENC], 2002).

[1] http://countrystudies.us/united-states/weather/new-mexico/

Residential development on the Base is limited by environmental and operational constraints imposed by the 100-year floodplain, historic sites, and areas identified under the Installation Restoration Program. Safety and noise zones also limit residential development on HAFB. Future plans for residential development on the Base include renovation of existing structures, replacement of inefficient buildings, and expansion into open areas in the southeast corner of the Base (HAFB, 2000). Future land use is not expected to differ significantly from current land use practices (FWENC, 2002).

3.9 Current and Future Water Use

At present, the primary fresh water resource for the City of Alamogordo and HAFB is Lake Bonita, 60 miles northeast of the Tularosa Basin. Currently, there are no potable supplies of groundwater or surface water located on the Base. HAFB obtains its water supply from the City of Alamogordo and the HAFB wells in the Boles, San Andreas, and Douglas well fields at the base of the Sacramento Mountains. No water supply wells are located on or near the Base due to poor groundwater quality (TDS greater than 10,000 mg/L).

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4 SOURCE CHARACTERIZATION

Based on the previous investigations described in Section 2.2.2 of this report, soil analytical data was previously collected at sites OT-32 and RW-42 in 1984 and 1992 respectively. Source area characterization for these sites has been described in the following two historical documents:

- *Installation Restoration Program, Phase II – Confirmation/Quantification Stage 1 Report (April 1984 to March 1985) for Holloman Air Force Base, New Mexico 88330,* Dames & Moore, March 6, 1987.

- *Draft Final Remedial Investigation (RI) Report Investigation, Study and Recommendation for 29 Waste Sites, Holloman Air Force Base, NM,* Radian Corporation, June 1992

The purpose of the OT-32 and RW-42 ACM investigations was to review available information, collect soil and groundwater data to fill data gaps in support of a site specific risk assessment and to remove soil contamination through excavation (if required). The results of the ACM subsurface soil and groundwater characterization for OT-32 and RW-42 are presented in Section 7 (Nature and Extent of Contamination).

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5 FIELD ACTIVITIES

This section summarizes the objectives and field activities of the OT-32 and RW-42 ACM investigations performed by Bhate during the summer of 2007.

5.1 OT-32 Collapsed Former Primate Research Area Sewer Lines

The objectives of the additional investigation at site OT-32 were to determine if historical sewer line collapses in the vicinity of the former Primate Research Center (AOC PRI-A) have impacted the subsurface soil and to evaluate the current groundwater conditions along the sewer line. To meet these objectives the following field activities at OT-32 were preformed during the ACM investigation in July 2007:

- Twelve soil borings (OT32-SB01 through OT32-SB12) were drilled along 2,600 ft of sewer line that connects directly with the former Primate Research Institute (Buildings 1200 through 1208).
- Two subsurface soil samples for chemical analysis were collected from each borehole.
- Each of the soil borings was converted into a temporary groundwater monitoring well (OT32-TMW01 through OT32-TMW12) to evaluate groundwater quality at the site.
- Soil and groundwater samples were analyzed for VOCs, SVOCs TPH (soil only), TAL Metals, tritium, and TDS (groundwater only).
- Two geotechnical samples were collected from soil borings OT32-SB03 and OT32-SB08, to provide geotechnical data of non-impacted soils at the site.

The rational for conducting the OT-32 ACM investigation described above was to determine if collapsed sewer lines in the vicinity of the former Primate Research Center released COPC(s) that impacted the subsurface soil and groundwater quality in the vicinity of the two collapsed sewer lines which occurred in 1981 and the early 1990s.

Prior to beginning field work, a Base Dig Permit (AF Fm 103) with a utility clearance, was submitted and approved by the proper authority. All completed field and waste handling activities conducted at Site OT-32 were performed in accordance with HAFB Standard Operating Procedures (SOPs) provided in the *Basewide Quality Assurance Project Plan* (Basewide QAPP, Bhate, 2003) and the *Bhate Standard Operating Procedures* (Bhate, 2002) outlined in the *Final Accelerated Corrective Measures Work Plan, Multiple Sites, Holloman Air Force Base, New Mexico* (Bhate, 2007).

5.1.1 Subsurface Soil Sampling

In July 2007, twelve soil borings (OT32-SB01 through OT32-SB12) were advanced along the sewer line that connects with the former Primate Research Institute to determine if there was a release due to collapsed and/or corroded segments of sewer line (Figure 2-3). Breaches in the sewer line were identified in the IRP Records Search (CH2M Hill, 1983) and from discussions with HAFB employees. The boreholes were installed in approximately 250 ft intervals and included segments of sewer line that include the east-west and north-south trending lines as shown on Figure 2-3. The soil borings were advanced using a Central Mine Equipment Company (CME)-75 hollow stem auger drill rig, equipped with 8-1/4 inch outer diameter (OD) augers, a 5-foot stainless steel core barrel, and associated tooling. The boreholes were sampled continuously from ground surface to depths between 33.0 and 34.2 ft bgs. In order to determine the groundwater quality in areas where the sewer had collapsed or leaked, each soil boring was converted into a temporary monitoring well (OT32-TMW01 through OT32-TMW12). The drilling logs and monitoring well construction diagrams for OT-32 are included in Appendix B-1.

Soils were visually classified in the field by a Geologist according to the Unified Soil Classification System (USCS). Soils were screened with a MiniRAE® 2000 VOC photoionization detector (PID) with soil-headspace screening techniques and a Ludlum 44-9 radionuclide survey meter. As real time screening techniques and observations such as staining or odor did not indicate a clear selection for sampling, soil samples for chemical analysis were collected from approximately mid depth (15 ft bgs) and at the capillary fringe (20 to 25 ft bgs). Soil samples were placed in the appropriate containers, packed on ice at 4 degrees Celsius (ºC), and delivered under chain-of-custody to Severn Trent Laboratories (STL) in Denver, Colorado.

In addition, two soil samples were collected for geotechnical analysis in soil borings OT32-SB03 and OT32-SB08. These two undisturbed samples were collected from 9 -10.5 and 13.5 - 15 ft bgs, above the water table in soil representative of the site. The samples were collected in 3-inch diameter Shelby tubes and analyzed by Accutest Laboratories in Orlando, Florida, for geotechnical properties (dry bulk density, specific gravity, percent moisture, and fractional organic carbon content).

5.1.2 Groundwater Sampling

Figure 2-3 presents the locations of the 12 hollow stem auger soil borings which were converted into temporary 2-inch diameter PVC monitoring wells (OT32-TMW01 through OT32-TMW12). Monitoring well construction diagrams are also provided in Appendix B-1 and a summary of the monitoring well construction details are included in Table 3-2. In July 2007, groundwater samples were collected from the 12 temporary monitoring wells installed at OT-32. Prior to sampling, the monitoring wells were developed, in accordance with Bhate SOP No. 10 (*Subsurface Water Investigation*), Section 3, Well Development, to remove sediment and facilitate communication between the well and the surrounding formation, ensuring a representative water sample. During development a Horiba® U-22 water quality meter was used to collect water quality parameters. The temporary monitoring wells were sampled using a low

flow monsoon submersible pump (pumping at an average rate of less than 1 liter per minute) and disposable polyethylene tubing. All samples for TAL metals analysis were filtered in-line through a disposable 0.45 micron filter. After development and prior to sampling, a round of water levels were collected. The Site OT-32 Sample Collection Logs can be found in Appendix C-1. At the direction of the NMED, all temporary monitoring wells at HAFB (e.g., OT32-TMW01 through OT32-TMW12) should not be abandoned until the Final Report is approved.

5.2 RW-42 Radioactive Waste Burial Site

The objectives of the additional investigations at RW-42 were to determine if the buried concrete cylinder (reportedly a vertically buried chamber containing primate carcasses and laboratory wastes), is a hazardous/low level radioactive waste source and to evaluate the current groundwater conditions at the site. To meet these objectives the following field activities were completed in two separate shifts during the ACM investigation in June and July 2007:

- Four DPT boreholes (RW42-DP01 through RW42-DP04) were advanced around the 3-ft by 3-ft concrete cover that indicates the location of the vertically buried concrete cylinder.
- Three subsurface soil samples for chemical analysis were collected from each DPT borehole and analyzed for VOCs, SVOCs, TPH, TAL metals, and tritium.
- One upgradient (RW42-MW01) and two downgradient (RW42-MW02 and RW42-MW03) permanent monitoring wells were installed using hollow stem auger drilling techniques to determine and quantify groundwater quality at the site.
- One round of groundwater samples was collected from the three new wells (RW42-MW01 through MW03). Each groundwater sample was analyzed for VOCs, SVOCs, TAL metals, tritium, and TDS.
- Two geotechnical samples were collected at RW42-MW02, to provide geotechnical data of un-impacted soils at the site.

The rational for conducting the RW-42 ACM investigation described above was to determine if animal carcasses and laboratory supplies buried inside a concrete cylinder released suspected COPC(s) that impacted the subsurface soil and groundwater quality in immediate vicinity of the disposal site.

Prior to beginning field work a Base Dig Permit (AF Fm 103) with a utility clearance, was submitted and approved by the proper authority. All completed field and waste handling activities at RW-42 were performed in accordance with HAFB SOPs provided in the Basewide QAPP (Bhate, 2003) and the *Bhate Standard Operating Procedures* (Bhate, 2002) outlined in the *Final Accelerated Corrective Measures Work Plan, Multiple Sites, Holloman Air Force Base, New Mexico* (Bhate, 2007).

5.2.1 Subsurface Soil Sampling

The first phase of the Site RW-42 ACM investigation was conducted in June 2007. Four DPT boreholes (RW42-DP01 through RW42-DP04) were advanced around the 3-foot by 3-foot pad that covers the concrete burial cylinder suspected of containing primate carcasses (Figure 2-4). Although a Preliminary Assessment conducted by Radian in 1992 found only background radioactivity levels at the ground surface, the burial chamber presents a potential source of radiation. The borings were advanced on each side of the concrete pad that covers the burial cylinder, approximately 2 feet away from the pad (Figure 2-4). These four borings were advanced using an AMS Incorporated®, truck mounted 9600 direct push drill rig and a five foot Geoprobe® Dual Tube sampling system. Each boring was continuously drilled to an approximate depth of 25 ft bgs. Subsurface soil samples were collected at three discreet depths ranging from 8 to 24 feet bgs.

During the second phase of the RW-42 ACM investigation conducted in July 2007, a CME-75 Hollow Stem Auger rig was used to install three deep boreholes around the perimeter of the site. The three boreholes were converted into one upgradient (RW42-MW01) and two downgradient (RW42-MW02 and RW42-MW03) monitoring wells (Figure 2-4). Soil samples were not collected for chemical analysis at these boreholes, however soils were continuously collected to approximately 45 feet bgs for visual classification. Two soil samples for geotechnical analysis were collected from the RW42-MW02 borehole.

During the ACM investigation at RW-42 soils were visually classified in the field by a Geologist according to the USCS. Soils were screened using a MiniRAE® 2000 VOC PID with soil headspace screening techniques and a Ludlum 44-9 radionuclide survey meter. As real time screening techniques using the Ludlum radionuclide meter didn't indicate a clear selection for sampling, soil samples for chemical analysis were collected based on the assumed depths of the burial chamber. The first DPT soil samples collected were collected from the 8 to 10 ft bgs interval, immediately below the suspected depth of the buried concrete cylinder. The other two samples were collected at approximately mid depth of the borehole (16 ft bgs) and at the capillary fringe (24 ft bgs). These 12 soil samples were placed on ice, packed into coolers, and delivered under chain-of-custody to STL in Denver, Colorado. Appendix B-2 contains Site RW-42 soil boring logs from both the DPT borings and the HSA boreholes completed during the ACM investigation.

In addition two subsurface soil samples were collected for geotechnical analysis from the RW42-MW02 borehole. These two undisturbed soil samples were collected from 14 - 16 and 24 - 25 ft bgs, above the water table in soils representative of the site. The samples were collected in 3-inch diameter Shelby tubes to minimize impact to the sample and analyzed for geotechnical parameters (dry bulk density, specific gravity, percent moisture, and fractional organic carbon content), by Accutest Laboratories in Orlando, Florida.

5.2.2 Groundwater Sampling

Figure 2-4 shows the locations of the three hollow stem auger soil borings that were converted into permanent 2-inch diameter PVC monitoring wells (RW42-MW01 through RW42-MW03). Monitoring well construction diagrams are also provided in Appendix B-2 and a summary of the monitoring well construction details are included in Table 3-4. In July 2007, groundwater samples were collected from the three new monitoring wells (RW42-MW01 through RW42-MW03) installed at Site RW-42. Prior to sampling, the monitoring wells were developed, in accordance with Bhate SOP No. 10 (*Subsurface Water Investigation*), Section 3, Well Development, to remove sediment and facilitate communication between the well and the surrounding formation, ensuring a representative water sample. During development a Horiba® U-22 water quality meter was used to collect water quality parameters. The monitoring wells were sampled using a low flow monsoon submersible pump (pumping at an average rate of less that 1 liter per minute) and disposable polyethylene tubing. All samples for TAL metals analysis were filtered in-line through a disposable 0.45 micron filter. The Site RW-42 Monitoring Well Development and Sample Collection Logs can be found in Appendix C-2.

5.3 Surveying

Soil sampling locations and monitoring wells at OT-32 and RW-42 were surveyed using a Trimble® Geometrics Pro XR global positioning system (GPS) in accordance with the methods described in the Basewide QAPP (Bhate, 2003). The horizontal locations (northing and easting coordinates) are relative to the State Plane Coordinate System New Mexico Central and surveyed to an accuracy of +/- 1.0 ft. Vertical elevations were referenced to the North American Vertical Datum (NAVD) 1988. The top of casing (vertical control) was used to determine the depth and elevation of the groundwater and surveyed to an accuracy of +/- 0.001 ft. Tables 3-3 and 3-5 summarize the survey data and the depth to groundwater measurements and groundwater elevations collected at OT-32 and RW-42 in July 2007 respectively.

5.4 Equipment Decontamination

All drilling equipment associated with soil and groundwater sampling (Geoprobe rod, hollow stem auger and all tooling) was decontaminated in accordance with the HAFB SOPs provided in the Basewide QAPP (Bhate, 2003).

5.5 Waste Handling

All investigation derived waste (IDW) produced during the investigation process was handled in accordance with the HAFB SOPs provided in the Basewide QAPP (Bhate, 2003).

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6 LABORATORY ANALYSIS AND DATA VALIDATION SUMMARY

The analysis of soil and groundwater samples collected during this investigation followed the proposed methodologies presented in the ACM Multiple Sites Work Plan (Bhate, 2007). All analytical procedures followed the USEPA SW-846 protocol with the groundwater and soil samples being analyzed in various combinations for the following:

- VOCs by USEPA Method 8260B
- SVOCs by USEPA Method 8270C
- TPH –GRO, -DRO, and -ORO by USEPA Method 8015B
- TAL Metals by USEPA Method 6010B/7470A/7471A
- Tritium by USEPA Method 906.0 MOD

The groundwater samples included:

- TDS by USEPA Method 160.1

All of the laboratory data generated as part of this project was validated by the project chemist. Field Quality Assurance (QA)/Quality Control (QC) samples, including trip blanks, equipment blank, matrix spikes (MS), and matrix spike duplicates (MSD) were collected to document field and laboratory QA/QC. The analytical data is provided in Appendix D of this report. The Data Validation Reports are provided in Appendix E. Severn Trent Laboratories (currently known as TestAmerica Laboratories) in Denver, Colorado performed the analysis of all samples collected.

Overall, only minor QC issues were identified during the data validation of the laboratory results and the laboratory took all necessary corrective actions. All of the data were determined to be usable with only minor qualifications. Information regarding the precision, accuracy, representativeness, and completeness is provided in the validation reports (Appendix E) with the following section providing a synopsis of each analyte group.

6.1 Volatile Organic Compounds

Blank contamination was prevalent in both the soil and water samples. The associated samples that yielded a result greater than the method detection limit (MDL) for the compounds detected in the blanks were qualified as estimated, “J”. The following is a list of compounds detected in the method blank(s) and their associated samples that required qualification. Naphthalene in samples RW42-DP01-10, RW42-DP03-10, and RW42-DP03-16. 2-Butanone in samples OT32-SB03-15, OT32-SB03-25, OT32-SB03-25A, OT32-SB02-10, OT32-SB02-25, OT32-SB01-15, OT32-SB01-25, OT32-SB12-15, OT32-SB12-25, OT32-SB11-15, OT32-SB11-25, OT32-SB10-15, OT32-SB10-25, OT32-SB09-15, and OT32-SB09-25. Trichloroethene in samples OT32-SB04-15 and OT32-SB04-25. In addition to method blank contamination, methylene chloride was also detected in multiple trip blanks and/or equipment blanks associated with the following samples: OT32-TMW05A, OT32-TMW04, RW42-MW02, RW42-MW02A, RW42-MW03, and OT32-TMW09.

Sample OT32-SB02-25 exhibited all surrogate recoveries below QC limits. This sample was not re-extracted and re-analyzed so all the non-detected compounds were qualified as estimated non-detected, "UJ".

The continuing calibration verification (CCV) standards for 2-butanone, trichloroethene, and vinyl acetate yielded a percent difference (%D) outside QC limits for samples OT32-TMW12, OT32-TMW11, OT32-TMW10, and OT32-TMW09. Since more than two volatile target compounds were out of range they were qualified as estimated non-detected, "UJ", or as estimated, "J".

6.2 Semi-volatile Organic Compounds

Surrogates were outside control limits for samples RW42-DP04-16 and OT32-SB03-15-D. A re-extraction and/or re-analysis was performed beyond hold time and the results were qualified as estimated non-detected, "UJ", or as estimated, "J". Sample OT32-SB02-25 exhibited all surrogate recoveries below QC limits. This sample was not re-extracted and re-analyzed. Therefore, all the non-detected compounds were qualified as estimated non-detected, "UJ".

Bis(2-Ethylhexyl) phthalate was detected in the method blank associated with sample RW42-DP04-16. This compound was qualified as estimated, "J".

6.3 Total Petroleum Hydrocarbons

The hold time between collection and preparation for the TPH-GRO analysis was exceeded by one to four days in samples OT32-SB03-15, OT32-SB03-25, OT32-SB03-25A, OT32-SB02-10, OT32-SB02-25, OT32-SB01-15, OT32-SB01-25, OT32-SB12-15, OT32-SB12-25, OT32-SB11-15, OT32-SB11-25, OT32-SB10-15, OT32-SB10-25, OT32-SB09-15, OT32-SB09-25, OT32-SB04-15, OT32-SB04-25, OT32-SB04-25A, OT32-SB08-20, OT32-SB08-30, OT32-SB08-30A, OT32-SB07-10, OT32-SB07-25, OT32-SB06-15, OT32-SB06-25, OT32-SB06-25A, OT32-SB05-15, and OT32-SB05-25. This compound was qualified as estimated, "J", or as estimated non-detected, "UJ", in the above mentioned samples.

TPH-GRO and -DRO were detected in various methods blanks and/or trip blanks and/or equipment blanks associated with numerous soil samples. All positive results greater than the MDL were qualified as estimated, "J" (see the Data Validation Reports in Appendix E for specific samples).

6.4 TAL Metals

Several method and/or equipment blanks associated with various samples yielded results for a number of metals. The positive results, between the MDL and reporting limit (RL), were qualified as estimated, "J" (see the Data Validation Reports in Appendix E for specific samples).

The serial dilution for potassium in samples OT32-TMW08, OT32-TMW07, OT32-TMW06, OT32-TMW06A, OT32-TMW05, OT32-TMW05A, OT32-TMW04, RW42-MW02, RW42-

MW02A, and RW42-MW03 indicated physical and chemical interferences. This may have caused data bias. Therefore potassium was qualified as estimated, "J", in these samples.

The continuing calibration blank (CCB) yielded a result for sodium associated with the following aqueous samples: OT32-TMW08, OT32-TMW07, OT32-TMW06, OT32-TMW06A, OT32-TMW05, OT32-TMW05A, OT32-TMW04, RW42-MW02, RW42-MW02A,and RW42-MW03. The CCB detected zinc related to samples OT32-TMW12, OT32-TMW11, OT32-TMW10, and OT32-TMW09. These compounds were qualified as estimated, "J".

The Relative Percent Differences (RPDs) for aluminum, barium, potassium, and nickel were outside project defined control limits for sample OT32-SB04-25 and it's duplicate. The RPD for barium was outside control limits for sample OT32-SB08-30 and it's duplicate. Cobalt exceeded RPD project defined control limits in sample RW42-DP04-24 and it's duplicate. Finally, multiple metals were outside RPD limits for sample RW42-DP01-24 and it's duplicate. These compounds were qualified as estimated, "J.

6.5 Tritium

No QC deficiencies were qualified for the tritium analysis.

6.6 Total Dissolved Solids

The sample duplicate for TDS yielded an RPD above QC limits associate with samples OT32-TMW08, OT32-TMW07, OT32-TMW06, OT32-TMW06A, OT32-TMW05, OT32-TMW05A, OT32-TMW04, OT32-TMW12, and OT32-TMW11. These results were qualified as estimated, "J".

The blank detection of TDS in OT32-TMW12 and OT32-TMW11 required the results to be qualified as estimated, "J".

The laboratory control sample (LCS) recoveries were above QC limits associated with OT32-TMW12 and OT32-TMW11. The positive results were qualified as estimated, "J".

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7 NATURE AND EXTENT OF CONTAMINATION

This section presents soil and groundwater analytical results from the ACM field activities conducted by Bhate at Sites OT-32 and RW-42 in June and July 2007. This section also presents the current nature and extent of contamination found in soil and groundwater during these investigations.

7.1 OT-32 Analytical Results

The objectives of the ACM conducted at Site OT-32 were to: 1) determine if any soil, and/or groundwater contamination currently exists at the site, 2) delineate the current horizontal and vertical extent of the contamination (if present), and 3) collect the proper data meeting the data quality objectives to support closure of the site based on guidance from the NMED. Soil, geotechnical, and groundwater analytical results are summarized in Tables 7-1, 7-2, and 7-3, respectively. Duplicate samples were collected from soil samples OT32-SB03-25, OT32-SB04-25, OT32-SB06-25, and OT32-SB08-30 and from monitoring wells OT32-TMW05 and OT32-TMW06 for groundwater. The complete analytical data packages for this investigation as provided by STL are presented in Appendix D. The Laboratory Analysis and Data Validation Summary and Reports are included in Appendix E.

7.1.1 Soil Analytical Results

The 28 soil samples (including four duplicates) collected from 12 soil borings (OT32-SB01 through OT32-SB12) were analyzed for VOCs; SVOCs; TPH-DRO, -GRO, and –ORO; TAL metals; and tritium. The soil analytical results (detections and estimated concentrations only) are summarized in Table 7-1; the last digit of the sample identification number indicates the bottom of the sample interval. The OT-32 soil boring locations are shown on Figure 2-3.

Estimated low concentrations of five VOCs (2-butanone; 1,1-dichloroethene; trichloroethene; 1,2,3-trichlorobenzene; and naphthalene) were detected above the MDL in soil samples collected from 8 boreholes. None of these estimated concentrations were above their respective SSLs (NMED, 2012 [Table A-1]) and all other VOCs were not detected. An estimated concentration of dibenzofuran, detected in borehole OT32-SB12 at 25 ft bgs, was the only SVOC detected at OT-32.

Total Petroleum Hydrocarbons were analyzed for GRO (C_6 – C_{10}), DRO (C_{10} – C_{22}), and ORO (>C_{22} – C_{36}). Low estimated concentrations of TPH-DRO were detected in every soil sample collected at OT-32 due to method blank contamination and were all qualified by the validating chemist as estimated "J" (see Appendix E). Low estimated concentrations of TPH-GRO were detected in 11 soil samples with detections ranging from 0.42 J to 0.52 J mg/kg. All TPH-ORO concentrations were below method detection limit. The combined TPH-DRO, -GRO, and -ORO concentrations for each soil sample were well below the NMED TPH screening guidelines for all petroleum products (NMED, 2012 [Table 6-3]).

Eighteen of the twenty-three TAL metals were detected above the MDL. With the exception of

arsenic (one detection), all of the TAL metals were detected below their respective SSLs (NMED, 2012). Arsenic was detected in SB12 at 15 ft bgs at a concentration of 4.2 mg/kg. Although, this detection of arsenic slightly exceeds the SSL (3.9 mg/kg) and the NMED approved background level (3.7 mg/L) it most likely represents the natural variability in soil geochemistry. Figure 7-1 shows the distribution of arsenic detected in soil samples at OT-32. In addition, with the exception of barium (one detection), all other TAL metals were detected below their respective NMED approved background levels (NMED, 2011).

All tritium results were qualified as undetected (U) (Table 7-1). Tritium results for the 28 subsurface soil samples collected at OT-32 ranged from -0.43 U to 0.26 U picocuires per gram (pCi/g). Negative tritium concentrations are less than the minimum detectable concentration. All reported results were well below the inhalation of fugitive dusts USEPA SSL (USEPA, 2000 [Table A.1]) for tritium (323,000,000 pCi/g).

The two geotechnical samples collected from OT32-SB03 and OT32-SB08 were analyzed for bulk density, fractional organic carbon, moisture content, and specific gravity. The geotechnical analytical results are presented in Table 7-2. The complete geotechnical lab results presented by Accutest are included in Appendix D of this report.

7.1.2 Groundwater Analytical Results

The 14 groundwater samples (including 2 duplicates) collected from temporary monitoring wells OT32-TMW01 through OT32-TMW12 were analyzed for VOCs, SVOCs, TAL metals, tritium, and TDS. The analytical results are presented in Table 7-3 and the monitoring well locations with groundwater results above action levels are presented on Figure 7-2.

Eight VOCs (acetone; bromodichloromethane; 2-butanone; chloroform; 1,1-dichloroethane; 1,1-Dichloroethene [1,1-DCE]; trichloroethene; and 4-isopropyltoluene) were detected above the reporting limit. With the exception of 1,1-DCE detected in one groundwater sample detected VOCs were below applicable USEPA MCLs and NMWQCC standards. The 1,1-DCE concentration (18 micrograms per liter [µg/L]) detected in TMW09 exceed both the USEPA MCL (7 µg/L) and NMWQCC standard (5 µg/L). Figure 7-2 illustrates the location of OT32-TMW09 in relation to the OT-32 monitoring well network. Based on the 1,1-DCE groundwater data generated from the OT-32 ACM investigation, coupled with the southern groundwater flow direction (Figure 3-8) this isolated exceedence of 1,1-DCE (OT32-TMW09) with respect to the applicable groundwater standards has been delineated. The concentrations of 1,1-DCE detected in downgradient monitoring wells OT32-TMW10 through OT32-TMW12 were well below applicable action levels and ranged from not detected to 0.38 J µg/L.

Estimated concentrations of four SVOCs detected in six wells did not exceed any established groundwater screening levels. No other SVOCs were detected during this sampling event.

Seventeen of the twenty-three TAL metals were detected above the MDL, however, manganese and aluminum were the only metals detected above their USEPA Secondary MCLs (50 µg/L) or NMWQCC groundwater standard (5,000 µg/L for aluminum and 200 µg/L for manganese). Aluminum was detected in one sample (OT32-TMW09) above the USEPA Secondary MCL at a concentration of 2,100 µg/L which was below the NMWQCC standard. Manganese was

detected in each of the 12 OT-32 temporary monitoring wells above the USEPA Secondary MCL. Manganese concentrations ranged from 56 µg/L (OT32-TMW01) to 1,100 µg/L (OT32-TMW05). Figure 7-2 presents the distribution of manganese and aluminum detected above their applicable groundwater action levels at OT-32. The detections of manganese are most likely due to the natural variability of groundwater geochemistry, as the subsurface soil samples collected from the corresponding monitoring well soil borings had manganese concentrations considerably less than the manganese SSL. Furthermore, the National Secondary Drinking Water Regulations are non-enforceable guidelines regarding contaminants that may cause aesthetic effects (such as taste, odor, or color in drinking water [USEPA, 2009]). In addition, seven metals (barium, cobalt, copper, iron, manganese, nickel, and zinc) were detected above their respective NMED approved background levels for dissolved constituents (NMED, 2011); however with the exception of manganese these detections were below their respective action levels (MCLs and/or NMWQCC groundwater standards). In addition, there were detections of barium, cobalt, copper, iron, nickel, and zinc that were above their respective NMED approved background levels (NMED, 2011) but were below their applicable groundwater action levels.

All tritium results were qualified as undetected (U) (Table 7-3). Tritium results for the 14 groundwater samples collected at OT-32 ranged from -860 U to 20 U picocuries per liter (pCi/L). All reported results were well below the USEPA MCL of 20,000 pCi/L (USEPA, 2000).

TDS concentrations ranged from 3,900 mg/L (OT32-MW05) to 16,000 Q (elevated reporting limit) mg/L (OT32-MW04) and exceeded the NMWQCC standard of 1,000 mg/L and the USEPA Secondary MCL (500 mg/L) in each well sampled at Site OT-32 (Figure 7-2). The average TDS concentration for the 12 wells sampled during this event was 11,458 mg/L. TDS concentrations less than 10,000 mg/L detected in three OT-32 monitoring wells (OT32-TWM01, -TMW02 and –TMW05) is mostly likely due to leaking underground water lines that traverse Douglas Road and connect with the Former Primate Research Facility (Figure 3-8). In addition, the average TDS concentration at OT-32 is greater than 10,000 mg/L; therefore this aquifer is classified by the USEPA as a Class III B aquifer which is designated as unfit for human consumption (USEPA, 1986). As a result of this aquifer classification the human ingestion of groundwater at this site is an invalid pathway.

7.2 RW-42 Analytical Results

The objectives of the ACM conducted at Site RW-42 were to: 1) determine if any soil, and/or groundwater contamination currently exists at the site, 2) delineate the current horizontal and vertical extent of the contamination (if present), and 3) collect the proper data meeting the data quality objectives to support closure of the site based on guidance from the NMED. Soil, geotechnical, and groundwater analytical results are summarized in Tables 7-4, 7-5, and 7-6, respectively. Duplicate samples were collected from soil samples RW42-DP01-24 and RW42-DP04-24 and from monitoring well RW42-MW02 for groundwater. The complete analytical data packages for this investigation as provided by STL are presented in Appendix D of this report. The Data Validation Reports are included in Appendix E.

7.2.1 Soil Analytical Results

The 14 soil samples (including two duplicates) collected from the 4 DPT soil borings (RW42-DP01 through RW42-DP04) were analyzed for VOCs; SVOCs; TPH-DRO, -GRO, and –ORO; TAL metals; and tritium. The soil analytical results (detections and estimated concentrations only) are summarized in Table 7-4; the last digit of the sample identification number indicates the bottom of the sample interval. The RW-42 soil boring locations are shown on Figure 2-4.

Acetone was the only VOC detected above the reporting limit and was detected at 20 micrograms per kilograms (µg/kg) in one sample (RW42-DP02-16). Estimated low concentrations of five VOCs (2-butanone; 1,2,4-trichlorobenzene; hexachlorobutadiene; 1,2,3-trichlorobenzene; and naphthalene) were detected above the MDL in four of the RW-42 soil samples. None of the detected VOCs were above their respective SSLs (NMED, 2012 [Table A-1]). Estimated concentrations of bis(2-ethylhexyl)phthalate were detected in three soil samples and was the only SVOC detected at RW-42.

Total Petroleum Hydrocarbons were analyzed for GRO ($C_6 – C_{10}$), DRO ($C_{10} – C_{22}$), and ORO ($>C_{22} – C_{36}$). Low estimated concentrations of TPH-DRO were detected in every soil sample collected at RW-42 due to method blank contamination and were all qualified by the validating chemist as estimated, “J” (see Appendix E). Low estimated concentrations of TPH-GRO were detected in two soil samples (DP01-10 and DP01-16) due to method blank contamination and were also qualified as estimated, “J”. All TPH-ORO concentrations were below the MDL. Additionally, the combined TPH-DRO, GRO, and ORO concentrations for each soil sample were well below the NMED TPH screening guidelines for all petroleum products (NMED, 2012 [Table 6-3]).

Nineteen of the twenty-three TAL metals were detected above the MDL. However, all of the TAL metals were detected below their respective SSLs (NMED, 2012). In addition, there were three detections of aluminum that exceeded the NMED approved background level (NMED, 2011) but were below the SSL (78,000 mg/kg). All other TAL metals were detected below their respective NMED approved background values.

Tritium results for the 14 subsurface soil samples collected at RW-42 ranged from -0.059 U to 0.20 J pCi/g. The one detection in sample RW42-DP01-24 was well below the inhalation of fugitive dusts USEPA SSL (USEPA, 2000 [Table A.1]) for tritium (323, 000,000 pCi/g).

The two geotechnical samples collected from RW42-MW02 were analyzed for bulk density, fractional organic carbon, moisture content, and specific gravity. The geotechnical analytical results are presented in Table 7-5. The complete geotechnical lab results presented by Accutest are included in Appendix D of this report.

7.2.2 Groundwater Analytical Results

The four groundwater samples (including a duplicate) collected from monitoring wells RW42-MW01 through RW42-MW03 were analyzed for VOCs, SVOCs, TAL metals, tritium, and TDS.

The analytical results are presented in Table 7-6 and the monitoring well locations with selected results from the July 2007 sampling event are shown on Figure 7-3.

Estimated concentrations of three VOCs (acetone, bromoform, and methylene chloride) were detected above the MDL but below their respective EPA MCLs and NMWQCC standards. Furthermore, methylene chloride was a suspected method blank contaminant and was qualified by the validating chemist as estimated, "J" (see Appendix E). Additionally, no SVOCs were detected during this sampling event.

Fourteen of the twenty-three TAL metals were detected above the MDL, however, manganese was the only metal detected above the USEPA Secondary MCL (50 µg/L) or NMWQCC (200 µg/L) groundwater standard. Manganese was detected in two monitoring wells above USEPA Secondary MCL at concentrations of 130 mg/L (RW42-MW02) and 240 mg/L (RW42-MW03). Figure 7-3 presents the distribution of manganese detected in the groundwater at RW-42. These detections of manganese most likely represent the natural variability in groundwater geochemistry, as the subsurface soil samples collected from the nearby DPT soil borings had manganese concentrations considerably less than the manganese SSL.

All tritium results were qualified as undetected (U) (Table 7-6). Tritium results for the four groundwater samples collected at RW-42 ranged from -20 U to 40 U pCi/L. All results were well below the USEPA MCL of 20,000 pCi/L (USEPA, 2000).

TDS concentrations were consistent at 13,000 mg/L in each of the three wells sampled (RW42-MW01 through RW42-MW03) and exceeded the NMWQCC standard of 1,000 mg/L and the USEPA Secondary MCL (500 mg/L) in each well sampled at Site RW-42 (Figure 7-3). The average TDS concentration (13,000 mg/L) exceeds 10,000 mg/L; therefore this aquifer is classified by the USEPA as a Class III B aquifer which is designated as unfit for human consumption (USEPA, 1986). As a result of this aquifer classification the human ingestion of groundwater at this site is an invalid pathway.

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8 CONCLUSIONS AND RECOMMENDATIONS

This section provides the conclusions and recommendations for the OT-32 and RW-42 ACM investigations.

8.1 OT-32 Collapsed Former Primate Research Area Sewer Lines

The analytical results for subsurface soil samples collected along the sewer line at Site OT-32 during the ACM Investigation did not contain any VOCs, SVOCs, TPH, or tritium in excess of current SSLs. Although arsenic was detected in one sample slightly above the SSL, this singular exceedence most likely represents the natural variability of soil geochemistry.

1,1-DCE was detected above the EPA MCL (7 µg/L) and the NMWQCC groundwater screening level (5 µg/L) in the sample collected from monitoring well OT32-TMW09 (18 µg/L). However, the three wells hydraulically downgradient (Figure 3-8) of TMW09 had 1,1-DCE concentrations of 0.24 J µg/L (TMW10), not detected (TMW11), and 0.38 J µg/L (TMW12) , respectively, indicating that the extent of the plume has been defined (Figure 7-2). Although manganese was detected above the USEPA Secondary MCL in all OT-32 wells and aluminum in one well (OT32-MW09), these concentrations most likely represent the natural variability in groundwater geochemistry as the calculated HAFB upper tolerance limits (UTLs) for dissolved manganese and aluminum are also above the Secondary MCLs (NationView/Bhate JV III, 2011). Additionally, the National Secondary Drinking Water Regulations (Secondary MCLs) are non-enforceable guidelines regarding contaminants that may cause aesthetic effects (such as taste, odor, or color in drinking water [USEPA, 2009]). Furthermore, the average OT-32 TDS concentration (11,458 mg/L) is above 10,000 mg/L and is classified by the USEPA as a Class III B aquifer which is designated as unfit for human consumption (USEPA, 1986) therefore, the human ingestion of groundwater at this site is an invalid pathway.

Therefore, HAFB will submit a Statement of Basis requesting No Further Action for OT-32 based upon Criterion #5 listed in Appendix 4-B of the HAFB Hazardous Waste Permit (NMED, 2004) which states:

> *"The site was characterized or remediated in accordance with applicable state and/or federal regulations, and the available data indicate that contaminants pose an acceptable level of risk under current and projected future land use."*

This criterion was accomplished by conducting additional characterization activities (soil and groundwater sampling) at OT-32. The ACM investigation determined that source area(s) above the current NMED SSLs do not exist; therefore excavation of contaminated soil or other remedial actions are not required for site closure. Therefore, the existing 12 temporary monitoring wells should be abandoned according to the NMED monitoring well abandonment guidelines.

8.2 RW-42 Radioactive Waste Burial Site

Manganese was the only constituent (VOC, SVOC, TPH, TAL metals, or tritium) detected above an applicable groundwater standard during the ACM investigation conducted at RW-42. In addition, all detected constituents in RW-42 soil samples were below applicable action levels. Although manganese was detected above the USEPA Secondary MCL in two of the wells, these concentrations most likely represent the natural variability in groundwater geochemistry as the calculated HAFB UTLs for dissolved manganese is also above the Secondary MCL (NationView/Bhate JV III, 2011). Additionally, the National Secondary Drinking Water Regulations (Secondary MCLs) are non-enforceable guidelines regarding contaminants that may cause aesthetic effects (such as taste, odor, or color in drinking water [USEPA, 2009]). Furthermore, the average RW-42 TDS concentration (13,000 mg/L) is above 10,000 mg/L and is classified by the USEPA as a Class III B aquifer which is designated as unfit for human consumption (USEPA, 1986) therefore, the human ingestion of groundwater at this site is an invalid pathway.

Therefore, HAFB will submit a Statement of Basis requesting No Further Action for RW-42 based upon Criterion #5 listed in Appendix 4-B of the HAFB Hazardous Waste Permit (NMED, 2004) which states:

> *"The site was characterized or remediated in accordance with applicable state and/or federal regulations, and the available data indicate that contaminants pose an acceptable level of risk under current and projected future land use."*

This criterion was accomplished by conducting additional characterization activities (soil and groundwater sampling) at RW-42. The ACM investigation determined that source area(s) above the current NMED SSLs do not exist; therefore excavation of contaminated soil or other remedial actions are not required for site closure. Therefore, the existing three permanent monitoring wells should be abandoned according to the NMED monitoring well abandonment guidelines.

9 REFERENCES

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TABLES

Table 3-1
Groundwater Wells
Located Within a 4-Mile Radius
of Holloman Air Force Base
Sites OT-32 and RW-42
Accelerated Corrective Measures Completion Report
Holloman AFB, New Mexico

Well ID Number	Use	NAD 83 UTM (in meters)		Well Depth (ft)
		X	Y	
T 00078	Commercial	398468	3648755	428
T 00868	Domestic	400972	3650377	215
T 03794	Irrigation	403280	3651057	250
T 04855	Domestic	403784	3651965	235
T 04967	Domestic	403480	3652067	200
T 00518	Domestic	405819	3646323	305
T 00518 S	Domestic	405819	3646323	220
T 00614	Domestic	404503	3646838	245
T 00995	Domestic	405824	3646730	308
T 01868	Domestic	405824	3646730	280
T 02650	Domestic	405619	3646523	265
T 03230	Domestic	403699	3647252	160
T 04728	Domestic	404503	3646838	216
T 05079 POD1	Domestic	401365	3646757	406
T 01167	Livestock	404993	3644302	170
T 01235	Irrigation	404995	3644706	200
T 03062	Commercial	403678	3644412	295
T 03455	Domestic	403365	3644318	150
T 03483	Domestic	402565	3644318	140
T 03934	Commercial	403578	3644915	160
T 05201 POD1	Irrigation	403380	3644374	295
T 05202 POD1	Irrigation	403381	3644374	250
T 00146	Livestock	402960	3642700	110
T 03245	Commercial	406609	3643887	190
T 04228	Domestic	405295	3643589	180
T 04386 S-6	Commercial	404903	3640666	290
T 04386 S-9	Commercial	404895	3640673	320
T 00172 S	Irrigation	406088	3640755	125
T 00776	Irrigation	406391	3640650	120
T 00782	Domestic	406187	3640854	120
T 00818	Irrigation	406391	3640650	125
T 02431	Domestic	405987	3640654	152
T 03909	Livestock	404765	3639453	140
T 04386 S	Commercial	404886	3638830	290
T 04386 S-2	Commercial	404888	3638830	310
T 04386 S-3	Commercial	404886	3638837	300
T 04386 S-4	Commercial	404886	3638841	295
T 04386 S-5	Commercial	404903	3640661	310
T 03147	Domestic	406380	3638633	135
T 04080	Domestic	406481	3638734	170
T 03228	Domestic	404290	3637226	160
T 00347	Domestic	403131	3634704	182
T 00972	Domestic	404882	3636009	150
T 01602	Domestic	406510	3635592	135
T 05041 POD1	Domestic	406205	3635697	200
T 01012	Commercial	401072	3634316	72
T 01277	Commercial	404434	3633172	104
T 01327	Commercial	400958	3633604	90
T 01526	Commercial	401368	3633601	152
T 01623	Domestic	400743	3633202	260

Source: New Mexico Water Rights Reporting System Database, 2009

Table 3-2
OT-32 Monitoring Well Construction Details
Sites OT-32 and RW-42
Accelerated Corrective Measures Completion Report
Holloman AFB, New Mexico

Well ID	Installation Date	Sampled 2007	Diameter (inches)	Screen Interval (ft bgs)	Depth to Water (ft below TOC)	Total depth (feet)	Status
OT32-TMW01	7/23/2007	1	2	24.2 - 34.2	29.52	34.2	Active
OT32-TMW02	7/23/2007	1	2	23.8 - 33.8	26.67	33.8	Active
OT32-TMW03	7/23/2007	1	2	23.8 - 33.8	26.10	34.0	Active
OT32-TMW04	7/21/2007	1	2	23.8 - 33.8	24.47	33.8	Active
OT32-TMW05	7/20/2007	1	2	24.0 - 34.0	24.58	34.0	Active
OT32-TMW06	7/20/2007	1	2	23.0 - 33.0	25.18	33.0	Active
OT32-TMW07	7/19/2007	1	2	24.1 - 34.1	24.78	34.1	Active
OT32-TMW08	7/19/2007	1	2	23.7 - 33.7	26.31	33.7	Active
OT32-TMW09	7/19/2007	1	2	24.0 - 34.0	26.77	34.0	Active
OT32-TMW10	7/19/2007	1	2	23.5 - 33.5	26.49	33.5	Active
OT32-TMW11	7/18/2007	1	2	23.5 - 33.5	26.14	33.5	Active
OT32-TMW12	7/18/2007	1	2	23.5 - 33.5	26.39	33.5	Active

Notes:

ft bgs - Feet below ground surface
ft below TOC - Feet below Top of Casing (based on July 26, 2007 groundwater elevation)

Table 3-3
OT-32 Groundwater Elevation Summary (July 2007)
Sites OT-32 and RW-42
Accelerated Corrective Measures Completion Report
Holloman AFB, New Mexico

Well	Northing	Easting	Elevation TOC (ft above msl)	DTW from TOC (ft below TOC)	Groundwater Elevation July 26, 2007 (ft above msl)
OT32-TMW01	681300.9	1689854.8	4,112.26	29.52	4,082.74
OT32-TMW02	681317.9	1689521.6	4,108.19	26.67	4,081.52
OT32-TMW03	681294.1	1689252.0	4,107.01	26.10	4,080.91
OT32-TMW04	681314.4	1688934.9	4,104.68	24.47	4,080.21
OT32-TMW05	681279.3	1688844.3	4,104.61	24.58	4,080.03
OT32-TMW06	680965.2	1688862.2	4,105.07	25.18	4,079.89
OT32-TMW07	680761.5	1688849.8	4,104.59	24.78	4,079.81
OT32-TMW08	680526.7	1688853.7	4,106.05	26.31	4,079.74
OT32-TMW09	680299.4	1688855.3	4,106.49	26.77	4,079.72
OT32-TMW10	680051.1	1688857.3	4,106.12	26.49	4,079.63
OT32-TMW11	679813.6	1688860.2	4,105.69	26.14	4,079.55
OT32-TMW12	679601.8	1688862.0	4,105.94	26.39	4,079.55

Notes:
TOC = Top of Casing
DTW = Depth to Water
ft = feet
msl = mean sea level

Table 3-4
RW-42 Monitoring Well Construction Details
Sites OT-32 and RW-42
Accelerated Corrective Measures Completion Report
Holloman AFB, New Mexico

Well ID	Installation Date	Sampled 2007	Diameter (inches)	Screen Interval (ft bgs)	Depth to Water (ft below TOC)	Total depth (feet)	Status
RW42-MW01	7/22/2007	1	2	33.6 - 48.6	38.64	49.0	Active
RW42-MW02	7/21/2007	1	2	34.0 - 49.0	39.89	49.0	Active
RW42-MW03	7/21/2007	1	2	33.8 - 48.8	42.27	49.0	Active

Notes:
ft bgs - Feet below ground surface
ft below TOC - Feet below Top of Casing (based on July 25, 2007 groundwater elevation)

Table 3-5
RW-42 Groundwater Elevation Summary (July 2007)
Sites OT-32 and RW-42
Accelerated Corrective Measures Completion Report
Holloman AFB, New Mexico

Well	Northing	Easting	Elevation TOC (ft above msl)	DTW from TOC (ft below TOC)	Groundwater Elevation July 25, 2007 (ft above msl)
RW42-MW01	709980.1	1685178.8	4,161.48	38.64	4,122.84
RW42-MW02	709901.6	1685126.3	4,161.33	39.89	4,121.44
RW42-MW03	709923.2	1685083.8	4,161.11	42.27	4,118.84

Notes:
TOC = Top of Casing
DTW = Depth to Water
ft = feet
msl = mean sea level

Table 7-1
OT-32 Soil Analytical Results (July 2007)
Sites OT-32 and RW-42
Accelerated Corrective Measures Completion Report
Holloman Air Force Base, New Mexico

Client Sample Identification:	Soil Screening Levels	Basewide Background	0T32-SB01-15			0T32-SB01-25			0T32-SB02-10			0T32-SB02-25			0T32-SB03-15			0T32-SB03-25			0T32-SB03-25A			0T32-SB04-15			0T32-SB04-25			0T32-SB04-25A		
Lab Sample Identification:	NMED Residential[1]	NMED Approved Background Levels [2]	D7G240162-026			D7G240162-027			D7G240162-023			D7G240162-024			D7G240162-019			D7G240162-020			D7G240162-021			D7G210163-001			D7G210163-002			D7G210163-003		
Date Sampled:			7/23/2007			7/23/2007			7/23/2007			7/23/2007			7/23/2007			7/23/2007			7/23/2007			7/20/2007			7/20/2007			7/20/2007		
Analyte (Method)			Result	Q	Q1	Result	Q	Q1	Result	Q	Q1	Result	Q	Q1	Result	Q	Q1	Result	Q	Q1	Result	Q	Q1	Result	Q	Q1	Result	Q	Q1	Result	Q	Q1
General Chemistry (160.3 MOD)	%	%	%			%			%			%			%			%			%			%			%			%		
Percent Moisture	NV	NV	15			20			14			22			18			20			21			18			22			21		
TAL Metals (6010B/7471A)	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
Aluminum	78,000	13,722	5,300		J	4,600		J	11,000		J	5,000		J	6,800		J	6,300		J	7,000		J	6,400			7,400		J	4,300		J
Arsenic	3.9	3.7	1.1	B		1.6	B		2.9			ND			1.2	B		ND			ND			1.4	B		3			2.7		
Barium	15,600	169.3	43		J	23		J	90		J	57		J	120		J	73		J	77		J	26			19		J	39		J
Beryllium	156	1.6	0.25	B		0.22	B		0.44	B		0.21	B		0.29	B		0.27	B		0.36	B		0.3	B		0.31	B		ND		
Cadmium	70.3	0.3	ND			ND			0.06	B		ND			ND			ND			0.056	B		0.064	B		ND			ND		
Calcium	NV [3]	317,332	150,000		J	140,000		J	90,000		J	74,000		J	160,000		J	160,000		J	130,000		J	210,000	J	J	140,000	J	J	130,000	J	J
Chromium	117,000	25	5.8			5.3			10			6.2			7.4			6.7			7.6			7.4			7			4.7		
Cobalt	23 [4]	7.7	1.7			2.2			3.3			1.3			2.6			1.7			2.2			1.6			1.8			1.1	B	
Copper	3,130	13	3			3.2			6.3			2.4	B		4.3			2.5			2.9			3			2.6			1.8	B	
Iron	54,800	23,049	4,400		J	5,600		J	8,800		J	4,300		J	6,900		J	6,100		J	7,600		J	5,800			7,300			4,600		
Lead	400	10.9	2.8			2.4			4.8			2.5			4			3.7			4.1			3.7			2.9			2		
Magnesium	NV [3]	16,991	3,000		J	2,700		J	7,000		J	2,400		J	4,500		J	3,100		J	3,600		J	4,000			3,300			2,100		
Manganese	1,860	393	62		J	130		J	150		J	54		J	230		J	78		J	92		J	94			37			33		
Nickel	1,560	17.4	4	B		4.8	B		7.2			3.2	B		5.2			4.3	B		5.1			4.5	B		4.6	B	J	2.7	B	J
Potassium	NV [3]	5,077	1,300			1,100			2,900			1,100			1,500			1,400			1,600			1,500			1,700		J	990		J
Sodium	NV [3]	5,196	1,300		J	360	B	J	2,000		J	710		J	270	B	J	670		J	700		J	1,700			770			520	B	
Vanadium	391	42.6	12			20			24			10			20			12			15			12			18			15		
Zinc	23,500	54.6	14		J	11		J	27		J	13		J	15		J	15		J	19		J	15			14			9.6		
TPH (8015B)	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
Gasoline Range Organics (C6-C10)	1,000 [5]	NV	ND		UJ	ND		UJ	ND		UJ	ND		UJ	ND		UJ	ND		UJ	ND		UJ	ND		UJ	0.48	J	J	0.48	J	J
Diesel Range Organics (C10-C22)	1,000 [5]	NV	2.1	JB	J	2.2	JB	J	2.0	JB	J	2.1	JB	J	2.2	JB	J	2.2	JB	J	2.2	JB	J	2.1	JB	J	2.1	JB	J	2.1	JB	J
VOC (8260B)	mg/kg	mg/kg	µg/kg			µg/kg			µg/kg			µg/kg			µg/kg			µg/kg			µg/kg			µg/kg			µg/kg			µg/kg		
2-Butanone (MEK)	37,100	NV	13	JB	J	12	JB	J	12	JB	J	11	JB	J	13	JB	J	11	JB	J	12	JB	J	ND			ND			ND		
1,1-Dichloroethene	449	NV	ND			ND			ND			ND			ND			ND			ND			ND			ND			ND		
Trichloroethene	8.77	NV	ND			ND			ND			ND			ND			ND			ND			0.38	JB	J	0.3	JB	J	ND		
1,2,3-Trichlorobenzene	49 [4]	NV	1.2	J		ND			ND			ND			ND			ND			ND			ND			ND			ND		
Naphthalene	43	NV	1.3	J		ND			ND			ND			ND			ND			ND			ND			ND			ND		
SVOC (8270C)	mg/kg	mg/kg	µg/kg			µg/kg			µg/kg			µg/kg			µg/kg			µg/kg			µg/kg			µg/kg			µg/kg			µg/kg		
Dibenzofuran	78 [4]	NV	ND			ND			ND			ND		UJ	ND			ND			ND			ND			ND			ND		
Radionuclides (906.0 MOD)	pCi/g	pCi/g	pCi/g			pCi/g			pCi/g			pCi/g			pCi/g			pCi/g			pCi/g			pCi/g			pCi/g			pCi/g		
Tritium [7]	323,000,000 [6]	NV	-0.24	U		0.09	U		-0.20	U		0.04	U		-0.12	U		0.05	U		-0.06	U		0.26	U		0.03	U		-0.10	U	

Notes:

NMED = New Mexico Environment Department
TAL = Target Analyte List
TPH = Total Petroleum Hydrocarbons
VOC = Volatile Organic Compounds
SVOC = Semi-Volatile Organic Compounds
µg/kg = micrograms per kilogram
mg/kg = milligrams per kilogram
pCi/g = picocuries per gram
ND = Not Detected
NV = No Value
% = percent
bgs = below ground surface
Q = Laboratory qualifier
Q1 = Validating Chemist Qualifier

Client Sample Nomenclature:
OT32 = Former Primate Research Facility Sewer Line
SB = Soil Boring
A = sample suffix denoting a field duplicate sample
The final digits equal the ending depth of the sampled interval (feet bgs)

Qualifiers:
J (metals) = Method Blank contamination
J (organics) = Estimated Result. Result is less than the Reporting Limit (RL)
J (chemist Qualifier) = Qualified by the validating chemist (see Appendix E)
UJ = Estimated Non Detect. For non detected compounds, the sample quantitaion limit is qualified as approximate.
B (metals) = Estimated Result. Result is less than the RL.
B (organics) = Method Blank contamination
L = Serial dilution of a digestate in the analytical batch indicates that chemical and physical interferences are present.
U = Result less than the sample detection limit
[1] Table A-1, NMED Soil Screening Levels (SSLs). *Risk Assessment Guidance for Site Investigations and Remediation* (NMED, February 2012).
[2] Table 1, *Conditional Approval Letter, Basewide Background Study Report, Holloman Air Force Base, New Mexico* (NMED, December 2011)
[3] No Value established for NMED Residential SSL (February 2012) and USEPA RSL (May 2012)
[4] USEPA Regional Screening Levels (RSLs) (May 2012)
[5] Table 6-3, TPH Screening Guidelines for Diesel #2/crankcase oil, Residential Direct Exposure. *Risk Assessment Guidance for Site Investigations and Remediation* (NMED, February 2012)
[6] USEPA *Soil Screening Guidance for Radionuclides: Technical Background Document*; Table A.1 (Inhalation of Fugitive Dusts) (USEPA, October 2000)
[7] Negative Tritium concentrations are less than the minimum detectable concentration.

Bold value indicates analytes above NMED SSLs (February 2012) or TPH results above NMED TPH Screening Guidelines
Indicates analytical results above the NMED Residential SSL, but below the NMED Approved Background Level
Indicates analytical results above the NMED Approved Background Level, but below the NMED Residential SSL

Table 7-1
OT-32 Soil Analytical Results (July 2007)
Sites OT-32 and RW-42
Accelerated Corrective Measures Completion Report
Holloman Air Force Base, New Mexico

Client Sample Identification:	Soil Screening Levels	Basewide Background	0T32-SB05-15			0T32-SB05-25			0T32-SB06-15			0T32-SB06-25			0T32-SB06-25A			0T32-SB07-10			0T32-SB07-25			0T32-SB08-20			0T32-SB08-30			0T32-SB08-30A		
Lab Sample Identification:	NMED Residential[1]	NMED Approved Background Levels [2]	D7G210163-022			D7G210163-023			D7G210163-019			D7G210163-020			D7G210163-021			D7G210163-007			D7G210163-008			D7G210163-004			D7G210163-005			D7G210163-006		
Date Sampled:			7/20/2007			7/20/2007			7/20/2007			7/20/2007			7/20/2007			7/19/2007			7/19/2007			7/19/2007			7/19/2007			7/19/2007		
Analyte (Method)			Result	Q	Q1	Result	Q	Q1	Result	Q	Q1	Result	Q	Q1	Result	Q	Q1	Result	Q	Q1	Result	Q	Q1	Result	Q	Q1	Result	Q	Q1	Result	Q	Q1
General Chemistry (160.3 MOD)	**%**	**%**	**%**			**%**			**%**			**%**			**%**			**%**			**%**			**%**			**%**			**%**		
Percent Moisture	NV	NV	16			21			21			26			25			14			27			17			22			30		
TAL Metals (6010B/7471A)	**mg/kg**	**mg/kg**	**mg/kg**			**mg/kg**			**mg/kg**			**mg/kg**			**mg/kg**			**mg/kg**			**mg/kg**			**mg/kg**			**mg/kg**			**mg/kg**		
Aluminum	78,000	13,722	11,000			6,400			6,300			2,500			2,200			4,800			1,500			5,200			11,000			11,000		
Arsenic	3.9	3.7	1.5	B		1.1	B		1.2	B		ND			ND			1.3	B		1	B		1.2	B		1.5	B		1.8	B	
Barium	15,600	169.3	75			87			53			42			33			34			15			46			32		J	55		J
Beryllium	156	1.6	0.57	B		0.27	B		0.3	B		ND			ND			0.23	B		ND			0.23	B		0.53	B		0.58	B	
Cadmium	70.3	0.3	0.1	B		ND			0.057	B		ND			ND			0.067	B		ND			0.059	B		0.085	B		ND		
Calcium	NV [3]	317,332	200,000	J	J	110,000			170,000	J	J	200,000	J	J	190,000	J	J	150,000	J	J	220,000	J	J	180,000	J	J	150,000	J	J	140,000	J	J
Chromium	117,000	25	12			6.8			6.8			2.6			2.4			5.3			1.8	B		5.7			11			12		
Cobalt	23 [4]	7.7	3.1			1.5			2.1			0.75	B		0.63	B		1.4			0.48	B		1.7			3.5			3.8		
Copper	3,130	13	5.6			3.2			5.8			1.6	B		1.8	B		2.3			2.1	B		2.8			4.8			5.2		
Iron	54,800	23,049	9,600			5,000			6,200			2,300			2,200			4,100			1,200			4,500			8,700			9,900		
Lead	400	10.9	5.4			2.5			3.3			1.4			1.4			2.7			1.7			3			5			5.3		
Magnesium	NV [3]	16,991	4,700			2,500			6,700			1,400			1,200			2,400			1,200			2,600			4,700			5,000		
Manganese	1,860	393	120			38			99			24			26			66			58			78			120			120		
Nickel	1,560	17.4	8.7			3.8	B		5.2			1.8	B		1.5	B		3.6	B		1.4	B		4.1	B		8.1			9		
Potassium	NV [3]	5,077	2,600			1,500			1,600			660			570			1,200			350	B		1,200			2,200			2,300		
Sodium	NV [3]	5,196	300	B		190	B		1,500			680			700			1,000			830			1,300			810			920		
Vanadium	391	42.6	22			12			12			4.9			4.4			10			3.6			10			19			19		
Zinc	23,500	54.6	25			16			19			6.1			5.7			11			4.5			12			27			26		
TPH (8015B)	**mg/kg**	**mg/kg**	**mg/kg**			**mg/kg**			**mg/kg**			**mg/kg**			**mg/kg**			**mg/kg**			**mg/kg**			**mg/kg**			**mg/kg**			**mg/kg**		
Gasoline Range Organics (C6-C10)	1,000 [5]	NV	ND		UJ	0.44	J	J	ND		UJ	ND		UJ	ND		UJ	0.48	J	J	0.52	J	J	0.47	J	J	0.52	J	J	0.51	J	J
Diesel Range Organics (C10-C22)	1,000 [5]	NV	2.1	JB	J	2.2	JB	J	2.1	JB	J	2.2	JB	J	2.2	JB	J	2	JB	J	2.2	JB	J	2	JB	J	2.1	JB	J	2.3	JB	J
VOC (8260B)	**mg/kg**	**mg/kg**	**µg/kg**			**µg/kg**			**µg/kg**			**µg/kg**			**µg/kg**			**µg/kg**			**µg/kg**			**µg/kg**			**µg/kg**			**µg/kg**		
2-Butanone (MEK)	37,100	NV	ND			ND			ND			ND			ND			ND			ND			ND			ND			ND		
1,1-Dichloroethene	449	NV	ND			ND			ND			ND			ND			ND			ND			ND			ND			ND		
Trichloroethene	8.77	NV	ND			ND			ND			ND			ND			ND			ND			ND			ND			ND		
1,2,3-Trichlorobenzene	49 [4]	NV	ND			ND			ND			ND			ND			ND			ND			ND			ND			ND		
Naphthalene	43	NV	ND			ND			ND			ND			ND			ND			ND			ND			ND			ND		
SVOC (8270C)	**mg/kg**	**mg/kg**	**µg/kg**			**µg/kg**			**µg/kg**			**µg/kg**			**µg/kg**			**µg/kg**			**µg/kg**			**µg/kg**			**µg/kg**			**µg/kg**		
Dibenzofuran	78 [4]	NV	ND			ND			ND			ND			ND			ND			ND			ND			ND			ND		
Radionuclides (906.0 MOD)	**pCi/g**	**pCi/g**	**pCi/g**			**pCi/g**			**pCi/g**			**pCi/g**			**pCi/g**			**pCi/g**			**pCi/g**			**pCi/g**			**pCi/g**			**pCi/g**		
Tritium [7]	323,000,000 [6]	NV	0.20	U		0.09	U		0.12	U		-0.02	U		-0.18	U		0.08	U		0.03	U		0.07	U		0.22	U		-0.07	U	

Notes:

NMED = New Mexico Environment Department
TAL = Target Analyte List
TPH = Total Petroleum Hydrocarbons
VOC = Volatile Organic Compounds
SVOC = Semi-Volatile Organic Compounds
µg/kg = micrograms per kilogram
mg/kg = milligrams per kilogram
pCi/g = picocuries per gram
ND = Not Detected
NV = No Value
% = percent
bgs = below ground surface
Q = Laboratory qualifier
Q1 = Validating Chemist Qualifier

Client Sample Nomenclature:
OT32 = Former Primate Research Facility Sewer Line
SB = Soil Boring
A = sample suffix denoting a field duplicate sample
The final digits equal the ending depth of the sampled interval (feet bgs)

Qualifiers:
J (metals) = Method Blank contamination
J (organics) = Estimated Result. Result is less than the Reporting Limit (RL)
J (chemist Qualifier) = Qualified by the validating chemist (see Appendix E)
UJ = Estimated Non Detect. For non detected compounds, the sample quantitaion limit is qualified as approximate.
B (metals) = Estimated Result. Result is less than the RL.
B (organics) = Method Blank contamination
L = Serial dilution of a digestate in the analytical batch indicates that chemical and physical interferences are present.
U = Result less than the sample detection limit

[1] Table A-1, NMED Soil Screening Levels (SSLs). *Risk Assessment Guidance for Site Investigations and Remediation* (NMED, February 2012).
[2] Table 1, *Conditional Approval Letter, Basewide Background Study Report, Holloman Air Force Base, New Mexico* (NMED, December 2011)
[3] No Value established for NMED Residential SSL (February 2012) and USEPA RSL (May 2012)
[4] USEPA Regional Screening Levels (RSLs) (May 2012)
[5] Table 6-3, TPH Screening Guidelines for Diesel #2/crankcase oil, Residential Direct Exposure. *Risk Assessment Guidance for Site Investigations and Remediation* (NMED, February 2012)
[6] USEPA *Soil Screening Guidance for Radionuclides: Technical Background Document*; Table A.1 (Inhalation of Fugitive Dusts) (USEPA, October 2000)
[7] Negative Tritium concentrations are less than the minimum detectable concentration.

Bold value indicates analytes above NMED SSLs (February 2012) or TPH results above NMED TPH Screening Guidelines
Indicates analytical results above the NMED Residential SSL, but below the NMED Approved Background Level
Indicates analytical results above the NMED Approved Background Level, but below the NMED Residential SSL

Table 7-1
OT-32 Soil Analytical Results (July 2007)
Sites OT-32 and RW-42
Accelerated Corrective Measures Completion Report
Holloman Air Force Base, New Mexico

Client Sample Identification:	Soil Screening Levels	Basewide Background	OT32-SB09-15			OT32-SB09-25			OT32-SB10-15			OT32-SB10-25			OT32-SB11-15			OT32-SB11-25			OT32-SB12-15			OT32-SB12-25		
Lab Sample Identification:	NMED Residential[1]	NMED Approved Background Levels [2]	D7G200178-013			D7G200178-014			D7G200178-011			D7G200178-012			D7G200178-003			D7G200178-004			D7G200178-001			D7G200178-002		
Date Sampled:			7/19/2007			7/19/2007			7/19/2007			7/19/2007			7/18/2007			7/18/2007			7/18/2007			7/18/2007		
Analyte (Method)			Result	Q	Q1	Result	Q	Q1	Result	Q	Q1	Result	Q	Q1	Result	Q	Q1	Result	Q	Q1	Result	Q	Q1	Result	Q	Q1
General Chemistry (160.3 MOD)	%	%	%			%			%			%			%			%			%			%		
Percent Moisture	NV	NV	17			17			14			15			16			18			14			22		
TAL Metals (6010B/7471A)	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
Aluminum	78,000	13,722	6,500			10,000			11,000			8,800			4,800			2,400			13,000			8,900		
Arsenic	3.9	3.7	2	B		2.9			2.2	B		2.7			1.7	B		ND			**4.2**			0.88	B	
Barium	15,600	169.3	47			120			270			140			81			38			100			53		
Beryllium	156	1.6	0.29	B		0.51	B		0.61			0.37	B		ND			ND			0.69			0.38	B	
Cadmium	70.3	0.3	0.078	B		0.1	B		0.069	B		0.12	B		0.093	B		ND			0.19	B		0.084	B	
Calcium	NV [3]	317,332	190,000	JL	J	97,000	JL	J	47,000	JL	J	160,000	JL	J	200,000	JL	J	210,000	JL	J	150,000	JL	J	170,000	JL	J
Chromium	117,000	25	7			12			12			9.6			5			2.7			15			9.9		
Cobalt	23 [4]	7.7	2.2			3.1			3.1			3.6			2.3			0.81	B		3.4			2.2		
Copper	3,130	13	3.2			4.5			5			4.3			2.9			1.5	B		7			4.5		
Iron	54,800	23,049	5,800			8,400			9,800			8,800			4,100			2,200			12,000			6,300		
Lead	400	10.9	3.8			5.8			7.5			4.6			2.9			2.3			7.2			4.3		
Magnesium	NV [3]	16,991	3,400			5,800			5,600			6,800			3,400			2,300			6,000			4,500		
Manganese	1,860	393	120			170			160			150			130			21			130			78		
Nickel	1,560	17.4	5.2			7.8			8.3			6.8			4.4	B		1.6	B		11			6.2		
Potassium	NV [3]	5,077	1,600			2,100			3,000			1,900			1,100			650			2,200			2,000		
Sodium	NV [3]	5,196	1,100	L		1,100	L		1,100	L		1,700	L		590	BL		400	BL		3,000	L		1,500	L	
Vanadium	391	42.6	12			21			20			20			8.4			5.1			32			12		
Zinc	23,500	54.6	16	J	J	22	J	J	29	J	J	18	J	J	13	J	J	6.6	J	J	32	J	J	21	J	J
TPH (8015B)	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
Gasoline Range Organics (C6-C10)	1,000 [5]	NV	0.42	J	J	ND		UJ	0.42	J	J	ND		UJ	ND		UJ	ND		UJ	0.49	J	J	ND		UJ
Diesel Range Organics (C10-C22)	1,000 [5]	NV	2	JB	J	2	JB	J	2	JB	J	1.9	JB	J	2	JB	J	2.1	JB	J	1.9	JB	J	2.2	JB	J
VOC (8260B)	mg/kg	mg/kg	µg/kg			µg/kg			µg/kg			µg/kg			µg/kg			µg/kg			µg/kg			µg/kg		
2-Butanone (MEK)	37,100	NV	11	JB	J	10	JB	J	11	JB	J	9.5	JB	J	13	JB	J	11	JB	J	12	JB	J	13	JB	J
1,1-Dichloroethene	449	NV	1.2	J		ND			ND			ND			ND			ND			ND			ND		
Trichloroethene	8.77	NV	ND			ND			ND			ND			ND			ND			ND			ND		
1,2,3-Trichlorobenzene	49 [4]	NV	ND			ND			ND			ND			ND			ND			ND			ND		
Naphthalene	43	NV	ND			ND			ND			ND			ND			ND			ND			ND		
SVOC (8270C)	mg/kg	mg/kg	µg/kg			µg/kg			µg/kg			µg/kg			µg/kg			µg/kg			µg/kg			µg/kg		
Dibenzofuran	78 [4]	NV	ND			ND			ND			ND			ND			ND			ND			44	J	
Radionuclides (906.0 MOD)	pCi/g	pCi/g	pCi/g			pCi/g			pCi/g			pCi/g			pCi/g			pCi/g			pCi/g			pCi/g		
Tritium [7]	323,000,000 [6]	NV	-0.12	U		-0.02	U		0.009	U		-0.30	U		-0.08	U		-0.18	U		-0.15	U		-0.43	U	

Notes:

NMED = New Mexico Environment Department
TAL = Target Analyte List
TPH = Total Petroleum Hydrocarbons
VOC = Volatile Organic Compounds
SVOC = Semi-Volatile Organic Compounds
µg/kg = micrograms per kilogram
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bgs = below ground surface
Q = Laboratory qualifier
Q1 = Validating Chemist Qualifier

Client Sample Nomenclature:
OT32 = Former Primate Research Facility Sewer Line
SB = Soil Boring
A = sample suffix denoting a field duplicate sample
The final digits equal the ending depth of the sampled interval (feet bgs)

Qualifiers:
J (metals) = Method Blank contamination
J (organics) = Estimated Result. Result is less than the Reporting Limit (RL)
J (chemist Qualifier) = Qualified by the validating chemist (see Appendix E)
UJ = Estimated Non Detect. For non detected compounds, the sample quantitaion limit is qualified as approximate.
B (metals) = Estimated Result. Result is less than the RL.
B (organics) = Method Blank contamination
L = Serial dilution of a digestate in the analytical batch indicates that chemical and physical interferences are present.
U = Result less than the sample detection limit

[1] Table A-1, NMED Soil Screening Levels (SSLs). *Risk Assessment Guidance for Site Investigations and Remediation* (NMED, February 2012).
[2] Table 1, *Conditional Approval Letter, Basewide Background Study Report, Holloman Air Force Base, New Mexico* (NMED, December 2011)
[3] No Value established for NMED Residential SSL (February 2012) and USEPA RSL (May 2012)
[4] USEPA Regional Screening Levels (RSLs) (May 2012)
[5] Table 6-3, TPH Screening Guidelines for Diesel #2/crankcase oil, Residential Direct Exposure. *Risk Assessment Guidance for Site Investigations and Remediation* (NMED, February 2012)
[6] USEPA *Soil Screening Guidance for Radionuclides: Technical Background Document*; Table A.1 (Inhalation of Fugitive Dusts) (USEPA, October 2000)
[7] Negative Tritium concentrations are less than the minimum detectable concentration.

Bold value indicates analytes above NMED SSLs (February 2012) or TPH results above NMED TPH Screening Guidelines
Indicates analytical results above the NMED Residential SSL, but below the NMED Approved Background Level
Indicates analytical results above the NMED Approved Background Level, but below the NMED Residential SSL

Table 7-2
OT-32 Soil Geotechnical Analytical Results
Sites OT-32 and RW-42
Accelerated Corrective Measures Completion Report
Holloman AFB, New Mexico

Client Sample Identification	**Method**	**Unit**	**OT32-SB03-10.5**	**OT32-SB08-15**	**Average**
Lab Sample Identification			**F51388-1**	**F51388-2**	
Depth (ft bgs)			**9-10.5**	**13.5-15**	
Date sampled			**7/23/2007**	**7/19/2007**	
Parameter					
Bulk Density (Dry Basis)	ASTM D2937-94 M	g/mL	1.1	1.1	1.100
Fractional Organic Carbon	ASTM D2974-87	%	4.5	9.5	7.000
Moisture Content (Solids, Percent)	USEPA 160.3	%	6.4	9.6	8.000
Specific Gravity	ASTM 1429	Unitless	1.3	1.5	1.400

Notes:
ASTM - American Society for Testing and Materials
USEPA - U.S. Environmental Protection Agency
ft bgs - Feet below ground surface
g/mL - grams per milliliter
% - percent

Table 7-3
OT-32 Groundwater Analytical Results (July 2007)
Sites OT-32 and RW-42
Accelerated Corrective Measures Completion Report
Holloman AFB, New Mexico

Client Sample Identification:	Groundwater Screening Levels		Basewide Background		OT32-TMW01			OT32-TMW02			OT32-TMW03			OT32-TMW04			0T32-TMW05			0T32-TMW05			0T32-TMW05-A			0T32-TMW06		
Lab Sample Identification:	NMWQCC[1]	USEPA MCL [2]	NMED Approved Background [3]	Dissolved Metals in Groundwater UTL [4]	D7G250192-003			D7G250192-002			D7G250192-001			D7G240162-011			D7G240162-005			D7G260168-007			D7G240162-006			D7G240162-003		
Date Sampled:					7/24/2007			7/24/2007			7/24/2007			7/21/2007			7/21/2007			7/25/2007			7/21/2007			7/21/2007		
Analyte (Method)					Result	Q	Q1	Result	Q	Q1	Result	Q	Q1	Result	Q	Q1	Result	Q	Q1	Result	Q	Q1	Result	Q	Q1	Result	Q	Q1
General Chemistry (160.1)	**mg/L**	**mg/L**	**mg/L**	**mg/L**	**mg/L**			**mg/L**			**mg/L**			**mg/L**			**mg/L**			**mg/L**			**mg/L**			**mg/L**		
Total Dissolved Solids	1,000	500 [5]	NV	65,956.58 [8]	**4,200**	Q		**9,300**	Q		**14,000**	Q		**16,000**	Q	J	**3,900**		J	NS			**4,100**	Q	J	**13,000**	Q	J
TAL Metals (6010B/7470A)	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**			**µg/L**			**µg/L**			**µg/L**			**µg/L**			**µg/L**			**µg/L**			**µg/L**		
Aluminum	5,000	50 [5]	54	54.00	ND			ND			ND			ND			ND			NS			ND			23	B	
Arsenic	100	10	10	28.53	ND			4.6	B		4.6	B		ND			ND			NS			ND			ND		
Barium	1,000	2,000	30.2	30.13	54			53			58			51			130			NS			130			150		
Calcium	NV	NV	1,151,302	1,151,301.20	590,000	J	J	490,000	J	J	560,000	J	J	560,000	J	J	580,000	J	J	NS			590,000	J	J	720,000	J	J
Cadmium	10	5	2.5	2.41	0.54	B		0.85	B		0.88	B		0.86	B		1.2	B		NS			0.94	B		1.1	B	
Cobalt	50	NV	2.6	2.60	ND			1.4	B		2.1	B		5.1	B		37			NS			39			ND		
Copper	1,000	1,300	22	57.46	91			140			44			ND			6.4	B		NS			5.9	B		22		
Iron	1,000	300 [5]	65.6	65.56	ND			ND			ND			34	B		89	B		NS			69	B		300		
Potassium	NV	NV	120,480	120,479.98	4,600			6,500			12,000			14,000	L	J	26,000	L	J	NS			27,000	L	J	14,000	L	J
Magnesium	NV	NV	3,630,927	3,630,926.70	180,000			360,000			540,000			790,000			120,000			NS			130,000			560,000		
Manganese	200	50 [5]	50	118.65	**56**			**98**			**240**			**400**			**1,100**			NS			**1,100**			**260**		
Sodium	NV	NV	19,972,499	19,972,499.00	240,000			1,900,000			3,200,000			3,800,000	J	J	320,000	J	J	NS			330,000	J	J	3,200,000	J	J
Nickel	200	NV	15.9	15.89	ND			8	B		ND			14	B		130			NS			140			ND		
Selenium	50	50	25.3	25.26	ND			ND			10	B		16			ND			NS			ND			10	B	
Vanadium	NV	NV	73.8	73.73	9.9	B		14			13			18			5.6	B		NS			6	B		8.1	B	
Zinc	10,000	5,000 [5]	23	56.28	59	J	J	34	J	J	29	J	J	26	J	J	110	J	J	NS			110	J	J	37	J	J
Mercury	2	2	0.2	0.200	0.033	JB	J	0.035	JB	J	0.035	JB	J	0.037	JB	J	0.036	JB	J	NS			0.034	JB	J	0.033	JB	J
VOC (8260B)	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**			**µg/L**			**µg/L**			**µg/L**			**µg/L**			**µg/L**			**µg/L**			**µg/L**		
Acetone	NV	NV	NV	NV	ND			ND			ND			13			22			NS			25			33		
Benzene	10	5	NV	NV	ND			ND			ND			ND			0.22	J		NS			0.22	J		ND		
Bromodichloromethane	NV	NV	NV	NV	0.37	J		1.3			0.69	J		0.25	J		ND			NS			ND			ND		
2-Butanone (MEK)	NV	NV	NV	NV	ND			ND			ND			ND			4.6	J		NS			3.7	J		3.9	J	
Chloroform	100	NV	NV	NV	1.2			3.6			1.7			0.96	J		ND			NS			ND			ND		
1,4-Dichlorobenzene	NV	75	NV	NV	ND			ND			ND			ND			0.33	J		NS			0.37	J		ND		
1,1-Dichloroethane	25	NV	NV	NV	ND			ND			ND			ND			ND			NS			ND			ND		
1,1-Dichloroethene	5	7	NV	NV	ND			0.22	J		ND			ND			ND			NS			ND			ND		
2-Hexanone	NV	NV	NV	NV	ND			ND			ND			ND			ND			NS			ND			ND		
Methylene chloride	100	5	NV	NV	ND			ND			ND			0.45	JB	J	ND			NS			0.38	JB	J	ND		
4-Methyl-2-pentanone	NV	NV	NV	NV	ND			ND			ND			ND			1.4	J		NS			ND			ND		
Toluene	750	1,000	NV	NV	ND			ND			ND			ND			ND			NS			ND			ND		
1,1,2-Trichloroethane	10	5	NV	NV	ND			ND			ND			ND			ND			NS			ND			ND		
Trichloroethene	100	5	NV	NV	ND			3.6			ND			ND			ND			NS			ND			ND		
4-Isopropyltoluene	NV	NV	NV	NV	ND			ND			ND			0.97	J		2.3			NS			2.2			0.24	J	
Naphthalene	30 [9]	NV	NV	NV	ND			ND			ND			ND			ND			NS			ND			ND		
SVOC (8270C)	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**			**µg/L**			**µg/L**			**µg/L**			**µg/L**			**µg/L**			**µg/L**			**µg/L**		
Acetophenone	NV	NV	NV	NV	ND			ND			ND			ND			1.4	J		NS			1.4	J		1.2	J	
bis(2-Ethylhexyl)phthalate	NV	NV	NV	NV	ND			ND			ND			ND			ND			NS			ND			ND		
Hexachloroethane	NV	NV	NV	NV	ND			ND			ND			ND			ND			NS			ND			ND		
Hexachlorobutadiene	NV	NV	NV	NV	ND			ND			ND			ND			ND			NS			ND			ND		
Radionuclides (906.0 MOD)	**pCi/L**	**pCi/L**	**pCi/L**	**pCi/L**	**pCi/L**			**pCi/L**			**pCi/L**			**pCi/L**			**pCi/L**			**pCi/L**			**pCi/L**			**pCi/L**		
Tritium [7]	NV	20,000 [6]	NV	NV	20	U		-100	U		-70	U		-230	U		NS			-140	U		-330	U		-20	U	

Notes:
NMWQCC = New Mexico Water Quality Control Commision
USEPA = United States Environmental Protection Agency
MCL = Maximum Contaminant Level
UTL = Upper Tolerance Limit
TAL = Target Analyte List
VOC = Volatile Organic Compounds
SVOC = Semi-Volatile Organic Compounds
µg/L = micrograms per liter
mg/L = milligrams per liter
pCi/L = picocuries per liter
ND = Not Detected
NS = Not Sampled
NV = No Value
Q = Laboratory qualifier
Q1 = Validating Chemist Qualifier

Client Sample Nomenclature:
OT32 = Former Primate Research Facility Sewer Line
TMW = Temporary Monitoring Well
A = sample suffix denoting a field duplicate sample

Qualifiers:
Q = Elevated Reporting Limit (RL)
J (metals) = Method Blank contamination
J (organics) = Estimated Result. Result is less than the RL.
J (chemist Qualifier) = Qualified by the validating chemist (see Appendix E)
UJ = Estimated Non Detect. For non detected compounds, the sample quantitaion limit is qualified as approximate.
B (metals) = Estimated Result. Result is less than the RL.
B (organics) = Method Blank contamination
L = Serial dilution of a digestate in the analytical batch indicates that chemical and physical interferences are present.
U = Result is less than the sample detection limit
[1] Standards for Groundwater, if 10,000 mg/L TDS Concentration or Less, New Mexico Administrative Code 20.6.2.3103
[2] USEPA National Primary Drinking Water Regulations MCLs (816-F-09-004, May 2009)
[3] Table 3, *Conditional Approval Letter, Basewide Background Study Report, Holloman Air Force Base, New Mexico* (NMED, December 2011)
[4] Table 5-18, Basewide Background Study Report, Holloman Air Force Base, New Mexico (NationView/Bhate JV III, July, 2011)
[5] USEPA Secondary Drinking Water Standard (816-F-09-004, May 2009)
[6] Radionuclide Drinking Water MCLs, Table 2.3, EPA Soil Screening Guidance for Radionuclides; Technical Background Document (USEPA, October 2000)
[7] Negative Tritium concentrations are less than the minimum detectable concentration.
[8] Value established in the Basewide Background Study Report, HAFB, New Mexico (NationView/Bhate JV III, July 2011) and derived from the Total Groundwater UTL.
[9] Value is for PAHs: total naphthalene plus monomethylnaphthalenes.
Bold value indicates analytes above the New Mexico Groundwater Quality Standards or the USEPA MCLs
Indicates analytical results above the New Mexico Groundwater Quality Standard, or USEPA MCL, but below the NMED Approved Background Level
Indicates analytical results above the NMED Approved Background Level, but below the New Mexico Groundwater Quality Standard and USEPA MCL

Table 7-3
OT-32 Groundwater Analytical Results (July 2007)
Sites OT-32 and RW-42
Accelerated Corrective Measures Completion Report
Holloman AFB, New Mexico

Client Sample Identification:	Groundwater Screening Levels		Basewide Background		0T32-TMW06-A			0T32-TMW07			0T32-TMW08			0T32-TMW09			0T32-TMW10			0T32-TMW11			0T32-TMW12		
Lab Sample Identification:	NMWQCC[1]	USEPA MCL [2]	NMED Approved Background [3]	Dissolved Metals in Groundwater UTL [4]	D7G240162-004			D7G240162-002			D7G240162-001			D7G210163-018			D7G210163-017			D7G210163-013			D7G210163-012		
Date Sampled:					7/21/2007			7/20/2007			7/20/2007			7/20/2007			7/20/2007			7/20/2007			7/19/2007		
Analyte (Method)					Result	Q	Q1	Result	Q	Q1	Result	Q	Q1	Result	Q	Q1	Result	Q	Q1	Result	Q	Q1	Result	Q	Q1
General Chemistry (160.1)	**mg/L**	**mg/L**	**mg/L**	**mg/L**	**mg/L**			**mg/L**			**mg/L**			**mg/L**			**mg/L**			**mg/L**			**mg/L**		
Total Dissolved Solids	1,000	500 [5]	NV	65,956.58 [8]	**13,000**	Q	J	**13,000**	Q	J	**14,000**	Q	J	**13,000**	Q		**14,000**	Q		**11,000**	JQ	J	**12,000**	JQ	J
TAL Metals (6010B/7470A)	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**			**µg/L**			**µg/L**			**µg/L**			**µg/L**			**µg/L**			**µg/L**		
Aluminum	5,000	50 [5]	54	54.00	ND			ND			ND			**2,100**			ND			ND			ND		
Arsenic	100	10	10	28.53	ND			ND			ND			ND			ND			8.7	B		ND		
Barium	1,000	2,000	30.2	30.13	150			120			140			31			100			28			38		
Calcium	NV	NV	1,151,302	1,151,301.20	720,000	J	J	780,000	J	J	830,000	J	J	900,000	J	J	870,000	J	J	740,000	J	J	770,000	J	J
Cadmium	10	5	2.5	2.41	0.92	B		0.8	B		1.1	B		1.1	B		1.2	B		0.9	B		1	B	
Cobalt	50	NV	2.6	2.60	ND			1.8	B		2	B		6.1	B		4.6	B		1.2	B		4.1	B	
Copper	1,000	1,300	22	57.46	32			20			ND			170			54			ND			ND		
Iron	1,000	300 [5]	65.6	65.56	55	B		53	B		ND			200	J	J	29	JB	J	37	JB	J	ND		
Potassium	NV	NV	120,480	120,479.98	14,000	L	J	11,000	L	J	15,000	L	J	6,800			17,000			3,600			6,800		
Magnesium	NV	NV	3,630,927	3,630,926.70	550,000			510,000			620,000			760,000			570,000			440,000			510,000		
Manganese	200	50 [5]	50	118.65	**270**			**340**			**580**			**590**			**660**			**69**			**260**		
Sodium	NV	NV	19,972,499	19,972,499.00	3,200,000	J	J	2,900,000	J	J	3,500,000	J	J	2,700,000			3,200,000			2,400,000			2,300,000		
Nickel	200	NV	15.9	15.89	ND			7.9	B		ND			24	B		8.8	B		ND			ND		
Selenium	50	50	25.3	25.26	9.1	B		6.5	B		14	B		ND			8.2	B		ND			7.3	B	
Vanadium	NV	NV	73.8	73.73	7.6	B		7.2	B		4.5	B		19			6.6	B		27			15		
Zinc	10,000	5,000 [5]	23	56.28	28	J	J	40	J	J	130	J	J	35	J	J	69	J	J	6.1	JB	J	7.4	JB	J
Mercury	2	2	0.2	0.200	0.03	JB	J	0.034	JB	J	0.037	JB	J	0.04	JB	J	0.038	JB	J	0.036	JB	J	0.039	JB	J
VOC (8260B)	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**			**µg/L**			**µg/L**			**µg/L**			**µg/L**			**µg/L**			**µg/L**		
Acetone	NV	NV	NV	NV	37			8	J		30			ND			41			ND			ND		
Benzene	10	5	NV	NV	ND			ND			ND			0.49	J		ND			ND			ND		
Bromodichloromethane	NV	NV	NV	NV	ND			ND			ND			ND			ND			ND			ND		
2-Butanone (MEK)	NV	NV	NV	NV	4.7	J		ND			7.4			ND		UJ	3.2	J	J	ND		UJ	ND		UJ
Chloroform	100	NV	NV	NV	ND			ND			0.46	J		17			6			ND			2.6		
1,4-Dichlorobenzene	NV	75	NV	NV	ND			ND			ND			0.6	J		ND			ND			ND		
1,1-Dichloroethane	25	NV	NV	NV	ND			ND			ND			10			0.27	J		ND			0.46	J	
1,1-Dichloroethene	5	7	NV	NV	ND			ND			0.15	J		**18**			0.24	J		ND			0.38	J	
2-Hexanone	NV	NV	NV	NV	ND			ND			1.7	J		ND			ND			ND			ND		
Methylene chloride	100	5	NV	NV	ND			ND			ND			0.51	J	J	ND			ND			ND		
4-Methyl-2-pentanone	NV	NV	NV	NV	ND			ND			1.2	J		ND			ND			ND			ND		
Toluene	750	1,000	NV	NV	ND			ND			ND			ND			0.19	J		ND			ND		
1,1,2-Trichloroethane	10	5	NV	NV	ND			ND			ND			0.55	J		ND			ND			ND		
Trichloroethene	100	5	NV	NV	ND			ND			ND			0.18	J	J	ND		UJ	ND		UJ	ND		UJ
4-Isopropyltoluene	NV	NV	NV	NV	0.29	J		3			4.1			0.18	J		9.5			ND			ND		
Naphthalene	30 [9]	NV	NV	NV	0.24	J		ND			ND			ND			ND			ND			ND		
SVOC (8270C)	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**			**µg/L**			**µg/L**			**µg/L**			**µg/L**			**µg/L**			**µg/L**		
Acetophenone	NV	NV	NV	NV	1.2	J		ND			1.3	J		ND			ND			ND			ND		
bis(2-Ethylhexyl)phthalate	NV	NV	NV	NV	ND			ND			2.1	J		ND			2.6	J		ND			1.3	J	
Hexachloroethane	NV	NV	NV	NV	ND			ND			ND			ND			ND			2.3	J		ND		
Hexachlorobutadiene	NV	NV	NV	NV	ND			ND			ND			ND			ND			2.5	J		ND		
Radionuclides (906.0 MOD)	**pCi/L**	**pCi/L**	**pCi/L**	**pCi/L**	**pCi/L**			**pCi/L**			**pCi/L**			**pCi/L**			**pCi/L**			**pCi/L**			**pCi/L**		
Tritium [7]	NV	20,000 [6]	NV	NV	-60	U		-190	U		-70	U		-860	U		-700	U		-650	U		-850	U	

Notes:
NMWQCC = New Mexico Water Quality Control Commision
USEPA = United States Environmental Protection Agency
MCL = Maximum Contaminant Level
UTL = Upper Tolerance Limit
TAL = Target Analyte List
VOC = Volatile Organic Compounds
SVOC = Semi-Volatile Organic Compounds
µg/L = micrograms per liter
mg/L = milligrams per liter
pCi/L = picocuries per liter
ND = Not Detected
NS = Not Sampled
NV = No Value
Q = Laboratory qualifier
Q1 = Validating Chemist Qualifier

Client Sample Nomenclature:
OT32 = Former Primate Research Facility Sewer Line
TMW = Temporary Monitoring Well
A = sample suffix denoting a field duplicate sample

Qualifiers:
Q = Elevated Reporting Limit (RL)
J (metals) = Method Blank contamination
J (organics) = Estimated Result. Result is less than the RL.
J (chemist Qualifier) = Qualified by the validating chemist (see Appendix E)
UJ = Estimated Non Detect. For non detected compounds, the sample quantitaion limit is qualified as approximate.
B (metals) = Estimated Result. Result is less than the RL.
B (organics) = Method Blank contamination
L = Serial dilution of a digestate in the analytical batch indicates that chemical and physical interferences are present.
U = Result is less than the sample detection limit
[1] Standards for Groundwater, if 10,000 mg/L TDS Concentration or Less, New Mexico Administrative Code 20.6.2.3103
[2] USEPA National Primary Drinking Water Regulations MCLs (816-F-09-004, May 2009)
[3] Table 3, *Conditional Approval Letter, Basewide Background Study Report, Holloman Air Force Base, New Mexico* (NMED, December 2011)
[4] Table 5-18, Basewide Background Study Report, Holloman Air Force Base, New Mexico (NationView/Bhate JV III, July, 2011)
[5] USEPA Secondary Drinking Water Standard (816-F-09-004, May 2009)
[6] Radionuclide Drinking Water MCLs, Table 2.3, EPA Soil Screening Guidance for Radionuclides; Technical Background Document (USEPA, October 2000)
[7] Negative Tritium concentrations are less than the minimum detectable concentration.
[8] Value established in the Basewide Background Study Report, HAFB, New Mexico (NationView/Bhate JV III, July 2011) and derived from the Total Groundwater UTL.
[9] Value is for PAHs: total naphthalene plus monomethylnaphthalenes.
Bold value indicates analytes above the New Mexico Groundwater Quality Standards or the USEPA MCLs
Indicates analytical results above the New Mexico Groundwater Quality Standard, or USEPA MCL, but below the NMED Approved Background Level
Indicates analytical results above the NMED Approved Background Level, but below the New Mexico Groundwater Quality Standard and USEPA MCL

Table 7-4
RW-42 Soil Analytical Results (June 2007)
Sites OT-32 and RW-42
Accelerated Corrective Measures Completion Report
Holloman AFB, New Mexico

Client Sample Identification:	Soil Screening Levels	Basewide Background	RW42-DP01-10			RW42-DP01-16			RW42-DP01-24			RW42-DP01-24A			RW42-DP02-10			RW42-DP02-16			RW42-DP02-24			RW42-DP03-10		
Lab Sample Identification:	NMED Residential[1]	NMED Approved Background Levels [2]	D7F120221-014			D7F120221-015			D7F120221-016			D7F120221-017			D7F120221-018			D7F120221-019			D7F120221-020			D7F120221-021		
Date Sampled:			6/10/2007			6/10/2007			6/10/2007			6/10/2007			6/10/2007			6/10/2007			6/10/2007			6/10/2007		
Analyte			Result			Result			Result			Result			Result			Result			Result			Result		
General Chemistry (160.3 MOD)	%	%	%	Q	Q1	%	Q	Q1	%	Q	Q1	%	Q	Q1	%	Q	Q1	%	Q	Q1	%	Q	Q1	%	Q	Q1
Percent Moisture	NV	NV	12			8.5			16			14			7.9			11			14			13		
TAL Metals (6010B)	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
Aluminum	78,000	13,722	18,000			13,000			4,500		J	11,000		J	18,000			12,000			6,700			14,000		
Arsenic	3.9	3.7	2.7			3.4			2	B		2.5			3.2			1.8	B		2.2	B		3.4		
Barium	15,600	169.3	140			130			44		J	83		J	120			100			50			110		
Beryllium	156	1.6	0.99			0.74			0.21	B	J	0.58		J	0.88			0.59			0.37	B		0.68		
Cadmium	70.3	0.3	0.17	B		0.14	B		ND			0.097	B		0.22	B		0.088	B		ND			0.18	B	
Calcium	NV [3]	317,332	100,000			120,000			140,000			140,000			110,000			98,000			73,000			130,000		
Chromium	117,000	25	19			15			5.6		J	14		J	20			13			8.5			16		
Cobalt	23 [4]	7.7	5.7			4.7			1.6		J	4.2		J	6.6			3.5			2.5			5.4		
Copper	3,130	13	11			7			3.2		J	6.7		J	11			7.1			4.2			8.4		
Iron	54,800	23,049	15,000			13,000			4,800		J	11,000		J	15,000			9,800			7,500			12,000		
Lead	400	10.9	8.4			6.6			2.7		J	5.9		J	8.7			5.4			3.7			7.3		
Magnesium	NV [3]	16,991	7,700			5,400			1,800		J	5,000		J	7,600			4,800			2,800			7,200		
Manganese	1,860	393	170	J	J	110	J	J	59	J	J	160	J	J	220	J	J	110	J	J	120	J	J	240	J	J
Nickel	1,560	17.4	14			11			3.8	B	J	9.8		J	14			8.7			6.3			12		
Potassium	NV [3]	5,077	4,400			3,500			1,200		J	3,200		J	4,700			2,900			1,500			3,400		
Sodium	NV [3]	5,196	3,000			2,700			1,200		J	2,500		J	2,900			2,400			1,500			2,400		
Vanadium	391	42.6	30			25			11		J	22		J	33			19			16			31		
Zinc	23,500	54.6	45			34			12		J	33		J	44			27			18			33		
TAL Metals-Mercury (7471A)	mg/kg	µg/kg	µg/kg			µg/kg			µg/kg			µg/kg			µg/kg			µg/kg			µg/kg			µg/kg		
Mercury	15.6	10.8	ND			6.6	B		ND			ND			6.2	B		3.3	B		ND			4	B	
TPH (8015B)	mg/kg	mg/kg	mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg			mg/kg		
Gasoline Range Organics (C6-C10)	1,000 [5]	NV	0.74	JB	J	0.37	JB	J	ND			ND			ND			ND			ND			ND		
Diesel Range Organics (C10-C22)	1,000 [5]	NV	1.9	JB	J	1.8	JB	J	2.1	JB	J	2.3	JB	J	2.1	JB	J	1.8	JB	J	2.1	JB	J	2.1	JB	J
VOC (8260B)	mg/kg	mg/kg	µg/kg			µg/kg			µg/kg			µg/kg			µg/kg			µg/kg			µg/kg			µg/kg		
Acetone	66,600	NV	ND			ND			9.5	J		8.2	J		ND			20			ND			ND		
2-Butanone (MEK)	37,100	NV	ND			ND			2.9	J		ND			ND			ND			ND			ND		
1,2,4-Trichlorobenzene	73	NV	ND			ND			ND			ND			ND			ND			ND			0.95	J	
Hexachlorobutadiene	61.1	NV	ND			ND			ND			ND			ND			ND			ND			0.76	J	
1,2,3-Trichlorobenzene	49 [4]	NV	ND			ND			ND			ND			ND			ND			ND			1.2	J	
Naphthalene	43	NV	0.76	JB	J	ND			ND			ND			ND			ND			ND			1.8	JB	J
SVOC (8270C)	mg/kg	mg/kg	µg/kg			µg/kg			µg/kg			µg/kg			µg/kg			µg/kg			µg/kg			µg/kg		
bis(2-Ethylhexyl)phthalate	347	NV	ND			ND			ND			ND			ND			ND			ND			ND		
Radionuclides (906.0 MOD)	pCi/g	pCi/g	pCi/g			pCi/g			pCi/g			pCi/g			pCi/g			pCi/g			pCi/g			pCi/g		
Tritium [6]	323,000,000 [7]	NV	0.04	U		0.13	U		0.20	J		0.16	U		-0.059	U		0.011	U		0.05	U		-0.024	U	

Notes:
NMED = New Mexico Environment Department
TAL = Target Analyte List
TPH = Total Petroleum Hydrocarbons
VOC = Volatile Organic Compounds
SVOC = Semi-Volatile Organic Compounds
µg/kg = micrograms per kilogram
mg/kg = milligrams per kilogram
pCi/g = picocuries per gram
J = Estimated result. Result is less than the reporting limit.
% = percent
ND = Not Detected
NV = No Value
bgs = below ground surface
Q = Laboratory qualifier
Q1 = Validating Chemist Qualifier

Client Sample Nomenclature:
RW42 = Radioactive Waste Burial Site 42
DP = Direct Push
A = sample suffix denoting a field duplicate sample
The final digits equal the ending depth of the sampled interval (feet bgs)

Qualifiers:
J (metals) = Method Blank contamination
J (organics) = Estimated Result. Result is less than the Reporting Limit (RL).
J (chemist Qualifier) = Qualified by the validating chemist (see Appendix E).
B (metals) = Estimated Result. Result is less than the RL.
B (organics) = Method Blank contamination
U = Result is less than the sample detection limt

[1] Table A-1, NMED Soil Screening Levels (SSLs). *Risk Assessment Guidance for Site Investigations and Remediation* (NMED, February 2012)
[2] Table 1, *Conditional Approval Letter, Basewide Background Study Report, Holloman Air Force Base, New Mexico* (NMED, December 2011)
[3] No Value established for NMED Residential SSL (February 2012) and USEPA RSL (May 2012)
[4] USEPA Regional Screening Levels (RSLs) (May, 2012)
[5] Table 6-3, TPH Screening Guidelines for Diesel #2/crankcase oil, Residential Direct Exposure. *Risk Assessment Guidance for Site Investigations and Remediation* (NMED, February 2012)
[6] Negative Tritium concentrations are less then the minimum detectable concentration
[7] USEPA *Soil Screening Guidance for Radionuclides: Technical Background Document* ; Table A.1 (Inhalation of Fugitive Dusts) (Oct. 2000)

Bold value indicates analytes above NMED SSLs (February 2012) or TPH results above NMED TPH Screening Guidelines
Indicates analytical results above the NMED Residential SSL, but below the NMED Approved Background Level
Indicates analytical results above the NMED Approved Background Level, but below the NMED Residential SSL

Table 7-4
RW-42 Soil Analytical Results (June 2007)
Sites OT-32 and RW-42
Accelerated Corrective Measures Completion Report
Holloman AFB, New Mexico

Client Sample Identification:	**Soil Screening Levels**	**Basewide Background**	**RW42-DP03-16**			**RW42-DP03-24**			**RW42-DP04-10**			**RW42-DP04-16**			**RW42-DP04-24**			**RW42-DP04-24A**		
Lab Sample Identification:	**NMED Residential[1]**	**NMED Approved Background Levels [2]**	**D7F120221-022**			**D7F120221-023**			**D7F120221-024**			**D7F120221-025**			**D7F120221-026**			**D7F120221-027**		
Date Sampled:			**6/10/2007**			**6/10/2007**			**6/10/2007**			**6/10/2007**			**6/10/2007**			**6/10/2007**		
Analyte			**Result**			**Result**			**Result**			**Result**			**Result**			**Result**		
General Chemistry (160.3 MOD)	**%**	**%**	**%**	**Q**	**Q1**	**%**	**Q**	**Q1**	**%**	**Q**	**Q1**	**%**	**Q**	**Q1**	**%**	**Q**	**Q1**	**%**	**Q**	**Q1**
Percent Moisture	NV	NV	13			35			13			14			11			13		
TAL Metals (6010B)	**mg/kg**	**mg/kg**	**mg/kg**			**mg/kg**			**mg/kg**			**mg/kg**			**mg/kg**			**mg/kg**		
Aluminum	78,000	13,722	10,000			6,000			11,000			9,800			3,200			4,400		
Arsenic	3.9	3.7	3			3.2			2.6			2.8			1.4	B		1.1	B	
Barium	15,600	169.3	84			80			89			88			27			42		
Beryllium	156	1.6	0.53	B		0.36	B		0.5	B		0.5	B		ND			0.21	B	
Cadmium	70.3	0.3	0.11	B		0.1	B		0.18	B		0.098	B		ND			0.053	B	
Calcium	NV [3]	317,332	140,000			150,000			130,000			140,000			160,000			110,000		
Chromium	117,000	25	14			7.8			13			13			4.2			5.6		
Cobalt	23 [4]	7.7	4.5			2.6			4.1			4			1.2		J	2.2		J
Copper	3,130	13	7.7			4.6			7.1			6			2.2			2.5		
Iron	54,800	23,049	11,000			7,600			9,600			11,000			3,700			4,800		
Lead	400	10.9	6.1			4.5			5.8			5.7			2.1			2.7		
Magnesium	NV [3]	16,991	4,500			3,000			6,100			4,200			1,400			1,900		
Manganese	1,860	393	240	J	J	140	J	J	190	J	J	150	J	J	35	J	J	54	J	
Nickel	1,560	17.4	9.9			5.7	B		8.9			8.7			2.6	B		3.7	B	
Potassium	NV [3]	5,077	2,900			1,500			3,000			2,700			860			1,200		
Sodium	NV [3]	5,196	2,300			1,800			2,200			2,200			1,100			1,400		
Vanadium	391	42.6	25			18			24			24			9.2			9.7		
Zinc	23,500	54.6	29			18			26			28			11			12		
TAL Metals-Mercury (7471A)	**mg/kg**	**µg/kg**	**µg/kg**			**µg/kg**			**µg/kg**			**µg/kg**			**µg/kg**			**µg/kg**		
Mercury	15.6	10.8	3.6	B		ND			8.1	B		ND			ND			ND		
TPH (8015B)	**mg/kg**	**mg/kg**	**mg/kg**			**mg/kg**			**mg/kg**			**mg/kg**			**mg/kg**			**mg/kg**		
Gasoline Range Organics (C6-C10)	1,000 [5]	NV	ND			ND			ND			ND			ND			ND		
Diesel Range Organics (C10-C22)	1,000 [5]	NV	1.9	JB	J	2.8	JB	J	2.1	JB	J	2.0	JB	J	2.1	JB	J	2.0	JB	J
VOC (8260B)	**mg/kg**	**mg/kg**	**µg/kg**			**µg/kg**			**µg/kg**			**µg/kg**			**µg/kg**			**µg/kg**		
Acetone	66,600	NV	ND			ND			ND			8.4	J		7.3	J		ND		
2-Butanone (MEK)	37,100	NV	ND			ND			ND			ND			ND			ND		
1,2,4-Trichlorobenzene	73	NV	ND			ND			ND			ND			ND			ND		
Hexachlorobutadiene	61.1	NV	ND			ND			ND			ND			ND			ND		
1,2,3-Trichlorobenzene	49 [4]	NV	ND			ND			ND			ND			ND			ND		
Naphthalene	43	NV	1.0	JB	J	ND			ND			ND			ND			ND		
SVOC (8270C)	**mg/kg**	**mg/kg**	**µg/kg**			**µg/kg**			**µg/kg**			**µg/kg**			**µg/kg**			**µg/kg**		
bis(2-Ethylhexyl)phthalate	347	NV	48	J		ND			ND			150	JB	J	62	J		ND		
Radionuclides (906.0 MOD)	**pCi/g**	**pCi/g**	**pCi/g**			**pCi/g**			**pCi/g**			**pCi/g**			**pCi/g**			**pCi/g**		
Tritium [6]	323,000,000 [7]	NV	0.012	U		0.07	U		0.03	U		0.06	U		-0.013	U		0.08	U	

Notes:
NMED = New Mexico Environment Department
TAL = Target Analyte List
TPH = Total Petroleum Hydrocarbons
VOC = Volatile Organic Compounds
SVOC = Semi-Volatile Organic Compounds
µg/kg = micrograms per kilogram
mg/kg = milligrams per kilogram
pCi/g = picocuries per gram
J = Estimated result. Result is less than the reporting limit.
% = percent
ND = Not Detected
NV = No Value
bgs = below ground surface
Q = Laboratory qualifier
Q1 = Validating Chemist Qualifier

Client Sample Nomenclature:
RW42 = Radioactive Waste Burial Site 42
DP = Direct Push
A = sample suffix denoting a field duplicate sample
The final digits equal the ending depth of the sampled interval (feet bgs)

Qualifiers:
J (metals) = Method Blank contamination
J (organics) = Estimated Result. Result is less than the Reporting Limit (RL).
J (chemist Qualifier) = Qualified by the validating chemist (see Appendix E).
B (metals) = Estimated Result. Result is less than the RL.
B (organics) = Method Blank contamination
U = Result is less than the sample detection limt

[1] Table A-1, NMED Soil Screening Levels (SSLs). *Risk Assessment Guidance for Site Investigations and Remediation* (NMED, February 2012)
[2] Table 1, *Conditional Approval Letter, Basewide Background Study Report, Holloman Air Force Base, New Mexico* (NMED, December 2011)
[3] No Value established for NMED Residential SSL (February 2012) and USEPA RSL (May 2012)
[4] USEPA Regional Screening Levels (RSLs) (May 2012)
[5] Table 6-3, TPH Screening Guidelines for Diesel #2/crankcase oil, Residential Direct Exposure. *Risk Assessment Guidance for Site Investigations and Remediation* (NMED, February 2012)
[6] Negative Tritium concentrations are less then the minimum detectable concentration
[7] USEPA *Soil Screening Guidance for Radionuclides: Technical Background Document* ; Table A.1 (Inhalation of Fugitive Dusts) (Oct. 2000)

Bold value indicates analytes above NMED SSLs (February 2012) or TPH results above NMED TPH Screening Guidelines
Indicates analytical results above the NMED Residential SSL, but below the NMED Approved Background Level
Indicates analytical results above the NMED Approved Background Level, but below the NMED Residential SSL

Table 7-5
RW-42 Soil Geotechnical Results
Sites OT-32 and RW-42
Accelerated Corrective Measures Completion Report
Holloman AFB, New Mexico

Client Sample Identification	**Method**	**Unit**	**RW42-MW02-16**	**RW42-MW02-26**	**Average**
Lab Sample Identification			**F51388-5**	**F51388-6**	
Depth (ft bgs)			**14-16**	**24-25**	
Date sampled			**7/21/2007**	**7/21/2007**	
Parameter					
Bulk Density (Dry Basis)	ASTM D2937-94 M	g/mL	1	1.3	1.150
Fractional Organic Carbon	ASTM D2974-87	%	13	5.6	9.300
Moisture Content (Solids, Percent)	USEPA 160.3	%	5.1	3.2	4.150
Specific Gravity	ASTM 1429	Unitless	1.2	1.6	1.400

Notes:
ASTM - American Society for Testing and Materials
USEPA - U.S. Environmental Protection Agency
ft bgs - Feet below ground surface
g/mL - grams per milliliter
% - percent

Table 7-6
RW-42 Groundwater Analytical Results (July 2007)
Sites OT-32 and RW-42
Accelerated Corrective Measures Completion Report
Holloman AFB, New Mexico

Client Sample Identification:	**Groundwater Screening Levels**		**Basewide Background**		**RW42-MW01**			**RW42-MW02**			**RW42-MW02-A**			**RW42-MW03**		
Lab Sample Identification:	**NMWQCC[1]**	**USEPA MCL [2]**	**NMED Approved Background [3]**	**Dissolved Metals in Groundwater UTL [4]**	**D7G260168-001**			**D7G240162-012**			**D7G240162-013**			**D7G240162-014**		
Date Sampled:					**7/24/2007**			**7/23/2007**			**7/23/2007**			**7/23/2007**		
Analyte					**Result**			**Result**			**Result**			**Result**		
General Chemistry (160.1)	**mg/L**	**mg/L**	**mg/L**	**mg/L**	**mg/L**	**Q**	**Q1**	**mg/L**	**Q**	**Q1**	**mg/L**	**Q**	**Q1**	**mg/L**	**Q**	**Q1**
Total Dissolved Solids	1,000	500 [5]	NV	65,956.58 [8]	**13,000**	Q		**13,000**	Q		**13,000**	Q		**13,000**	Q	
TAL Metals (6010B/7470A)	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**			**µg/L**			**µg/L**			**µg/L**		
Barium	1,000	2,000	30.2	30.13	25			33			33			54		
Calcium	NV	NV	1,151,302	1,151,301.20	690,000	J	J	670,000	J	J	680,000	J	J	670,000	J	J
Cadmium	10	5	2.5	2.41	0.7	B		0.66	B		0.55	B		0.48	B	
Cobalt	50	NV	2.6	2.60	ND			ND			ND			1.5	B	
Copper	1,000	1,300	22	57.46	180			42			44			170		
Iron	1,000	300 [5]	65.6	65.56	ND			24	B		ND			ND		
Potassium	NV	NV	120,480	120,479.98	9,500			7,800	L	J	7,900	L	J	8,800	L	J
Magnesium	NV	NV	3,630,927	3,630,926.70	590,000			570,000			570,000			600,000		
Manganese	200	50 [5]	50	118.65	48			**130**			**130**			**240**		
Sodium	NV	NV	19,972,499	19,972,499.00	2,700,000			2,600,000	J	J	2,600,000	J	J	2,700,000	J	J
Selenium	50	50	25.3	25.26	6.5	B		15			9.6	B		17		
Vanadium	NV	NV	73.8	73.73	7.1	B		5.7	B		5.4	B		5	B	
Zinc	10,000	5,000 [5]	23	56.28	20	J	J	73	J	J	76	J	J	55	J	J
Mercury	2	2	0.2	0.200	ND			0.032	JB	J	0.032	JB	J	0.038	JB	J
VOC (8260B)	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**			**µg/L**			**µg/L**			**µg/L**		
Acetone	NV	NV	NV	NV	ND			3.9	J		ND			5.2	J	
Bromoform	NV	NV	NV	NV	ND			ND			ND			0.2	J	
Methylene chloride	100	5	NV	NV	ND			0.37	JB	J	0.37	JB	J	0.36	JB	J
SVOC (8270C)	**µg/L**	**µg/L**	**µg/L**	**µg/L**	**µg/L**			**µg/L**			**µg/L**			**µg/L**		
All	NV	NV	NV	NV	ND			ND			ND			ND		
Radionuclides (906.0 MOD)	**pCi/g**	**pCi/g**	**pCi/g**	**pCi/g**	**pCi/g**			**pCi/g**			**pCi/g**			**pCi/g**		
Tritium [7]	NV	20,000 [6]	NV	NV	40	U		30	U		-20	U		-20	U	

Notes:

NMWQCC = New Mexico Water Quality Control Commision
USEPA = United States Environmental Protection Agency
MCL = Maximum Contaminant Level
UTL = Upper Tolerance Limit
TAL = Target Analyte List
VOC = Volatile Organic Compounds
SVOC = Semi-Volatile Organic Compounds
µg/L = micrograms per liter
mg/L = milligrams per liter
pCi/L = picocuries per liter
ND = Not Detected
NV = No Value

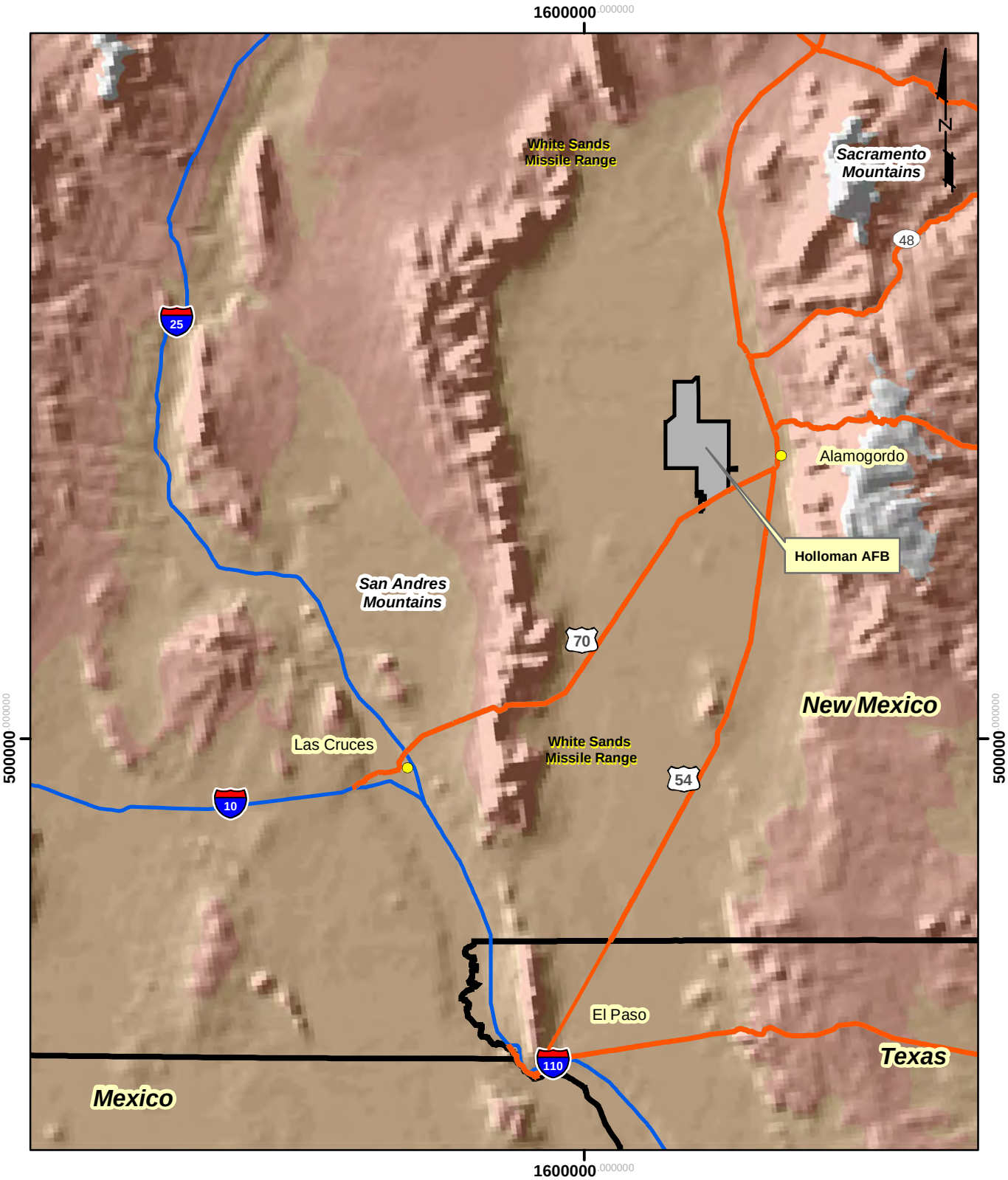
Qualifiers:
Q = Elevated Reporting Limit (RL)
J (metals) = Method Blank contamination
J (organics) = Estimated Result. Result is less than the RL.
J (chemist Qualifier) = Qualified by the validating chemist (see Appendix E)
B (metals) = Estimated Result. Result is less than the RL.
B (organics) = Method Blank contamination
L = Serial dilution of a digestate in the analytical batch indicates that chemical and physical interferences are present.
U = Result is less than the sample detection limit

Client Sample Nomenclature:
RW42 = Radioactive Waste Burial Site 42
MW = Monitoring Well
A = sample suffix denoting a field duplicate sample

[1] Standards for Groundwater, if 10,000 mg/L TDS Concentration or Less, New Mexico Administrative Code 20.6.2.3103
[2] USEPA National Primary Drinking Water Regulations MCLs (816-F-09-004, May 2009)
[3] Table 3, *Conditional Approval Letter, Basewide Background Study Report, Holloman Air Force Base, New Mexico* (NMED, December 2011)
[4] Table 5-18, *Basewide Background Study Report, Holloman Air Force Base, New Mexico* (NationView/Bhate JV III, July, 2011)
[5] USEPA Secondary Drinking Water Standard (816-F-09-004, May 2009)
[6] Radionuclide Drinking Water MCLs, Table 2.3, EPA *Soil Screening Guidance for Radionuclides; Technical Background Document* (USEPA, Oct. 2000)
[7] Negative Tritium concentrations are less than the minimum detectable concentration
[8] Value established in the *Basewide Background Study Report*, HAFB, NM (NationView/Bhate JV III, July 2011) and derived from the Total Groundwater UTL

Bold value indicates analytes above the New Mexico Groundwater Quality Standards or the USEPA MCLs
Indicates analytical results above the New Mexico Groundwater Quality Standard, or USEPA MCL, but below the NMED Approved Background Level
Indicates analytical results above the NMED Approved Background Level, but below the New Mexico Groundwater Quality Standard and USEPA MCL

FIGURES



0 4.5 9 18 27 36 Miles

Note: Projection-New Mexico State Plane Coordinate System, Central Zone, North American Horizontal Datum 1983 (feet).

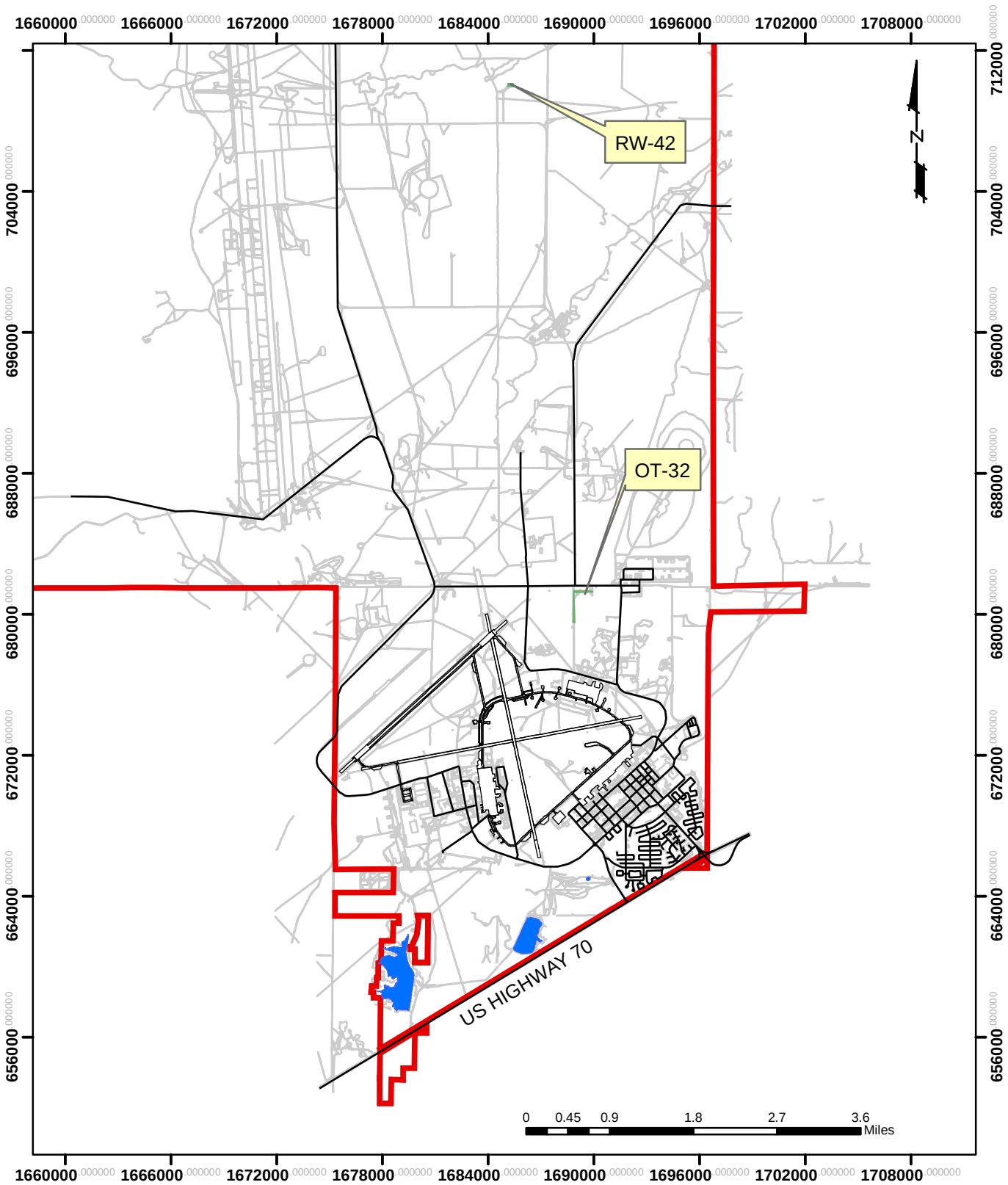
bhate ENVIRONMENTAL CONSTRUCTION ENERGY

Holloman AFB, New Mexico Location Map

PROJECT NO.	SCALE	DATE	DRAWN BY:
9110161	1"=18 Miles	6/29/12	cm
			DRAWING NO: Figure 2-1

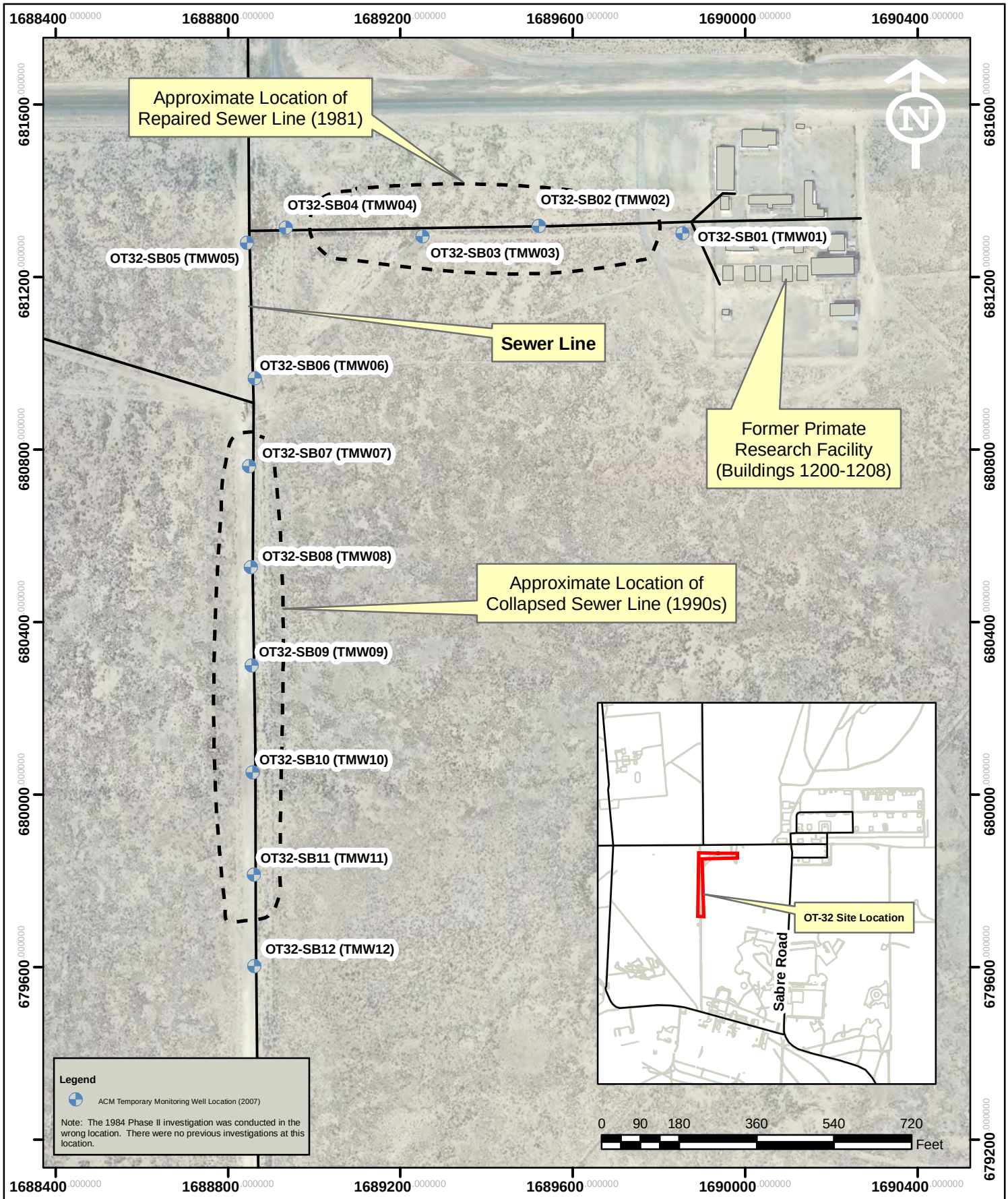
Sites OT-32 and RW-42
Accelerated Corrective Measures
Completion Report
Holloman AFB, New Mexico

Figure 2-1



bhate ENVIRONMENTAL CONSTRUCTION ENERGY

OT-32 and RW-42 Site Location Map				Sites OT-32 and RW-42 Accelerated Corrective Measures Completion Report Holloman AFB, New Mexico
9110161	1"=8000'	6/29/12	cm Figure 2-2	Figure 2-2



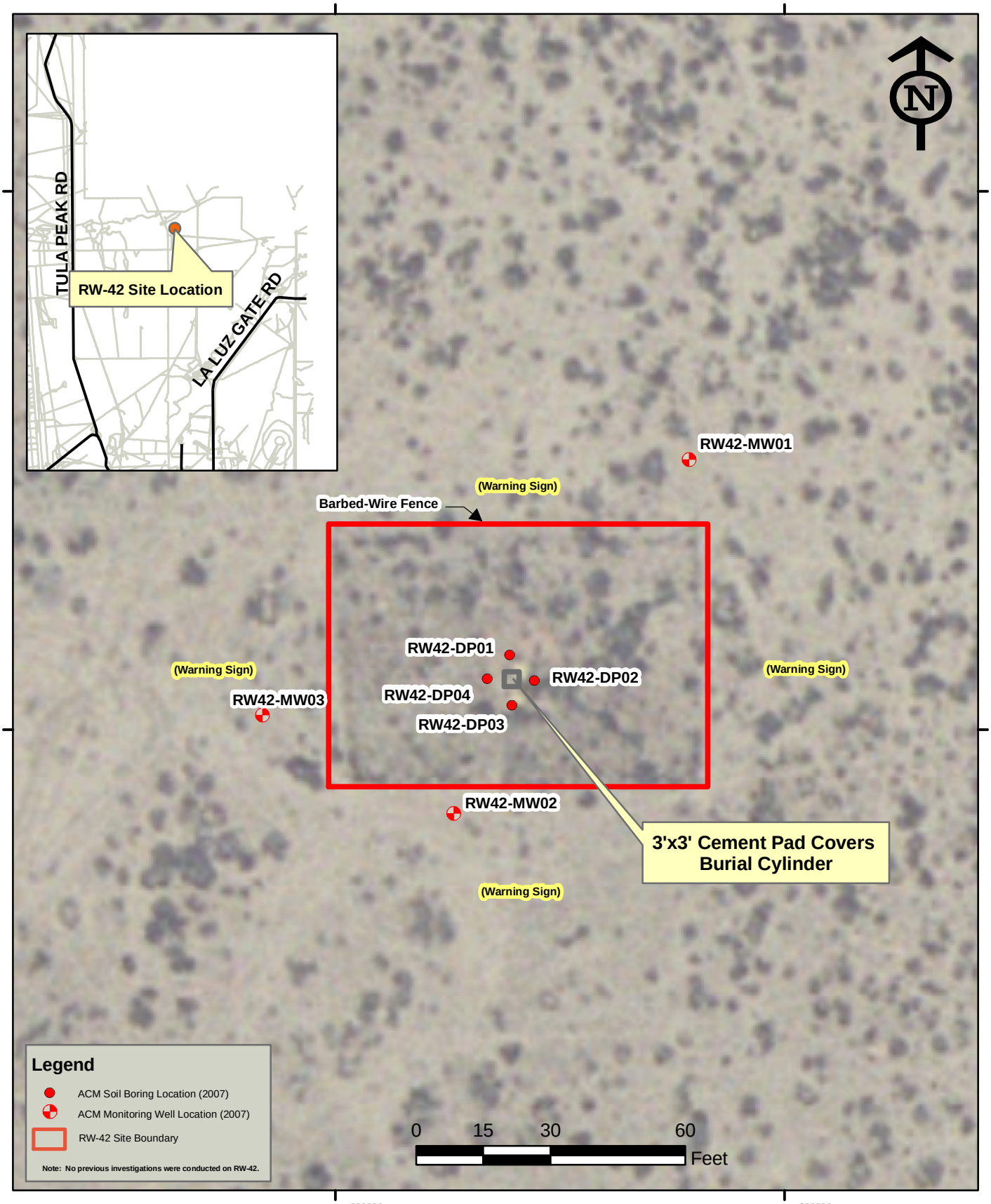
bhate ENVIRONMENTAL CONSTRUCTION ENERGY

OT-32 Site Map and ACM Sampling Locations

9110161	1"=300'	6/29/12	cm fig2-3

Sites OT-32 and RW-42
Accelerated Corrective Measures
Completion Report
Holloman AFB, New Mexico

Figure 2-3



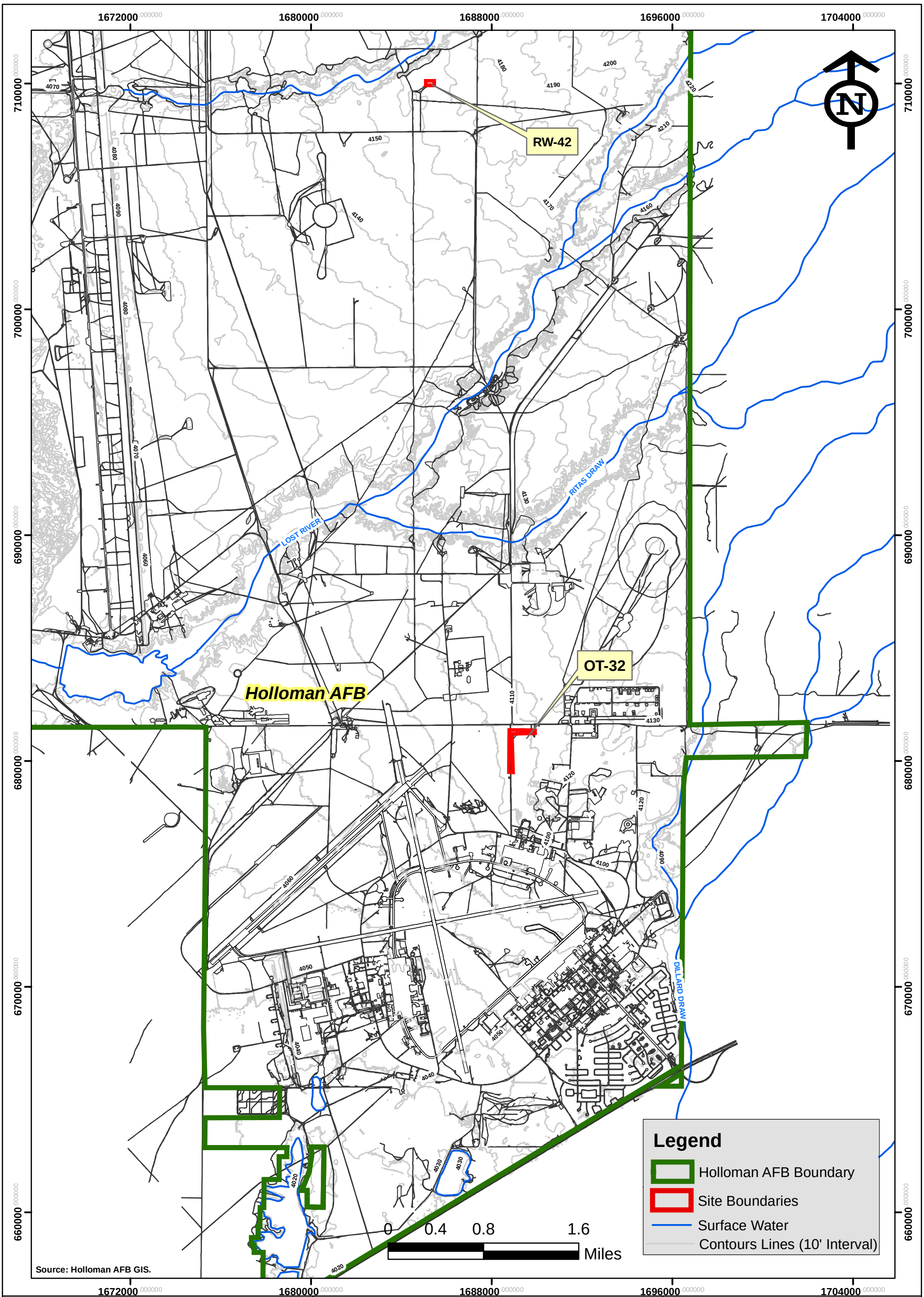
bhate ENVIRONMENTAL CONSTRUCTION ENERGY

RW-42 Site Map and ACM Sampling Locations

9110161	1"=30'	6/29/12	cm fig2-4

Sites OT-32 and RW-42
Accelerated Corrective Measures
Completion Report
Holloman AFB, New Mexico

Figure 2-4



bhate ENVIRONMENTAL CONSTRUCTION ENERGY

Topographic Map
Holloman AFB, New Mexico

PROJECT NO.	SCALE	DATE	DRAWN BY:
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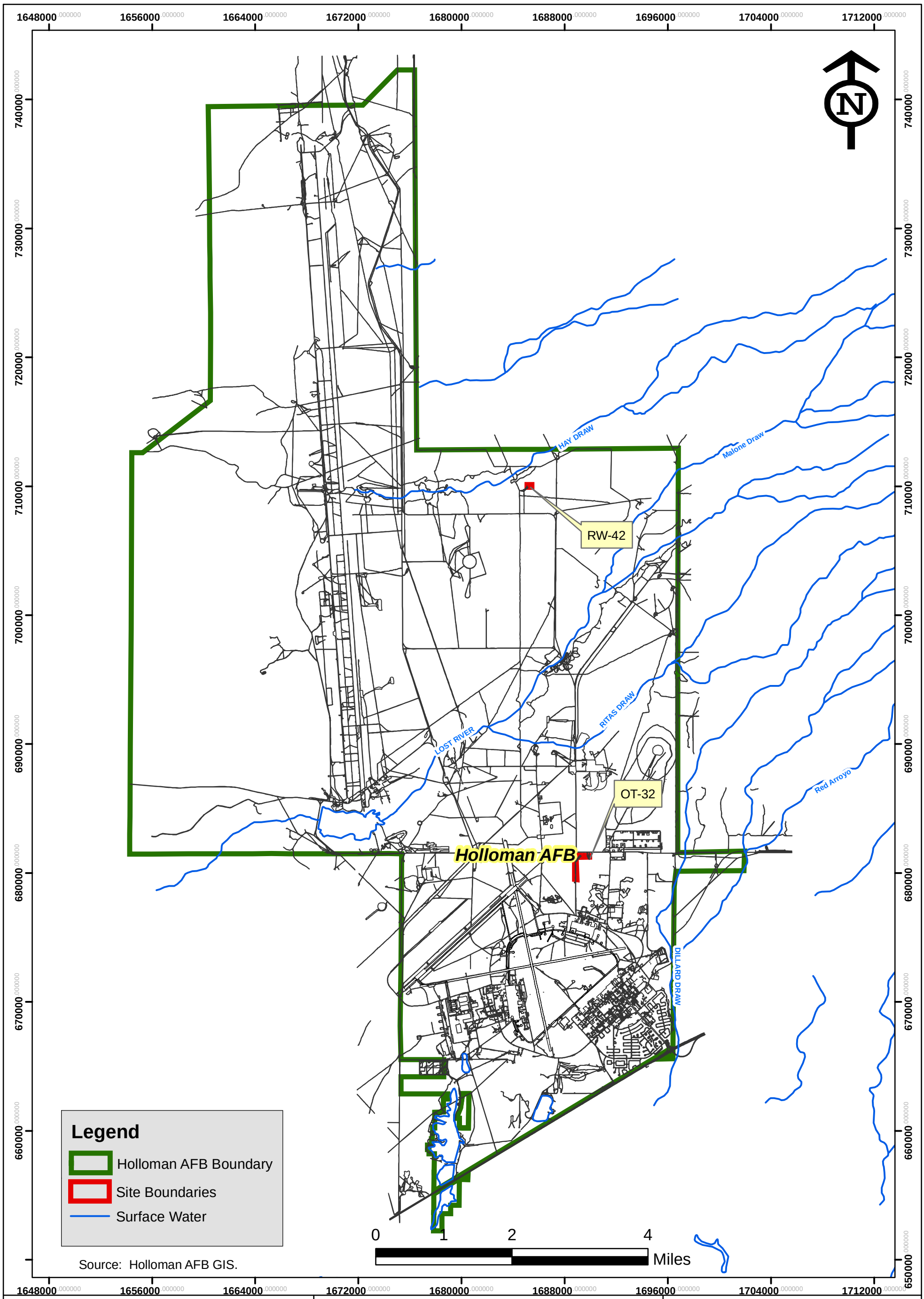
			DRAWING NO: Topo_3-1

Sites OT-32 and RW-42
Accellerated Corrective Measures
Completion Report
Holloman AFB, New Mexico

Figure 3-1



bhate ENVIRONMENTAL CONSTRUCTION ENERGY

Surface Drainages
Holloman AFB, New Mexico

PROJECT NO.	SCALE	DATE	DRAWN BY:
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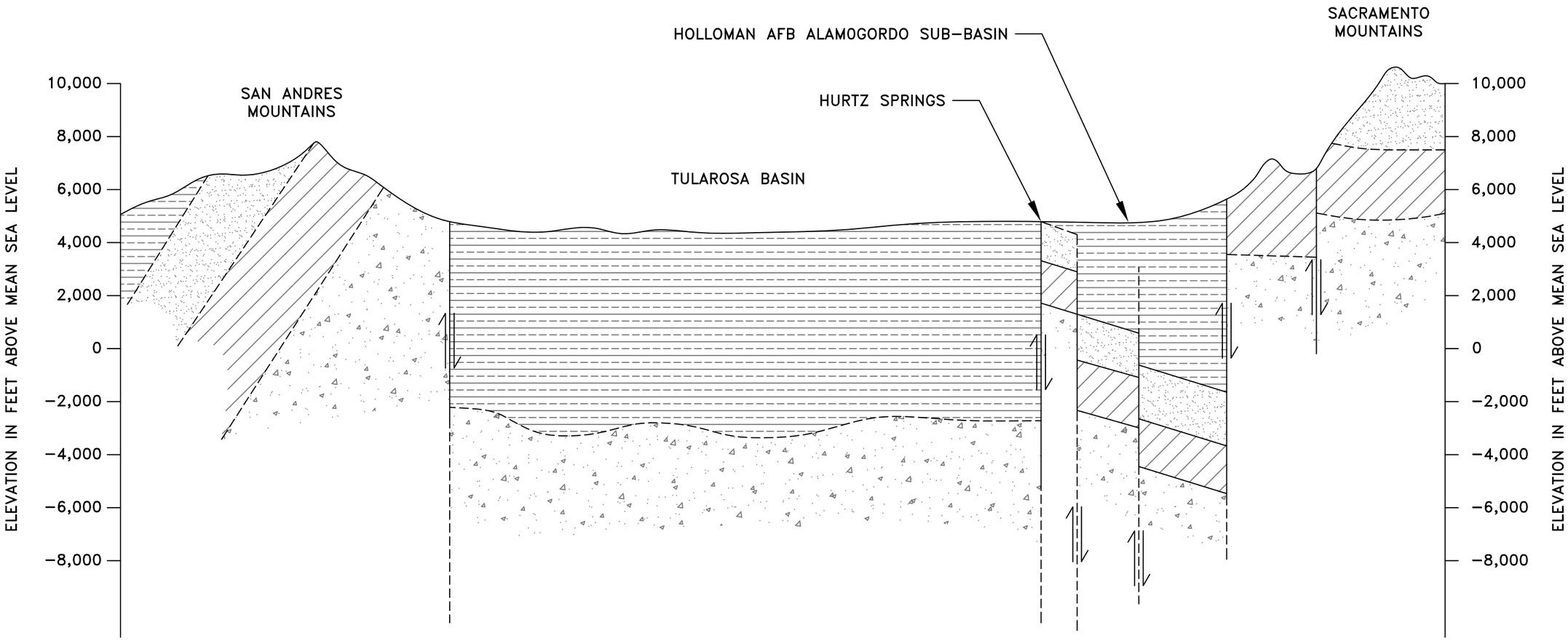
			DRAWING NO: drainage_3-2

Sites OT-32 and RW-42
Accellerated Corrective Measures
Completion Report
Holloman AFB, New Mexico

Figure 3-2



LEGEND:

- CENOZOIC ALLUVIUM AND LAKE DEPOSITS
- SEDIMENTARY ROCK OF PERMIAN AGE
- SEDIMENTARY ROCKS OF CAMBRIAN, ORDOVICIAN, SILURIAN, DEVONIAN, MISSISSIPPIAN AND PENNSYLVANIAN AGE
- INTRUSIVE ROCKS OF TERTIARY, CRETACEOUS OR PRECAMBRIAN AGE
- FAULT, ARROWS INDICATE RELATIVE MOVEMENT

0 5 10
SCALE IN MILES:

NOTES:
This information is depicted to provide visual aid within the context of this report and should not be used as a sole reference in precise dimensioning of features indicated. Please verify the location of all features including underground and aboveground utilities prior to conducting any subsurface exploration or site assessment.

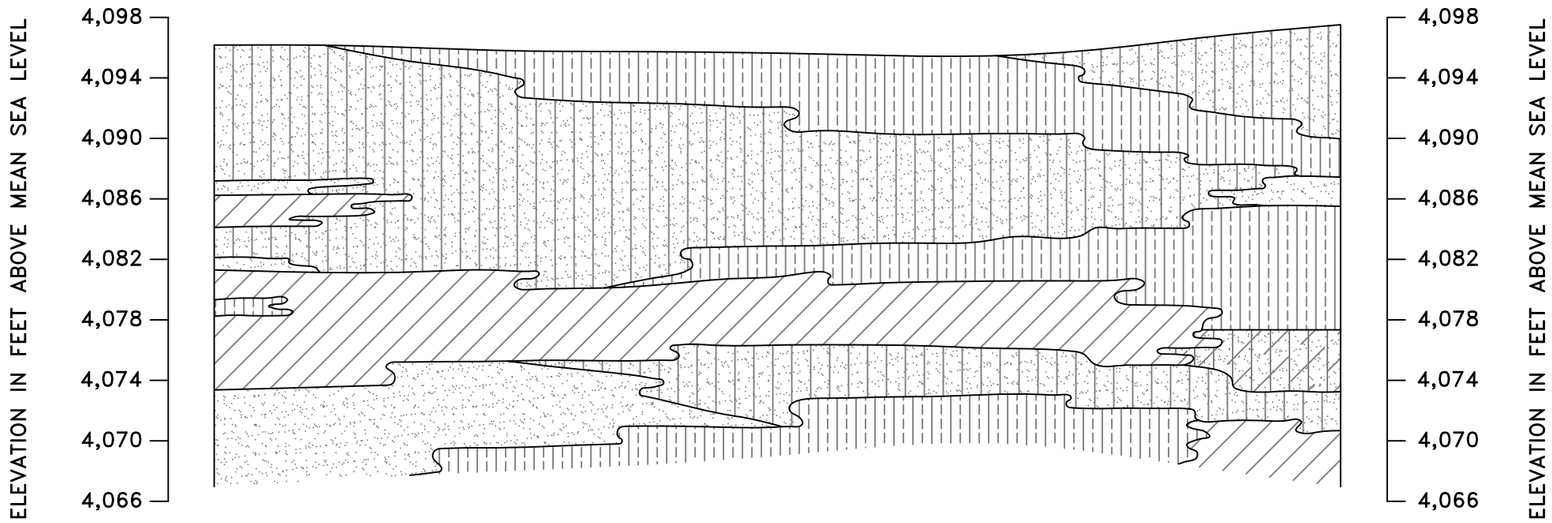
Sites OT-32 and RW-42
Accelerated Corrective Measures
Completion Report
Holloman AFB, New Mexico

Figure 3-3

GENERALIZED GEOLOGIC CROSS SECTION OF THE TULAROSA BASIN

PROJECT NO.	SCALE	DATE	DRAWN BY:	DRAWING NO:
9110161	SHOWN	6/29/12	MRM	Figure 3-3

bhate ENVIRONMENTAL CONSTRUCTION ENERGY



LEGEND:

- CL AND CH – CLAY
- ML AND MH – SILT
- SM – SILTY SAND
- SM–SC – SILTY, CLAYEY SAND
- SP – SAND

NOTES:

This information is depicted to provide visual aid within the context of this report and should not be used as a sole reference in precise dimensioning of features indicated. Please verify the location of all features including underground and aboveground utilities prior to conducting any subsurface exploration or site assessment.

0' 100' 200'

SCALE IN FEET:

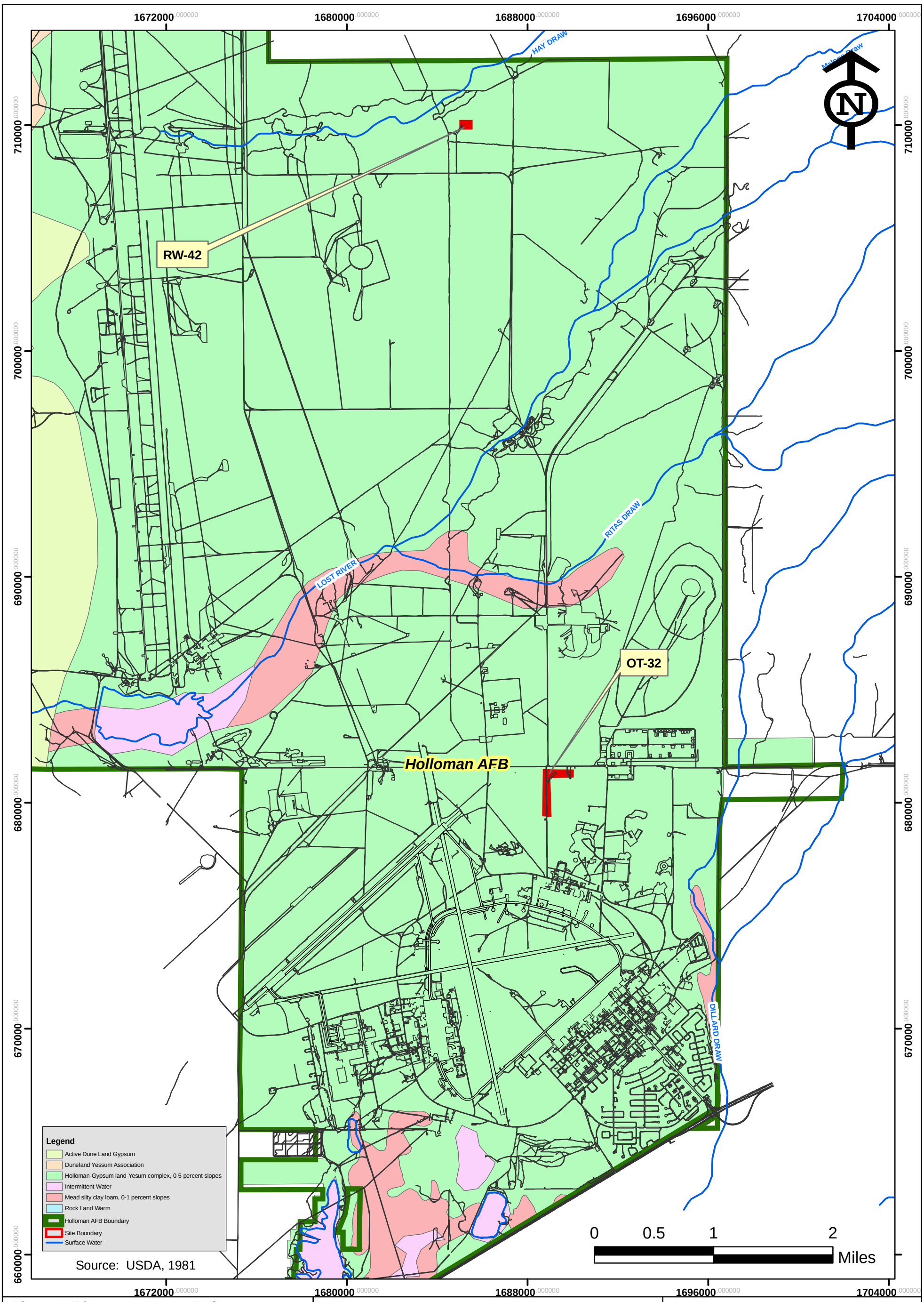
Sites OT–32 and RW–42
Accelerated Corrective Measures
Completion Report
Holloman AFB, New Mexico

Figure 3–4

GENERALIZED NEAR–SURFACE GEOLOGIC CROSS SECTION FOR HOLLOMAN AFB

PROJECT NO.	SCALE	DATE	DRAWN BY:	DRAWING NO:
9110161	SHOWN	6/29/12	MRM	Figure 3–4

bhate ENVIRONMENTAL CONSTRUCTION ENERGY



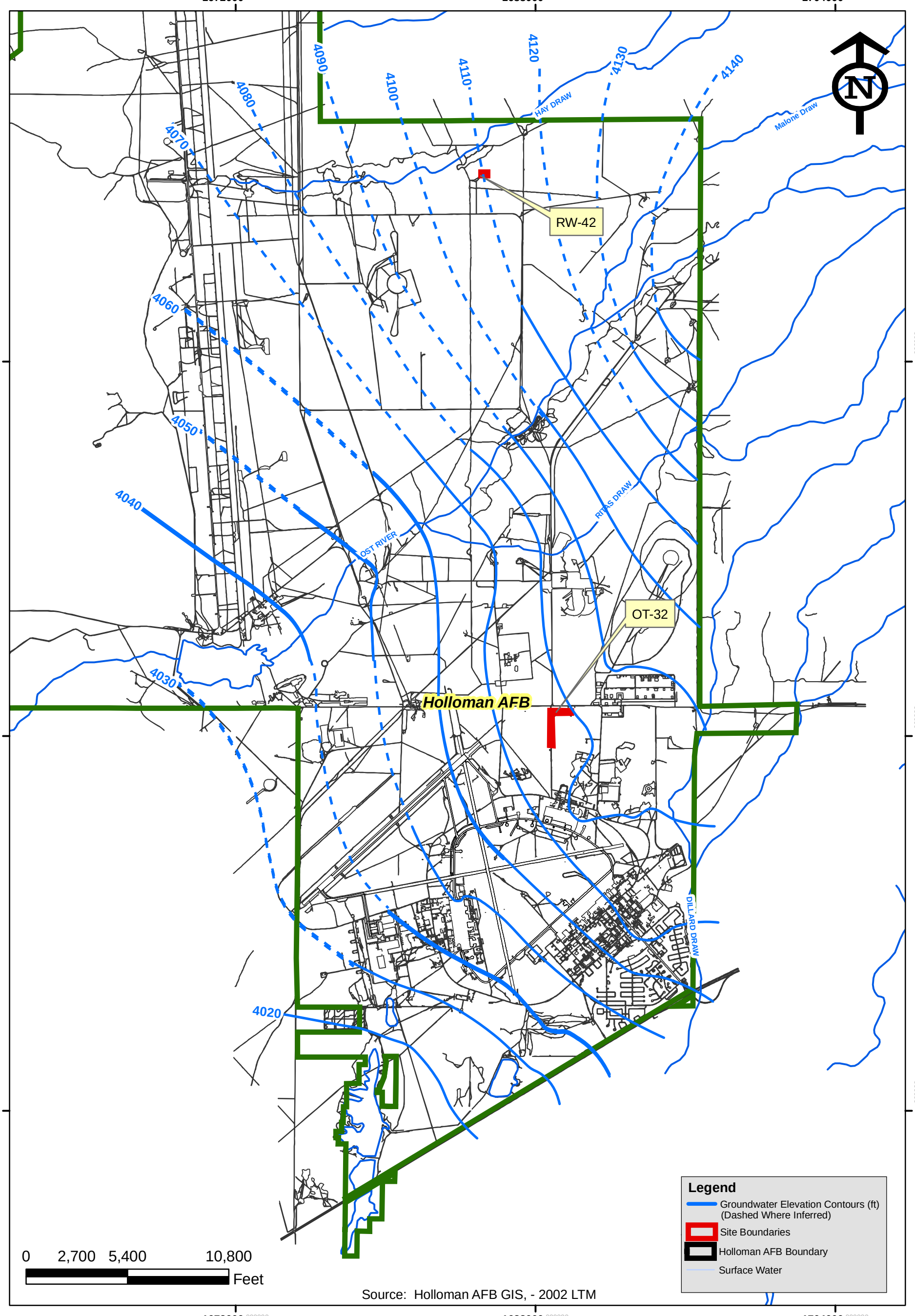
bhate ENVIRONMENTAL CONSTRUCTION ENERGY

Soil Map
Holloman AFB, New Mexico

PROJECT NO.	SCALE	DATE	DRAWN BY:
9110161	1"=4000'	6/29/12	cm
			DRAWING NO: soils_3-5

Sites OT-32 and RW-42
Accellerated Corrective Measures
Completion Report
Holloman AFB, New Mexico

Figure 3-5



Source: Holloman AFB GIS, - 2002 LTM

bhate ENVIRONMENTAL CONSTRUCTION ENERGY

Groundwater Contour Map Holloman AFB, New Mexico

PROJECT NO.	SCALE	DATE	DRAWN BY:
9110161	1"=5000'	6/29/12	cm
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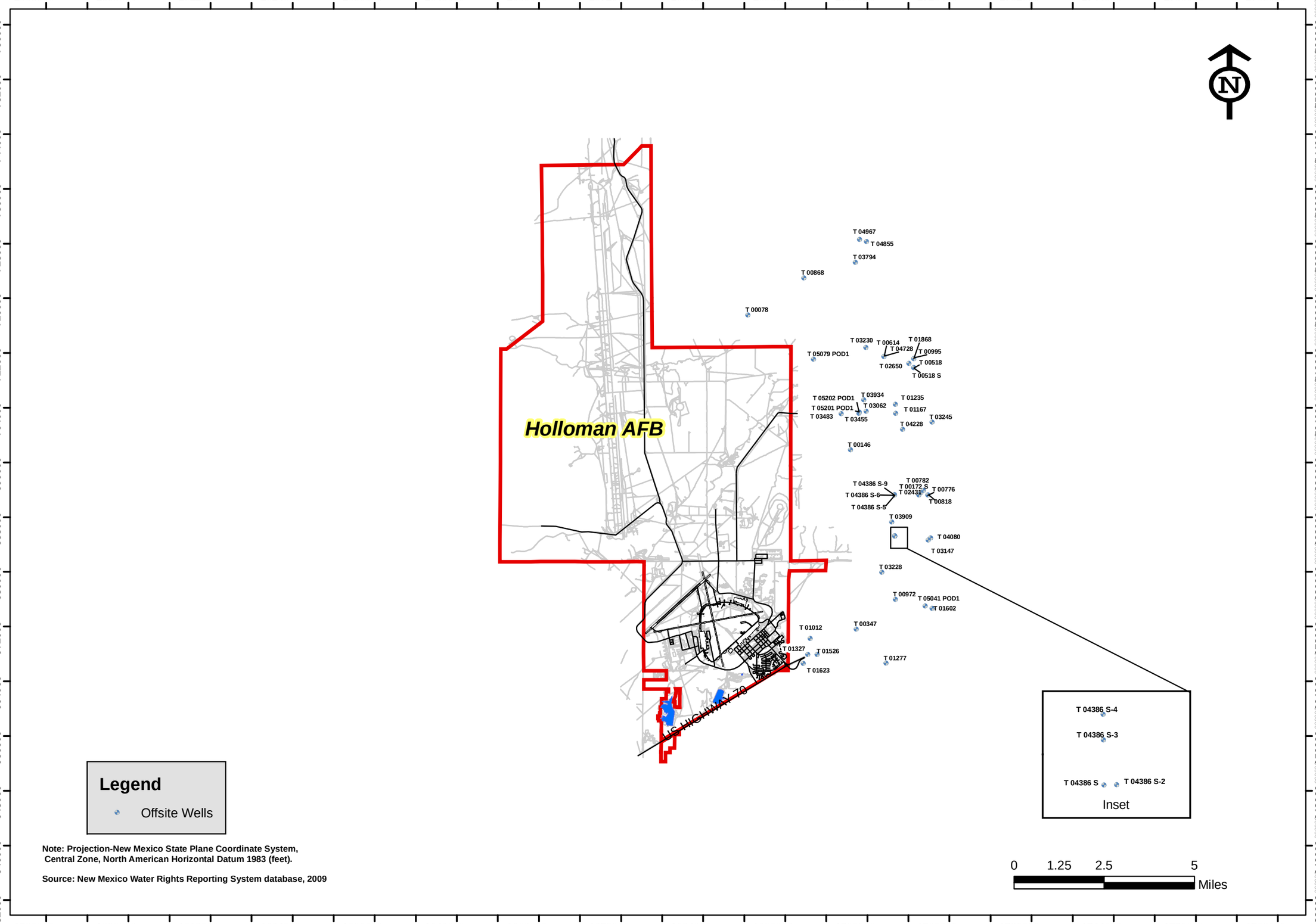
Sites OT-32 and RW-42
Accellerated Corrective Measures
Completion Report
Holloman AFB, New Mexico

Figure 3-6



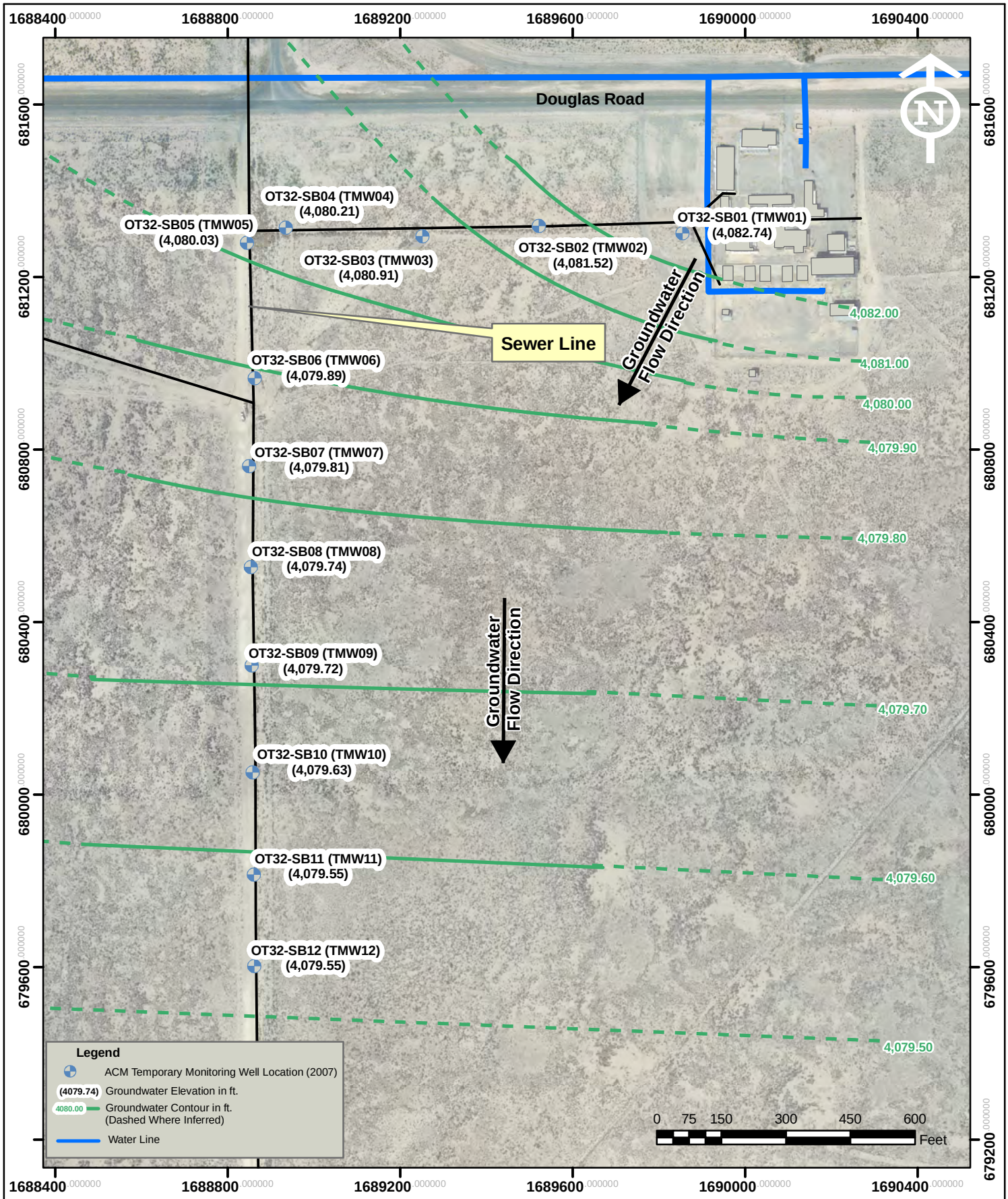
Sites OT-32 and RW-42
Accelerated Corrective Measures
Completion Report
Holloman AFB, New Mexico

Figure 3-7

Groundwater Wells Located Within a 4-Mile Radius of Holloman AFB

PROJECT NO.	SCALE	DATE	DRAWN BY:	DRAWING NO:
9110161	1"=2.5 Miles	6/29/12	cm	Figure 3-7

bhate ENVIRONMENTAL CONSTRUCTION ENERGY



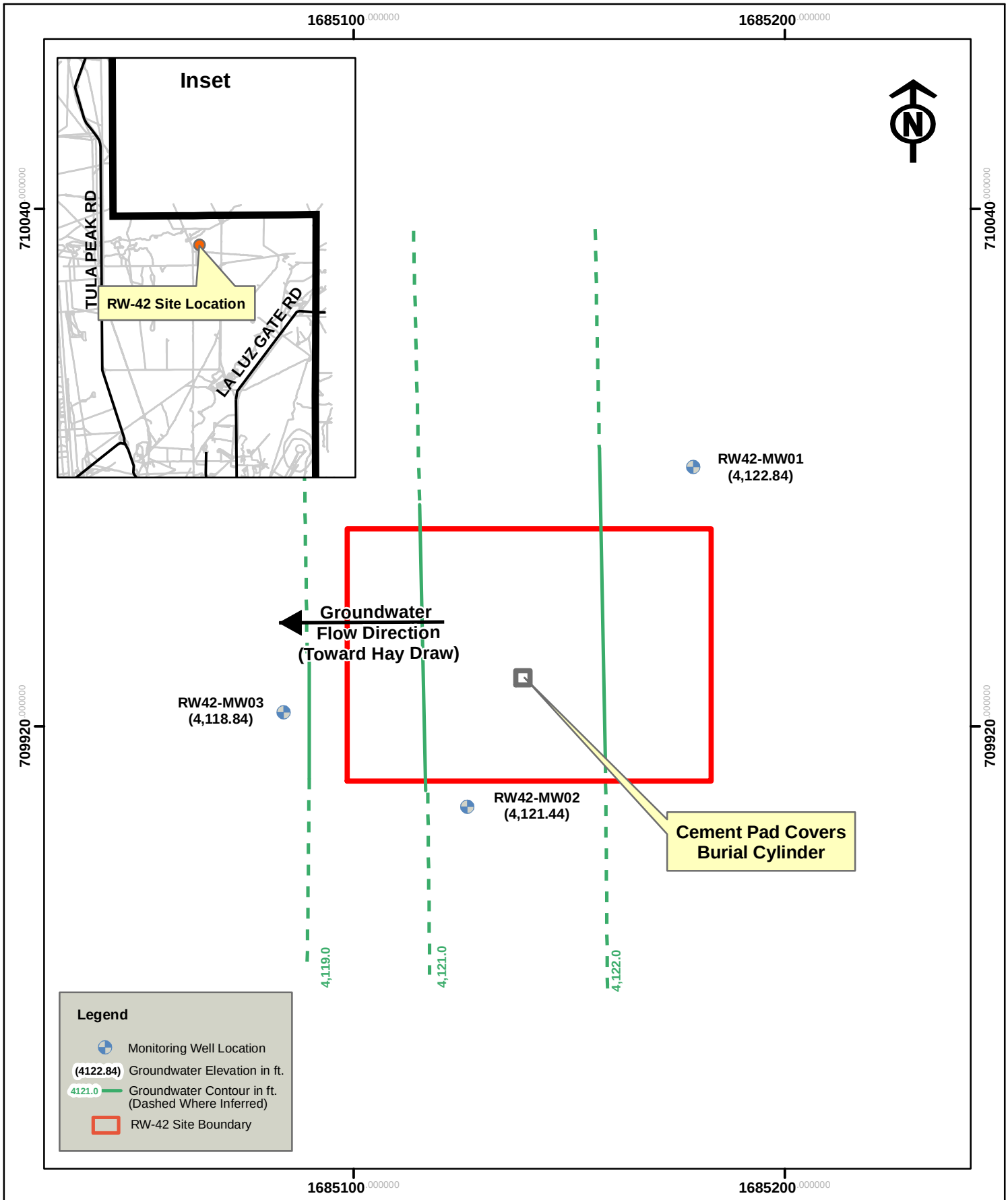
bhate ENVIRONMENTAL CONSTRUCTION ENERGY

OT-32
Potentiometric Surface Map
July 2007

PROJECT NO.	SCALE	DATE	DRAWN BY: cm
9110161	1"=300'	6/29/12	DRAWING NO: fig3-8

Sites OT-32 and RW-42
Accellerated Corrective Measures
Completion Report
Holloman AFB, New Mexico

Figure 3-8



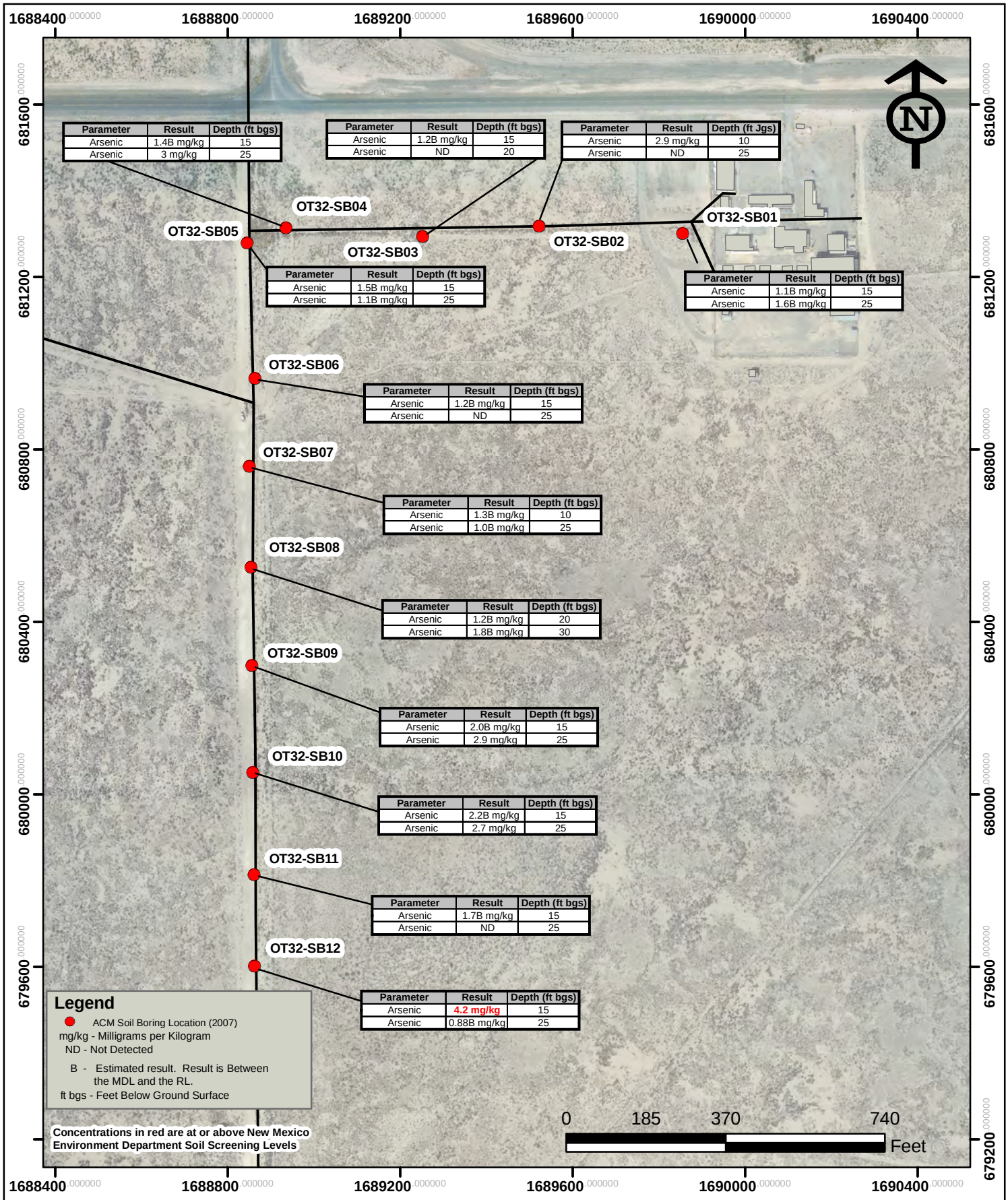
bhate associates
ENGINEERING, SCIENCE AND CONSTRUCTION

RW-42
Potentiometric Surface Map
July 2007

			cm
9110161	1"=30'	6/29/12	fig3-9

Sites OT-32 and RW-42
Accelerated Corrective Measures
Completion Report
Holloman AFB, New Mexico

Figure 3-9



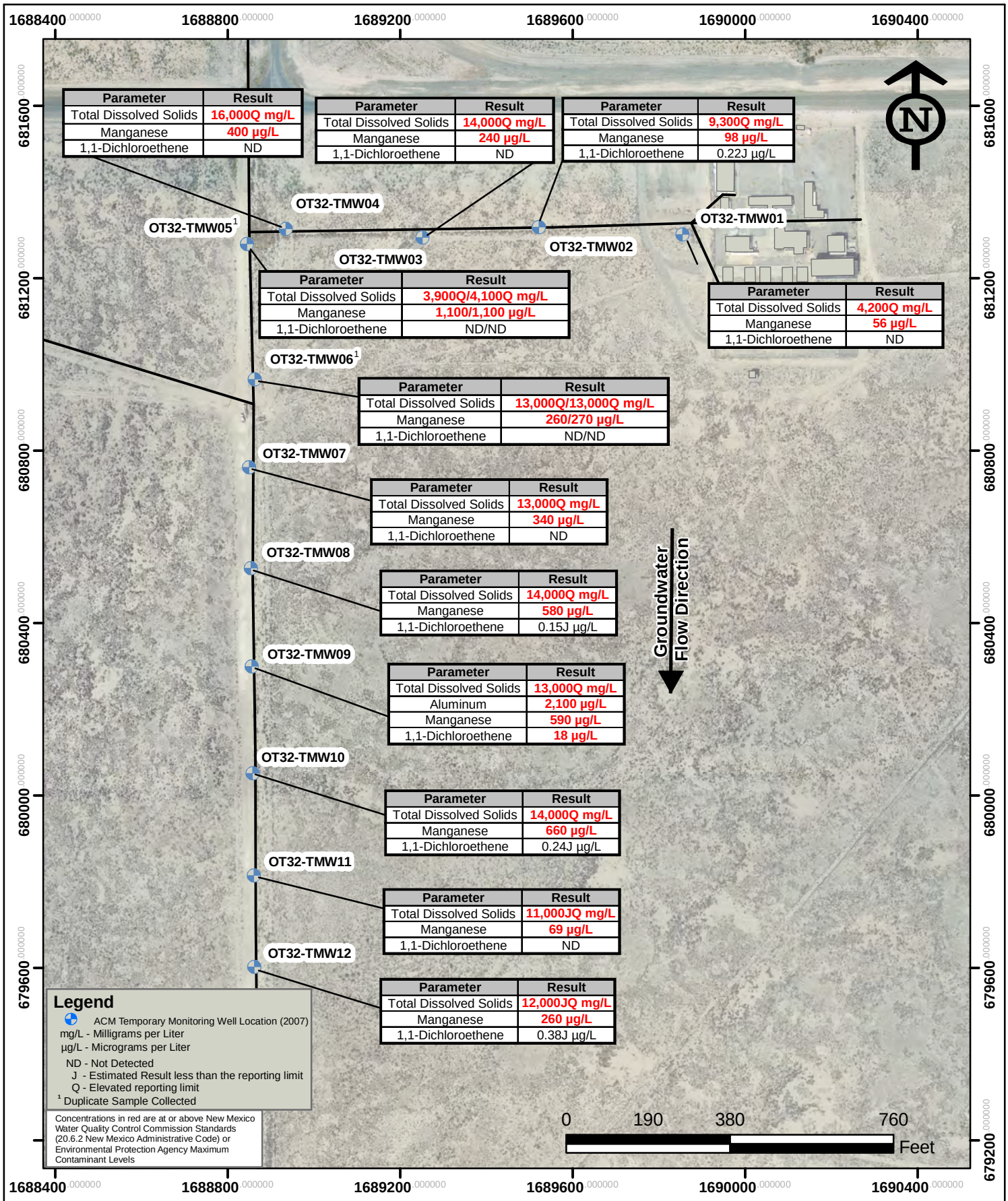
bhate ENVIRONMENTAL CONSTRUCTION ENERGY

OT-32
Arsenic Soil Analytical Results
(July 2007)

PROJECT NO.	SCALE	DATE	DRAWN BY: cm
9110161	1"=300'	8/3/12	DRAWING NO: 7-1

Sites OT-32 and RW-42
Accellerated Corrective Measures
Completion Report
Holloman AFB, New Mexico

Figure 7-1



Parameter	Result
Total Dissolved Solids	16,000Q mg/L
Manganese	400 µg/L
1,1-Dichloroethene	ND

Parameter	Result
Total Dissolved Solids	14,000Q mg/L
Manganese	240 µg/L
1,1-Dichloroethene	ND

Parameter	Result
Total Dissolved Solids	9,300Q mg/L
Manganese	98 µg/L
1,1-Dichloroethene	0.22J µg/L

Parameter	Result
Total Dissolved Solids	3,900Q/4,100Q mg/L
Manganese	1,100/1,100 µg/L
1,1-Dichloroethene	ND/ND

Parameter	Result
Total Dissolved Solids	4,200Q mg/L
Manganese	56 µg/L
1,1-Dichloroethene	ND

Parameter	Result
Total Dissolved Solids	13,000Q/13,000Q mg/L
Manganese	260/270 µg/L
1,1-Dichloroethene	ND/ND

Parameter	Result
Total Dissolved Solids	13,000Q mg/L
Manganese	340 µg/L
1,1-Dichloroethene	ND

Parameter	Result
Total Dissolved Solids	14,000Q mg/L
Manganese	580 µg/L
1,1-Dichloroethene	0.15J µg/L

Parameter	Result
Total Dissolved Solids	13,000Q mg/L
Aluminum	2,100 µg/L
Manganese	590 µg/L
1,1-Dichloroethene	18 µg/L

Parameter	Result
Total Dissolved Solids	14,000Q mg/L
Manganese	660 µg/L
1,1-Dichloroethene	0.24J µg/L

Parameter	Result
Total Dissolved Solids	11,000JQ mg/L
Manganese	69 µg/L
1,1-Dichloroethene	ND

Parameter	Result
Total Dissolved Solids	12,000JQ mg/L
Manganese	260 µg/L
1,1-Dichloroethene	0.38J µg/L

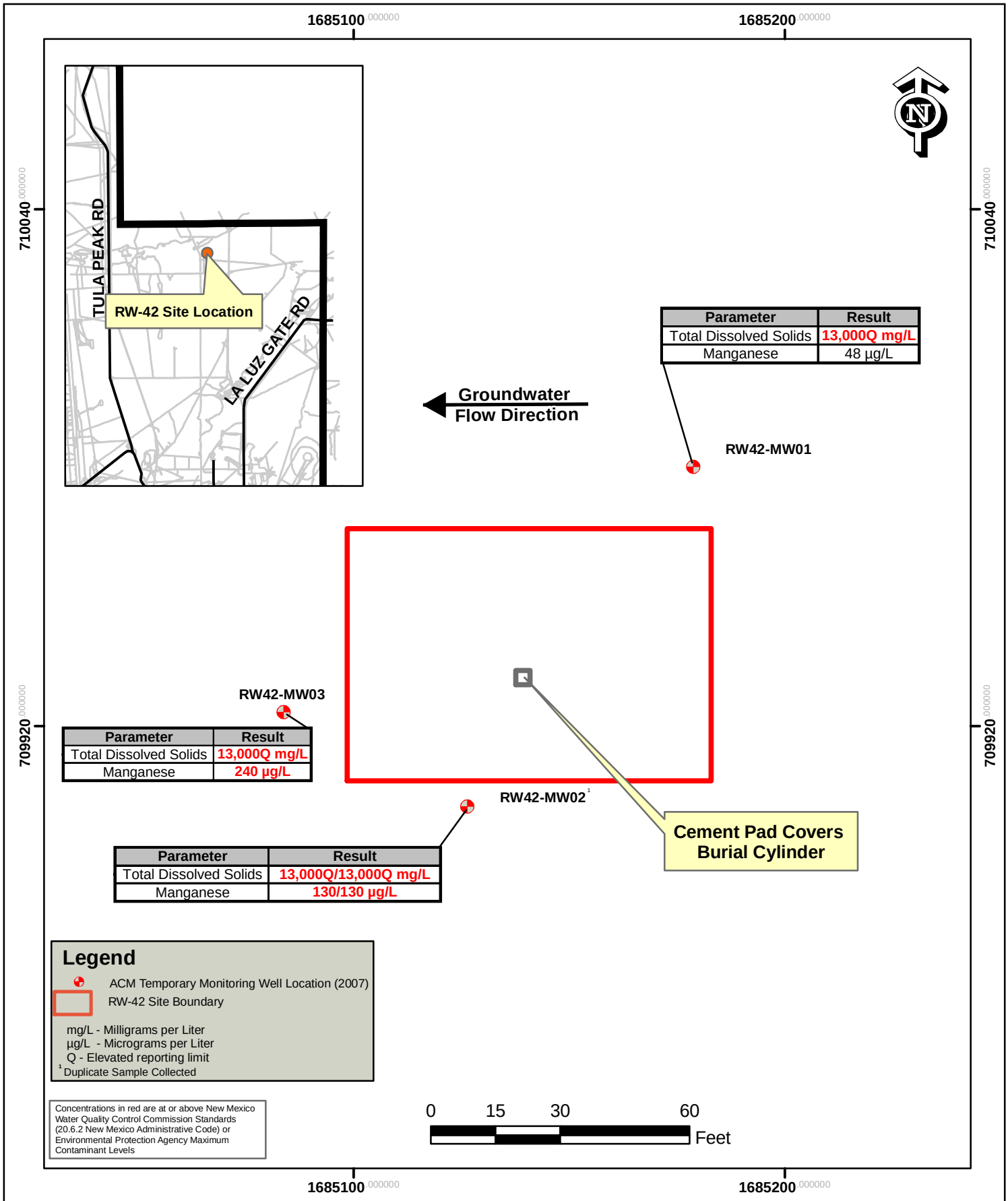
bhate ENVIRONMENTAL CONSTRUCTION ENERGY

OT-32
Groundwater Analytical Results Exceeding Action Levels (July 2007)

PROJECT NO.	SCALE	DATE	DRAWN BY:
9110161	1"=300'	8/3/12	cm
			DRAWING NO: 7-2

Sites OT-32 and RW-42
Accellerated Corrective Measures
Completion Report
Holloman AFB, New Mexico

Figure 7-2



bhate associates
ENGINEERING, SCIENCE AND CONSTRUCTION

RW-42
Groundwater Analytical Results Exceeding Action Levels (July 2007)

			cm
9110161	1"=30'	8/3/12	7-3

Sites OT-32 and RW-42
Accelerated Corrective Measures
Completion Report
Holloman AFB, New Mexico

Figure 7-3

ATTACHMENT A

NMED CORRESPONDENCE

State of New Mexico
ENVIRONMENT DEPARTMENT
Hazardous Waste Bureau
2905 Rodeo Park Drive East, Building 1
Santa Fe, New Mexico 87505-6303
Telephone (505) 476-6000
Fax (505) 476-6030
www.nmenv.state.nm.us

BILL RICHARDSON
GOVERNOR

RON CURRY
SECRETARY

CINDY PADILLA
DEPUTY SECRETARY

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

March 30, 2007

Ms. Debbie Hartell
Chief
Environmental Flight
49 CES/CEV
550 Tabosa Ave.
Holloman AFB, NM 88330-8458

RE: NOTICE OF DEFICIENCY: ACCELERATED CORRECTIVE MEASURES WORK PLAN, MULTIPLE SITES, NOVEMBER 2006
HOLLOMAN AIR FORCE BASE, NM6572124422
HAFB-07-001

Dear Ms. Hartell:

The New Mexico Environment Department (NMED) has reviewed the November 2006 *Accelerated Corrective Measures Work Plan, Multiple Sites* (Work Plan) addressing the following Solid Waste Management Units (SWMUs) and Areas of Concern (AOCs) at Holloman AFB (the Permittee): SWMU 114 (OT-03), SWMU 113A (OT-20), SWMU PRI-A (OT-32), SWMU PRI-2/5 (OT-35), SWMU 137 (SS-38), AOC-O (OT-45), AOC-R (SS-06), AOC-K (SS-12), AOC-H (SS-18), SWMU 111 (RW-42) and AOC-L (OT-37). The Permittee must address the following deficiencies before NMED can make a final determination regarding approval of the Work Plan.

1. **Page 1-1, Section 1, Introduction, 2nd Paragraph, Last Sentence**

This sentence references Environmental Restoration Program (ERP) site number OT-38. Table A of the Permit (List of SWMUs Requiring Corrective Action) shows the ERP number for this site as SS-38 (SWMU 137). The Permittee must clarify this discrepancy.

2. **Page 3-2, Section 3.1.1, OT-20 Sewage Lagoon Disposal Trenches**

This section states that additional characterization activities at ERP site number OT-20 (SWMU 113A) would include trenching activities, the installation of up to nine soil borings, and the installation of three monitoring wells as shown on Figure 3-1. During NMED's March 8, 2007 site inspection it was agreed that the proposed trenching was not required. Rather, a minimum of three additional exploratory soil borings would be advanced to more accurately define the eastern boundary of the source areas prior to excavation. Soils shall be analyzed as proposed. The installation of the three monitoring wells and ground water sampling and analysis is also required as proposed.

The Permittee is therefore required to submit an amendment to the work plan for this site that shows the anticipated boundary of the source areas and the locations and proposed depths of the new borings.

3. **Page 3-6, Section 3.1.4.1, OT-45 DPT Soil Borings**

This section states that additional characterization activities at ERP site number OT-45 (AOC-O) would include the installation of up to fifteen soil borings as shown on Figure 3-4. During NMED's March 8, 2007 site inspection it was agreed that the number of borings could be reduced to nine borings in the locations that were identified during the inspection. Soils and the ground water sampling and analysis is also required as proposed.

The Permittee is therefore required to submit an amendment to the work plan for this site that shows the anticipated boundary of the source area and the locations and proposed depths of the new borings.

4. **Page 3-6, Section 3.1.5.1, SS-12 DPT Soil Borings**

This section states that additional characterization activities at ERP site number SS-12 (AOC-K) would include the installation of up to fifteen soil borings as shown on Figure 3-5. During NMED's March 8, 2007 site inspection it was agreed that the proposed number of borings could be reduced to allow for boring spacing of 25 to 30 feet along the west/east trending storm sewer commencing in an easterly direction from boring BH-12-06A. The most easterly boring should be moved to the east approximately 25 feet from its proposed location. The north/south trending borings along the JP-4 pipeline are acceptable as proposed. Soils and ground water sampling and analysis is required as proposed.

The Permittee is therefore required to submit an amendment to the work plan for this site that shows the anticipated boundary of the source area and the locations and proposed depths of the new borings.

5. **Page 3-8, Section 3.1.7, RW-42 Radioactive Waste Burial Site**

This section states that additional characterization activities at ERP site number RW-42 (SWMU 111) would include the installation of four borings and three monitoring wells as shown on Figure 3-6. In addition to this characterization activity, the Permittee is required to conduct a surface radiological survey prior to commencing site activities, and to include these results and the results of any historical radiological surveys conducted at the site in the final report.

6. **Page 3-9, Section 3.1.8, OT-37 Early Missile Testing Site**

This section proposes various soil and ground water characterization activities at four locations within ERP site number OT-37 (AOC-L). In addition to the proposed characterization activities, the Permittee is required to collect a surface sample of the tar-like substance that coats the surface in the vicinity of the inclined test track and analyze this sample for total polychlorinated biphenyls (PCBs).

7. **Page 5-2, Section 5.1.3, Excavation Confirmation Sampling**

This section proposes that confirmatory samples will only be collected from excavation sidewalls, and not the bottom of the excavations, because the excavations will be terminated below the water table. At sites where this is not the case, samples must be collected from the bottoms of the excavations using the same dimensional and analytical requirements of the sidewalls.

The Permittee must respond to this Notice of Deficiency within thirty (30) calendar days of receipt of this letter. If you have any questions regarding this matter or if you would like to discuss the comments prior to your response, please contact David Strasser of my staff at (505) 222-9526.

Sincerely,

James P. Bearzi
Chief
Hazardous Waste Bureau

cc: J. Kieling, NMED HWB
W. Moats, NMED HWB
C. Amindyas, NMED HWB
D. Strasser, NMED HWB
D. Tellez, EPA, Region 6 (6PD-F)
File: HAFB 2007 and Reading
HAFB-07-001

RESPONSE TO COMMENTS Accelerated Corrective Measures Work Plan Multiple Sites Holloman AFB, New Mexico				
COMMENT NO.	**SECTION**	**PAGE**	**COMMENT**	**RESPONSE**
AUTHOR:	**Mr. David Strasser (USACE Omaha)**		**Date of Comments: March 30, 2007.**	**Date of Response: April 3, 2007**
DOCUMENT:	**ACM Work Plan Multiple Sites**			
1	1.0, Introduction, 2nd Paragraph, Last Sentence	1-1	This sentence references Environmental Restoration Program (ERP) site number OT-38. Table A of the Permit (List of SWMUs Requiring Corrective Action) shows the ERP number for this site as SS-38 (SWMU 137). The Permittee must clarify this discrepancy.	Although Table A of the Holloman AFB RCRA Permit (NM6572124422) lists SWMU 137 as ERP Site "SS-38", the *Holloman Air Force Base Environmental Restoration Program, Management Action Plan, December 2004* lists SWMU 137 (Sled Test Maintenance Area) as "OT-38". In addition, this site consists of an abandoned cesspool behind the building and is not considered a historical spill site (SS). Therefore, the ERP Site ID will be changed to "OT-38" during the next modification of the HAFB RCRA Permit.
2	3.1.1 OT-20 Sewage Lagoon Disposal Trenches	3-2	This section states that additional characterization activities at ERP site number OT-20 (SWMU 113A) would include trenching activities, the installation of up to nine soil borings, and the installation of three monitoring wells as shown on Figure 3-1. During NMED's March 8, 2007 site inspection it was agreed that the proposed trenching was not required. Rather, a minimum of three additional exploratory soil borings would be advanced to more accurately define the eastern boundary of the source areas prior to excavation. Soils shall be analyzed as proposed. The installation of the three monitoring wells and ground water sampling and analysis is also required as proposed. The Permittee is therefore required to submit an amendment to the work plan for this site that shows the anticipated boundary of the source area and the locations and proposed depths fo the new borings.	Concur. The scope of work presented in Section 3.1.1 has been revised. The additional trenching has been deleted and the installation of nine soil borings has been reduced to three soil borings. The purpose of the three soil borings (advanced 7 to 10 ft below ground surface) is to confirm the locations of the three sewage grit disposal pits and to assist in defining the eastern boundary of the disposal pits prior to excavation. The soil will be analyzed as proposed and the installation of three monitoring wells and ground water sampling will also be completed as proposed. Figure 3-1 has been revised to show the locations of the three boreholes and Figure 4-1 shows the anticipated boundary of the source area(s) excavation.
3	3.1.4.1 OT-45 DPT Soil Borings	3-6	This section states that additional characterization activities at ERP site number OT-45 (AOC-O) would include the installation of up to fifteen soil borings as shown on Figure 3-4. During NMED's March 8, 2007 site inspection it was agreed that the number of borings could be reduced to nine borings in the locations that were identified during the inspection. Soils and the ground water sampling and analysis is also required as proposed. The Permittee is therefore required to submit an amendment to the work plan for this site that shows the anticipated boundary of the source area and the locations and proposed depths of the new borings.	Concur. The scope of work presented in Section 3.1.4.1 (OT-45 DPT Soil Borings) has been revised. The installation of fifteen soil borings has been reduced to the nine locations that were identified during the site inspection (March 8, 2007). Figure 3-4 has been revised to show the locations of the nine OT-45 soil borings. It is anticipated that the nine soil boring will be advanced to a depth of approximately 5 feet below ground surface (anticipated depth to ground water). In addition, the OT-45 source area boundary has been extended around the locations of the three former underground storage tanks, the former pump island and former fuel station (Figure 3-4). The soil and ground water analysis will be analyzed as proposed.

RESPONSE TO COMMENTS Accelerated Corrective Measures Work Plan Multiple Sites Holloman AFB, New Mexico				
COMMENT NO.	**SECTION**	**PAGE**	**COMMENT**	**RESPONSE**
4	3.1.5.1 SS-12 DPT Soil Borings	3-6	This section states that additional characterization activities at ERP site number SS-12 (AOC-K) would include the installation of up to fifteen soil borings as shown on Figure 3-5. During NMED's March 8, 2007 site inspection it was agreed that the number of borings could be reduced to allow for boring spacing of 25 to 30 feet along the west/east trending storm sewer commencing in an easterly direction from boring BH-12-06A. The most easterly boring should be moved to the east approximately 25 feet from its proposed location. The north/south trending borings along the JP-4 pipeline are acceptable as proposed. Soils and the ground water sampling and analysis is also required as proposed. The Permittee is therefore required to submit an amendent to the work plan for this site that shows the anticipated boundary of the source area and the locations and proposed depths of the new borings.	Concur. The scope of work presented in Section 3.1.4.1 (SS-12 DPT Soil Borings) has been revised. The installation of up to fifteen soil borings has been reduced to twelve locations. It was agreed during NMED's March 8, 2007 site inspection that the proposed number of borings could be reduced to allow for a boring spacing of 25 to 30 feet along the east/west trending storm sewer commencing in an easterly direction from BH-12-06A. It is anticipated that the twelve soil borings will be advanced to a depth of approximately 5 to 7 feet below ground surface (anticipated depth to ground water). Figure 3-5 has been revised to show the locations of the twelve SS-12 DPT soil boring locations and the approximate source area/site boundary.
5	3.1.7 RW-42 Radioactive Waste Burial Site	3-8	This section states that additional characterization activities at ERP site number RW-42 (SWMU 111) would include the installation of four soil borings and three monitoring wells as shown on Figure 3-6. In addition to this characterization activity, the Permittee is required to conduct a surface radiological survey prior to commencing site activities, and to include these results and the results of any historical radiological surveys conducted at the site in the final report.	Concur. A surficial radiological survey will be conducted prior to initiating field activities at Site RW-42. The results of this and historical radiological surveys will be included in the final report for the site.
6	3.1.8 OT-37 Early Missile Testing Site	3-9	This section proposes various soil and groundwater characterization activities at four locations within ERP site OT-37 (AOC-L). In addition to the proposed characterization activities, the Permittee is required to collect a surface sample of the tarlike substance that coats the surface in the vicinity of the inclined test track and analyze the sample for total polychlorinated biphenyls (PCBs).	Concur. A single sample of the tarlike substance that coats the surface in the vicinity of the inclined test track will be collected and analyzed for total polychlorinated biphenyls.
7	5.1.3 Excavation Confirmation Sampling	5-2	This section proposes that confirmation samples will only be collected from excavation sidewalls, and not the bottom of the excavations, because the excavations will be terminated below the water table. At sites where this is not the case, samples must be collected from the bottoms of the excavations using the same dimensional and analytical requirements of the sidewalls.	Concur. For sites (e.g., OT-03) where the excavation of contaminated soil is most likely to be terminated above the water table, confirmation soil samples will also be collected from the bottom of the excavation using the same dimensional and analytical requirements as the sidewall confirmation sampling. This change has been added to Section 5.1.3 (Excavation Confirmation Sampling).
END OF COMMENTS				

State of New Mexico
ENVIRONMENT DEPARTMENT
Hazardous Waste Bureau
2905 Rodeo Park Drive East, Building 1
Santa Fe, New Mexico 87505-6303
Telephone (505) 476-6000
Fax (505) 476-6030
www.nmenv.state.nm.us

BILL RICHARDSON
GOVERNOR

RON CURRY
SECRETARY

CINDY PADILLA
SECRETARY

CERTIFIED MAIL – RETURN RECEIPT REQUESTED

April 24, 2007

Debbie Hartell, Chief
Environmental Flight
49th CES/CEV
550 Tabosa Avenue
Holloman AFB, NM 88330-8458

RE: NOTICE OF APPROVAL
ACCELERATED CORRECTIVE MEASURES WORK PLAN, MULTIPLE SITES, NOVEMBER 2006
HOLLOMAN AIR FORCE BASE, EPA ID# NM6572124422
HWB-HAFB-07-001

Dear Ms. Hartell:

The New Mexico Environment Department (NMED) has reviewed Holloman Air Force Base's (The Permittee) April 3, 2007 response to NMED's March 30, 2007 Notice of Deficiency (NOD) for the Accelerated Corrective Measures Work Plan for Multiple Sites, dated November 2006.

The NMED hereby concurs with the responses and approves the Work Plan for implementation. The Permittee is now required to submit the changed pages and figures, as indicated in the responses, for incorporation into the Work Plan. In addition, the Permittee is advised that, for future responses to NODs, all revised text and figures must be submitted with the response table.

If you have any questions regarding this letter, please contact Mr. David Strasser at (505) 222-9526.

Sincerely,

John E. Kieling
Program Manager
Permits Management Program
Hazardous Waste Bureau

cc: J. Bearzi, NMED HWB
W. Moats, NMED HWB
C. Amindyas, NMED HWB
D. Strasser, NMED HWB
D. Tellez, EPA Region 6 (6PD-F)
File: HAFB 2007 and Reading
HWB-HAFB-07-001

APPENDIX A

HISTORICAL DATA FROM PREVIOUS INVESTIGATIONS

Appendix A-1-1

Portions of the *Installation Restoration Program Records Search, Holloman Air Force Base, NM*

CH2M Hill, August 1983

File: 17A
R.L.

181

INSTALLATION RESTORATION PROGRAM RECORDS SEARCH

For
Holloman Air Force Base, New Mexico

CH2M HILL

Prepared for

AIR FORCE ENGINEERING AND SERVICES CENTER
DIRECTORATE OF ENVIRONMENTAL PLANNING
TYNDALL AIR FORCE BASE, FLORIDA 32403
AND
TACTICAL AIR COMMAND
DIRECTORATE OF ENGINEERING AND ENVIRONMENTAL PLANNING
LANGLEY AIR FORCE BASE, VIRGINIA 23665

AUGUST 1983

INSTALLATION RESTORATION PROGRAM RECORDS SEARCH

FOR

HOLLOMAN AIR FORCE BASE, NEW MEXICO

Prepared for

AIR FORCE ENGINEERING AND SERVICES CENTER
DIRECTORATE OF ENVIRONMENTAL PLANNING
TYNDALL AIR FORCE BASE, FLORIDA 32403

AND

TACTICAL AIR COMMAND
DIRECTORATE OF ENGINEERING AND ENVIRONMENTAL PLANNING
LANGLEY AIR FORCE BASE, VIRGINIA 23665

Prepared by

CH2M HILL
7201 N.W. 11th Place
Gainesville, Florida

August 1983

Contract No. F08637-80-G0010-0019

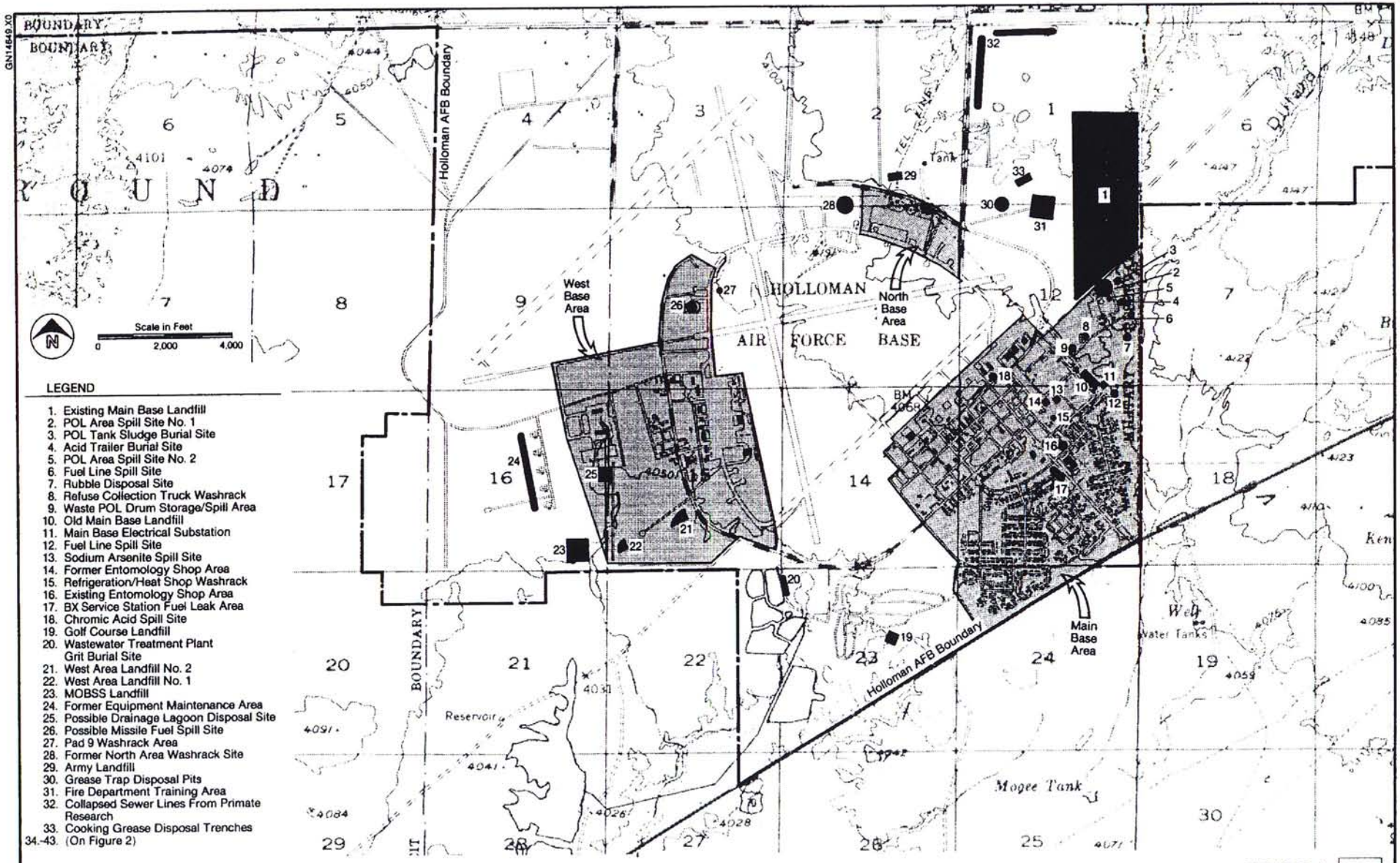


FIGURE 1.
Identified Disposal and Spill Sites at Holloman AFB.

CH2M HILL

s. Site No. 30--Grease Trap Disposal Area

The grease trap disposal pits (overall score of 43) are located west of the fire department training area. From 1972 to 1979, shallow trenches were dug and reportedly received wastes from base grease traps, oil/water separators and grit from the wastewater treatment system. One interviewee indicated that quantities of various pesticides (diazinon, malathion, pyrethrum) were also disposed of here, but this could not be verified.

The site was assigned a waste characteristics score of 70 due to the large suspected quantities of hazardous materials that may have been disposed of at the site. A pathways subscore of 48 was assigned primarily because the nearest surface water is located more than 2,000 feet from the site.

t. Site no. 32--Collapsed Sewer Lines from the Primate Research Area

Approximately 3,000 to 4,000 feet of sewer lines from the primate research institute were suspected of being corroded, with certain portions thought to be totally collapsed from the early 1960's to 1981 when the lines were repaired. During the period when the lines were badly corroded/collapsed, quantities of carbon-14, iodine and tritium tracers as well as solvents were suspected of exfiltrating into the groundwater. The quantities of solvents and radioactive isotopes utilized by the institute is small, however, no specific information was available as to the amounts of these materials that could have entered the shallow ground water.

Due to the fact that small confirmed quantities of hazardous waste were discharged into the soils and groundwater around the sewer lines, the site was assigned a waste characteristics subscore of 60. Primarily due to a surface drainage ditch being less than 50 feet from the sewer lines a pathways subscore of 57 was assigned.

u. Site No. 33--Cooking Grease Disposal Trenches

During the helicopter overflight conducted at the base, survey team members observed several shallow trenches located north and west of the fire department training area. Bioenvironmental engineering personnel later identified these trenches as being the disposal site for cooking greases from base kitchens. Since no hazardous waste is known to be disposed of at this site, the area was not rated.

v. Site No. 34--Spent Munition Burial Site

Excavation pits are utilized for the disposal of all spent munitions rounds detonated by the EOD. The pits are examined carefully to ensure no live rounds of ammunition are contained in them prior to backfilling. Since no hazardous waste materials are associated with the disposal operations, it was not rated.

w. Site No. 35--Spent Solvent Disposal Area

One interviewee indicated that spent solvents and radioactive tracers were disposed of on the ground near the Central Inertia Guidance Test Facility and ignited. This disposal practice was said to have occurred intermittently since the 1950's.

Appendix A-1-2

Portions of the *Installation Restoration Program Phase II – Confirmation/Quantification Stage 1, Holloman Air Force Base, NM*

Dames and Moore, March 6, 1987

INSTALLATION RESTORATION PROGRAM
PHASE II - CONFIRMATION/QUANTIFICATION
STAGE 1

REPORT (APRIL 1984 TO MARCH 1985)

FOR

HOLLOMAN AIR FORCE BASE
NEW MEXICO 88330

HEADQUARTERS TACTICAL AIR COMMAND
COMMAND SURGEON'S OFFICE (HQ TAC/SGPB)
BIOENVIRONMENTAL ENGINEERING DIVISION
LANGLEY AIR FORCE BASE, VIRGINIA 23665-5001

MARCH 6, 1987

PREPARED BY

DAMES & MOORE
1550 NORTHWEST HIGHWAY
PARK RIDGE, ILLINOIS 60068

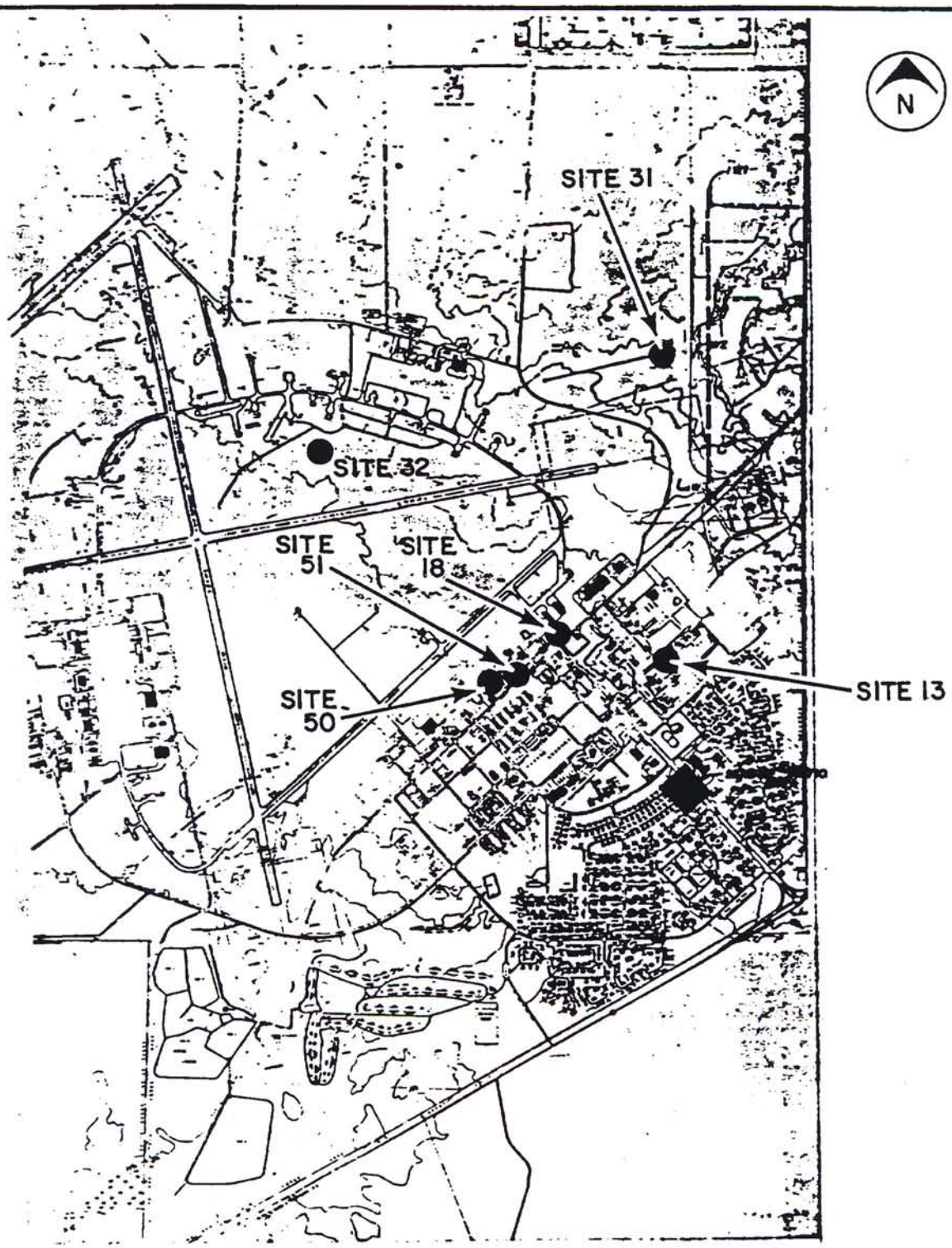
USAF CONTRACT NO. F33615-83-D-4002, DELIVERY ORDER NO. 0025

APPROVED FOR PUBLIC RELEASE; DISTRIBUTION IS UNLIMITED

USAFOEHL TECHNICAL PROGRAM MANAGER

LT. COL. EDWARD BARNES
USAFOEHL/TS

USAF OCCUPATIONAL & ENVIRONMENTAL HEALTH LABORATORY (USAFOEHL)
TECHNICAL SERVICES DIVISION (TS)
BROOKS AIR FORCE BASE, TEXAS 78235-5501



Scale in Feet (Approximate)

0 2000 4000 6000

DRAWING REFERENCE:
TITLED: SURVEY PLAT
BY: BURKE/COLLINS/ASSOCIATES PC
ENGINEERS-SURVEYORS
ALAMOGORDO, NEW MEXICO
DRAWING NO.: 84372
DATE: 10-18-84

SITE LOCATIONS MAP

Dames & Moore

Figure 2

TABLE 1

CHEMICAL SAMPLING EVENTS
HOLLOMAN AFB, NEW MEXICO
PHASE II, STAGE 1

SITE	OIL & GREASE, TOC[a] AND TOX	PHENOLICS	PESTICIDES[b]	TRACE METALS	C^{14} AND TRITIUM
1	3W	3W	3W	3W[c]	—
50	1W, 5S	1W, 5S	1W	—	—
51	1W, 6S	1W, 6S	—	—	—
13	—	—	—	1W[d], 6S[e]	—
18	—	—	—	1W[f], 6S[g]	—
32	8S	—	—	—	8S
31	1W, 9S	1W, 9S	—	1W[h], 9S[i]	—

Note: W = water sample, S = soil sample.

[a]Soils not analyzed for TOC.

[b]Aldrin, DDT isomers, dieldrin, endrin, heptachlor, heptachlor epoxide, lindane, methoxychlor, diazinon, malathion, parathion.

[c]Arsenic, chromium, cadmium, lead, nickel, silver.

[d]Arsenic.

[e]Total arsenic by EP toxicity extraction.

[f]Total chromium and hexavalent chromium.

[g]Total chromium and hexavalent chromium by EP toxicity extraction.

[h]Total lead.

[i]Total lead by EP toxicity extraction.

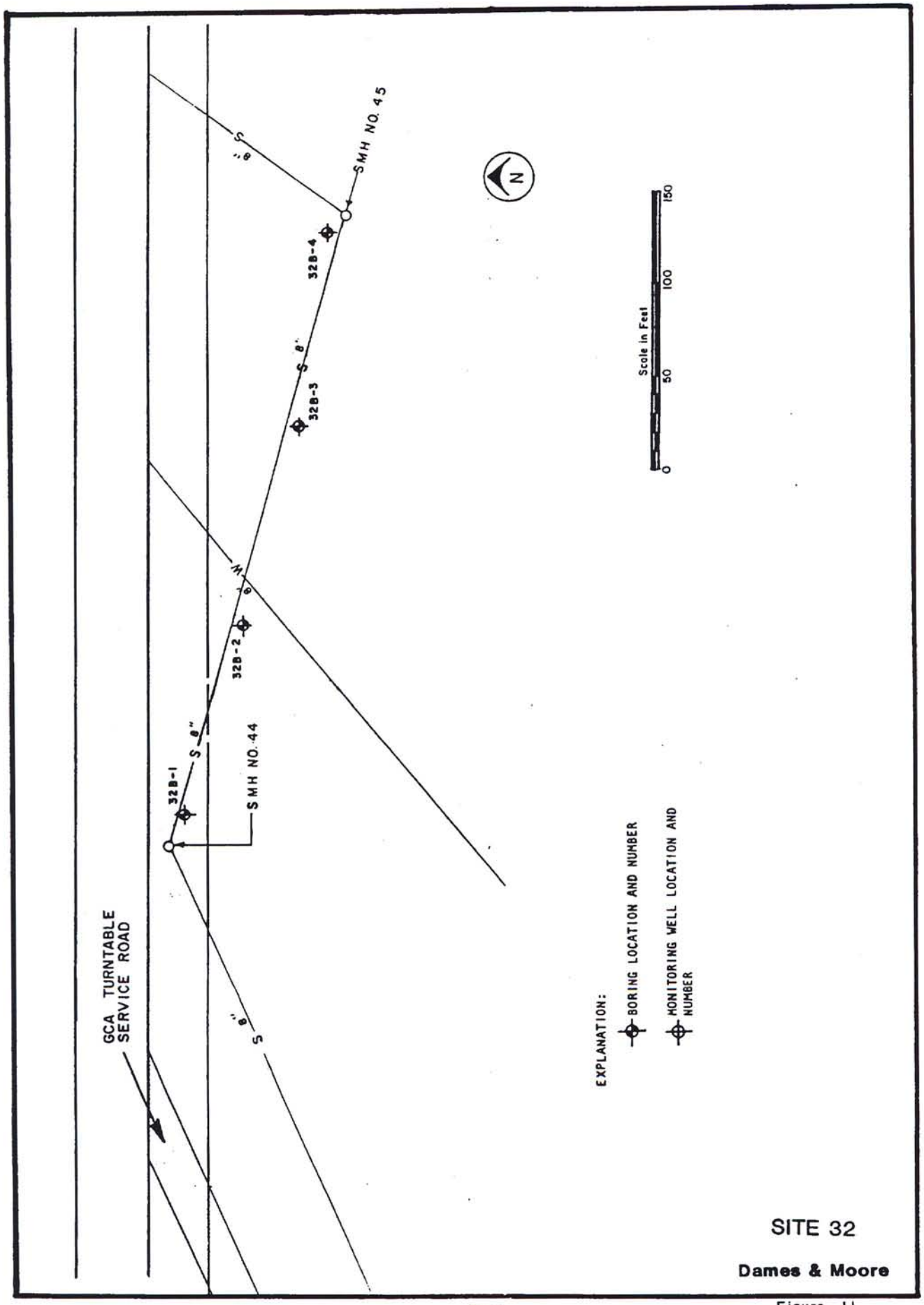

GCA TURNTABLE SERVICE ROAD
S 8"
32B-1
SMH NO. 44
32B-2
W 8"
S 8"
32B-3
S 8"
32B-4
SMH NO. 45
S 8"
N
Scale in Feet
0
50
100
150
EXPLANATION:
BORING LOCATION AND NUMBER
MONITORING WELL LOCATION AND NUMBER
SITE 32
Dames & Moore

Figure 11

TABLE 5

SUMMARY OF CONSTITUENTS ABOVE DETECTION LIMITS IN SOIL SAMPLES
(CORRECTED FOR PERCENT MOISTURE)

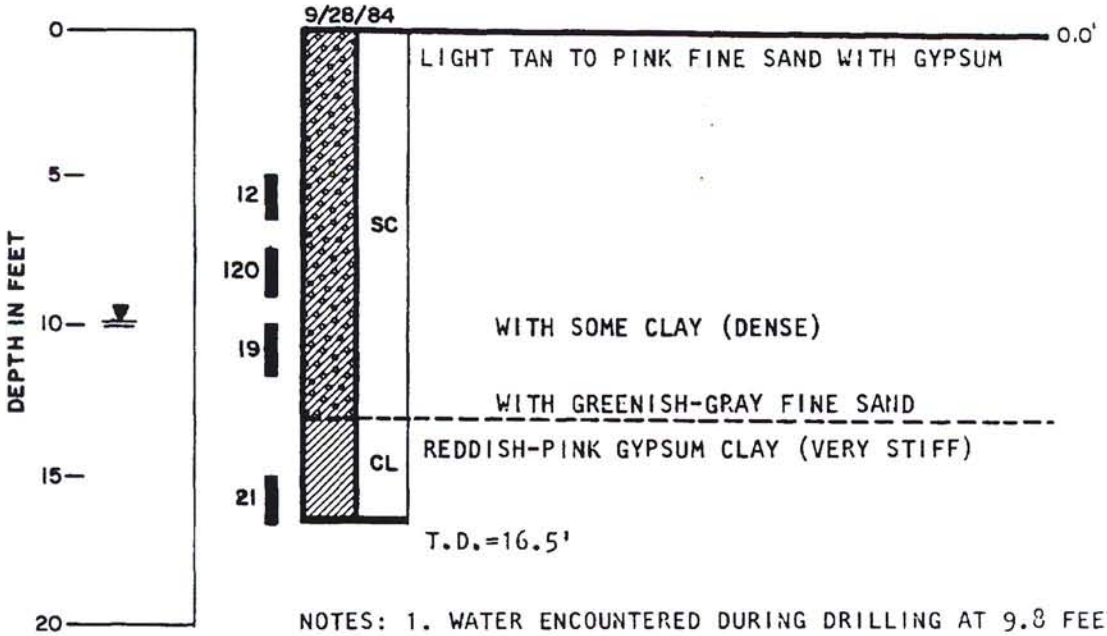
BORING/WELL NO. AND DEPTH	PARAMETER					
	CARBON-14 (pCi/g)	ARSENIC[a] (mg/L)	LEAD[a] (mg/L)	OIL AND GREASE (mg/kg)	TOX (mg/kg)	PHENOLICS (mg/kg)
Standard[b]	--	5.0	5.0	--	--	--
Detection Limit	--	0.01	0.01	7	5.0	1
13B1, 0-1'	--	0.04	--	--	--	--
31B1, 5-6.5'	--	--	c	c	8.2	c
31B1, 7.5-9'	--	--	c	40	c	c
31B2, 2.5-4'	--	--	c	c	7.7	c
31B2, 5-6.5'	--	--	c	25	7.5	c
31B2, 7.5-9'	--	--	c	32	7.4	c
31W1, 2.5-4'	--	--	c	c	8.1	1
31W1, 5-6.5'	--	--	c	44	42.5	c
31W1, 7.5-9'	--	--	c	c	7.1	c
51B1, 5-6.5'	--	--	--	39	7.0	c
51B1, 7.5-9'	--	--	--	c	30.3	c
51B1, 10-11.5'	--	--	--	c	9.0	c
51W1, 5-6.5'	--	--	--	c	50.0	c
51W1, 10-11.5'	--	--	--	c	6.4	c
32B1, 10-11.5'	240±194	--	--	c	c	--
32B2, 7.5-9'	c	--	--	16	c	--
32B2, 10-11.5'	c	--	--	c	24.7	--
32B3, 10-11.5'	c	--	--	c	7.7	--
32B4, 7.5-9'	--	--	--	9	c	--
32B4, 10-11.5'	c	--	--	15	8.0	--
50B1, 5-6.5'	--	--	--	1192	c	c
50B1, 7.5-9'	--	--	--	4265	c	c
50W1, 5-6.5'	--	--	--	160	c	17
50W1, 7.5-9'	--	--	--	3700	c	c
50W1, 10-11.5'	--	--	--	1143	c	c

[a]Samples have been extracted for EP toxicity according to Method 1310 published in USEPA Publication No. SW-846.

[b]Federal Resource Conservation and Recovery Act of 1982 and New Mexico Hazardous Waste Management Regulations are nearly identical.

[c]Denotes value less than the limit of detection.

HOLLOMAN AFB
BORING 32-B1



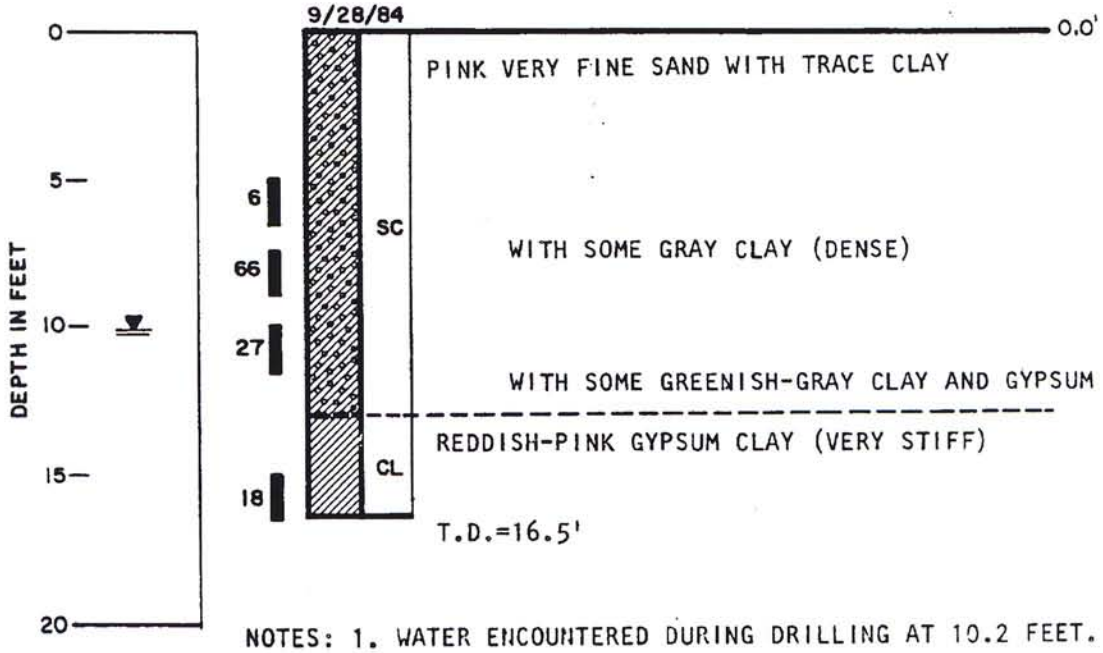
NOTES: 1. WATER ENCOUNTERED DURING DRILLING AT 9.8 FEET.

2. HNu READINGS WERE NOT RECORDED DUE TO EQUIPMENT MALFUNCTION.

LOG OF BORING

Dames & Moore

HOLLOMAN AFB
BORING 32-B2



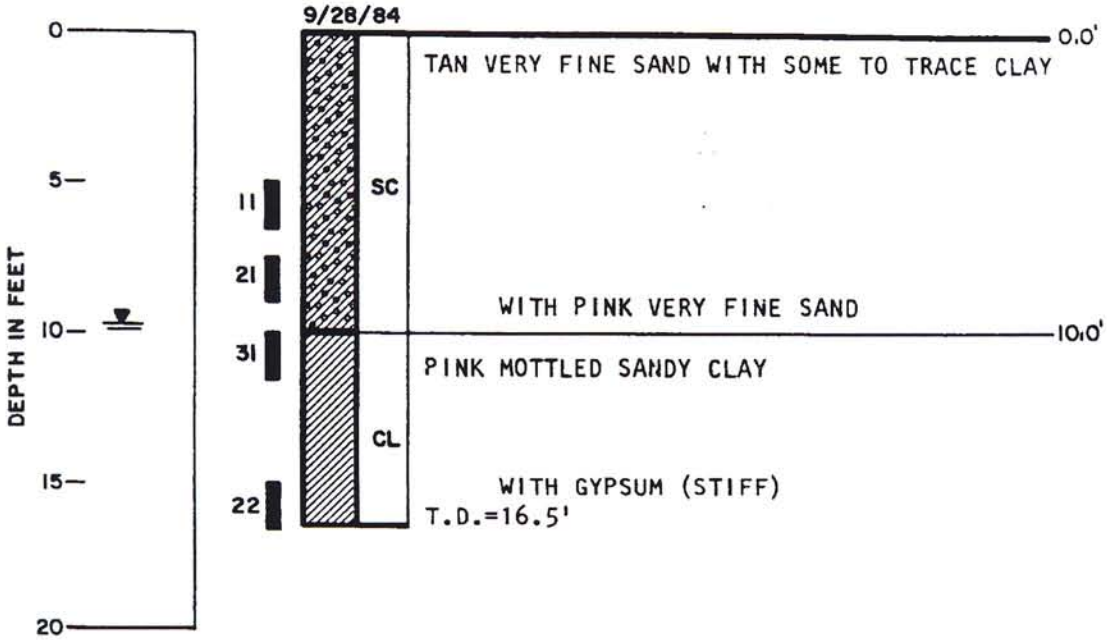
NOTES: 1. WATER ENCOUNTERED DURING DRILLING AT 10.2 FEET.

2. HNμ READINGS WERE NOT RECORDED DUE TO EQUIPMENT MALFUNCTION.

LOG OF BORING

Dames & Moore

HOLLOMAN AFB
BORING 32-B3



NOTES: 1. WATER ENCOUNTERED DURING DRILLING AT 9.7 FEET.

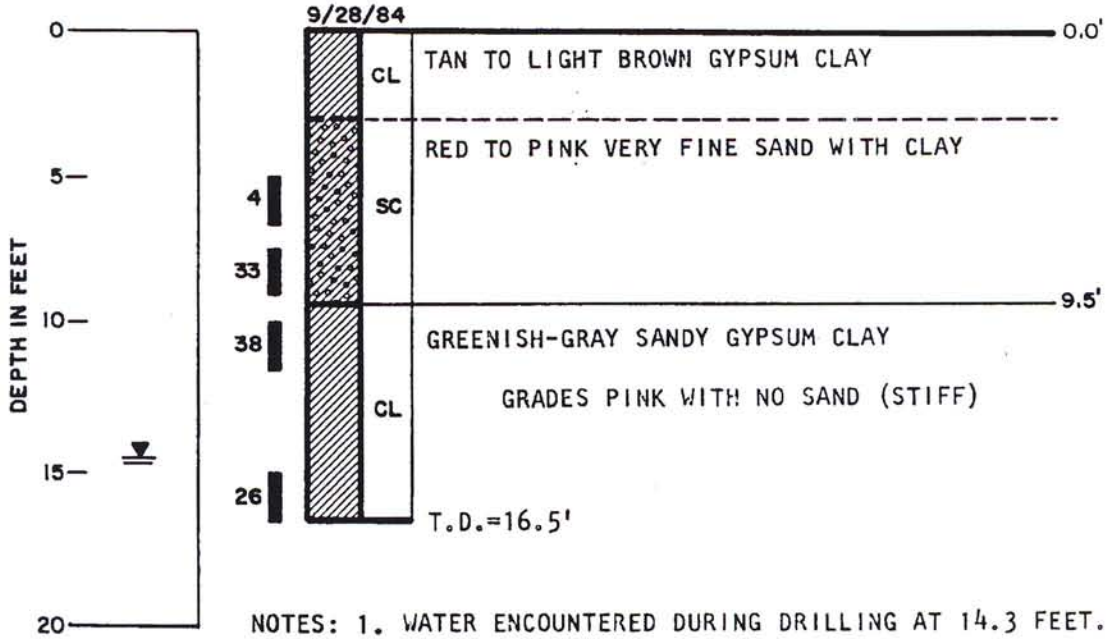
2. HNμ READINGS WERE NOT RECORDED DUE TO EQUIPMENT MALFUNCTION.

LOG OF BORING

Dames & Moore

PLATE C-16

HOLLOMAN AFB
BORING 32-B4



NOTES: 1. WATER ENCOUNTERED DURING DRILLING AT 14.3 FEET.

2. HN_4 READINGS WERE NOT RECORDED DUE TO EQUIPMENT MALFUNCTION.

LOG OF BORING

Dames & Moore

Appendix A-2

Portions of the *Draft Final Remedial Investigation (RI) Report Investigation, Study and Recommendation for 29 Waste Sites, Holloman Air Force Base, NM*

Radian Corporation, June 1992

RADIAN
CORPORATION

DCN 92-269-004-16-07
RCN 269-004-16-06

(Mailing Address)
P.O. Box 201088
Austin, TX 78720-1088
(Shipping Address)
8501 North Mopac Blvd.
Austin, TX 78759
(512)454-4797

REMEDIAL INVESTIGATION (RI) REPORT

INVESTIGATION, STUDY AND RECOMMENDATION FOR 29 WASTE SITES HOLLOMAN AIR FORCE BASE, NM

Volume I

DRAFT FINAL

Prepared for:

49 SG/CEV
Holloman Air Force Base, NM

Prepared by:

Radian Corporation
8501 North MoPac Blvd.
P.O. Box 201088
Austin, Texas 78720-1088

Under Contract No. DACW45-89-D-0515 with:

U.S. Army Corps of Engineers
Omaha District
Omaha, Nebraska

June 1992

5.0 PRELIMINARY ASSESSMENT REPORT FOR SITE 42 AND SITE 51

This section presents the Preliminary Assessment (PA) for two disposal sites, the Radioactive Waste Burial Site (Site 42) and the Primate Research Lab (PRL) Borehole Disposal Site (Site 51). The task of compiling data for this PA is part of the remedial response process within the U.S. Air Force IRP. This preliminary assessment work has been conducted in accordance with guidelines set forth by the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA) as amended by the Superfund Amendments and Reauthorization Act of 1986 (SARA), and as prescribed in *Guidance for Performing Preliminary Assessments Under CERCLA* (U.S. EPA, 1991). The purpose of this PA was to:

- Collect information about conditions at Site 42 and Site 51 to assess the threat posed to human health and the environment; and
- Determine the need for additional CERCLA/SARA or other appropriate action.

The scope of the PA included a review of available file information, a site reconnaissance, and a comprehensive receptor identification. All references cited for the PA (*PA Reference*) are listed in Section 5.3 and contained in Appendix G, Attachment 1. Attachment 2 of the Appendix G contains the PA scoresheets for both sites and Attachments 3 and 4 contain all other supportive material for Sites 42 and 51, respectively.

This section contains site-specific information for Site 42 and Site 51 that includes site description, operational history, waste characteristics, pathway and environmental hazard assessment, and conclusions.

5.1 Site 42, Radioactive Waste Burial Site

5.1.1 Site Description, Operational History, and Waste Characterization

Information about this site was gathered from existing records, telephone conversations with site personnel, and a site reconnaissance. However, because the site has been inactive for years, waste-specific information has not been verified. IRP Site 42 is listed on Table 1 of Holloman's HSWA Permit. Its RCRA name and identification are the Radioactive Waste Disposal Area, SWMU 111.

Location

As shown on the Base map contained in Figure 5-1, Site 42 is located approximately 6.5 miles from the northern outskirts of the Main Base Area. Figure 5-2 shows the physiographic features at the site. The site is located east of Range Road 9 and south of Hay Draw in the undeveloped northeastern area of Holloman AFB. The geographic coordinates are 32° 57' 06" N latitude and 106° 06' 12" W longitude (PA References 1 and 2).

Site Description

Site 42 is located in a secluded area in the North Base on flat terrain that gently slopes to the southwest (PA Reference 1). It consists of a buried concrete cylinder surrounded by a three-strand barbed-wire fence (40 ft x 50 ft x 4 ft) with a three-strand gate on a moveable fence post. Warning signs indicating radioactive waste disposal (in both Spanish and English) are located approximately 10 ft outside each side of the fence (PA References 3 and 4). Figure 5-1 shows a sketch of the site and Figure 5-3 presents photos of the fence and surface features of the buried concrete cylinder.

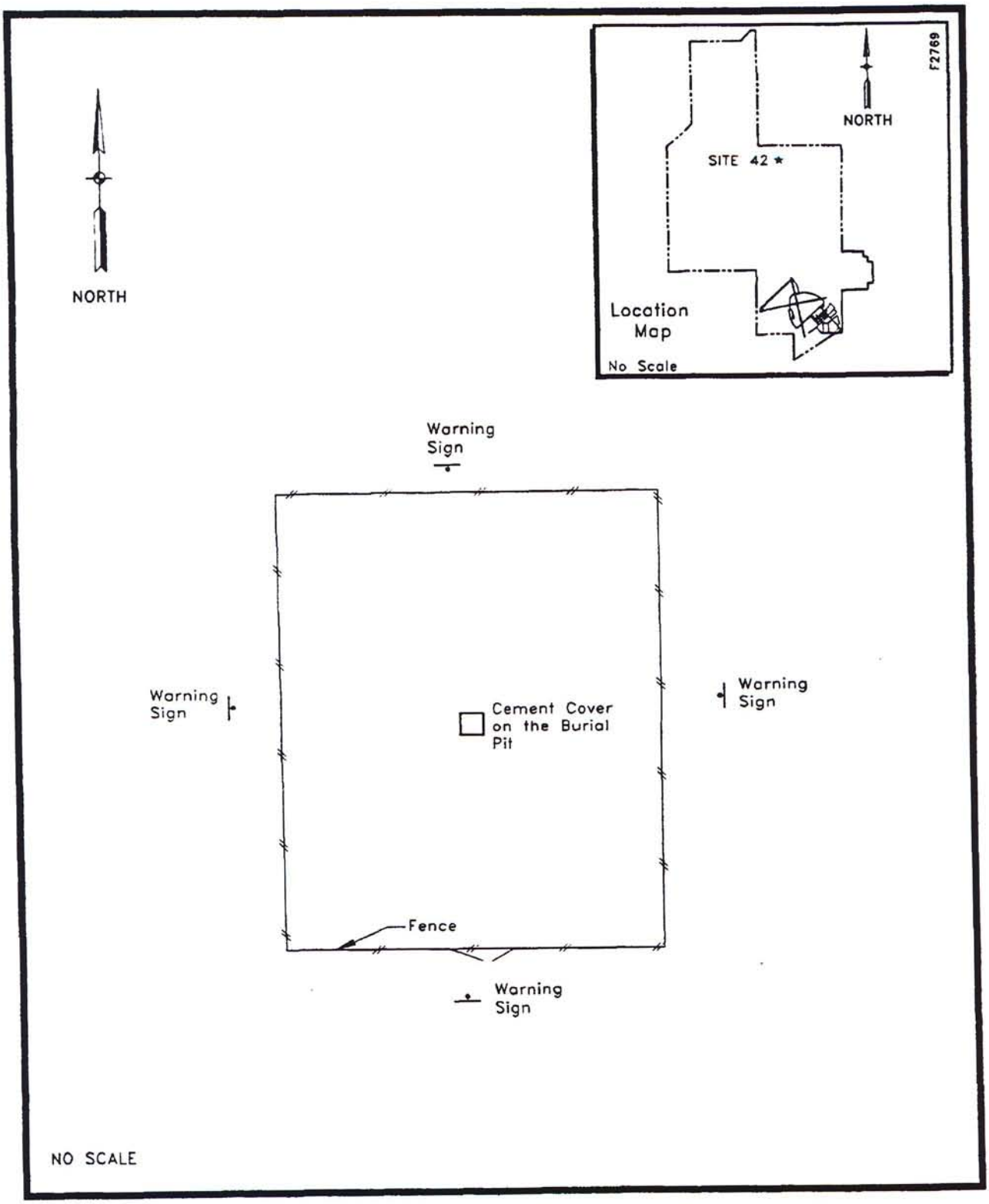


Figure 5-1. Location of Burial Pit at Site 42

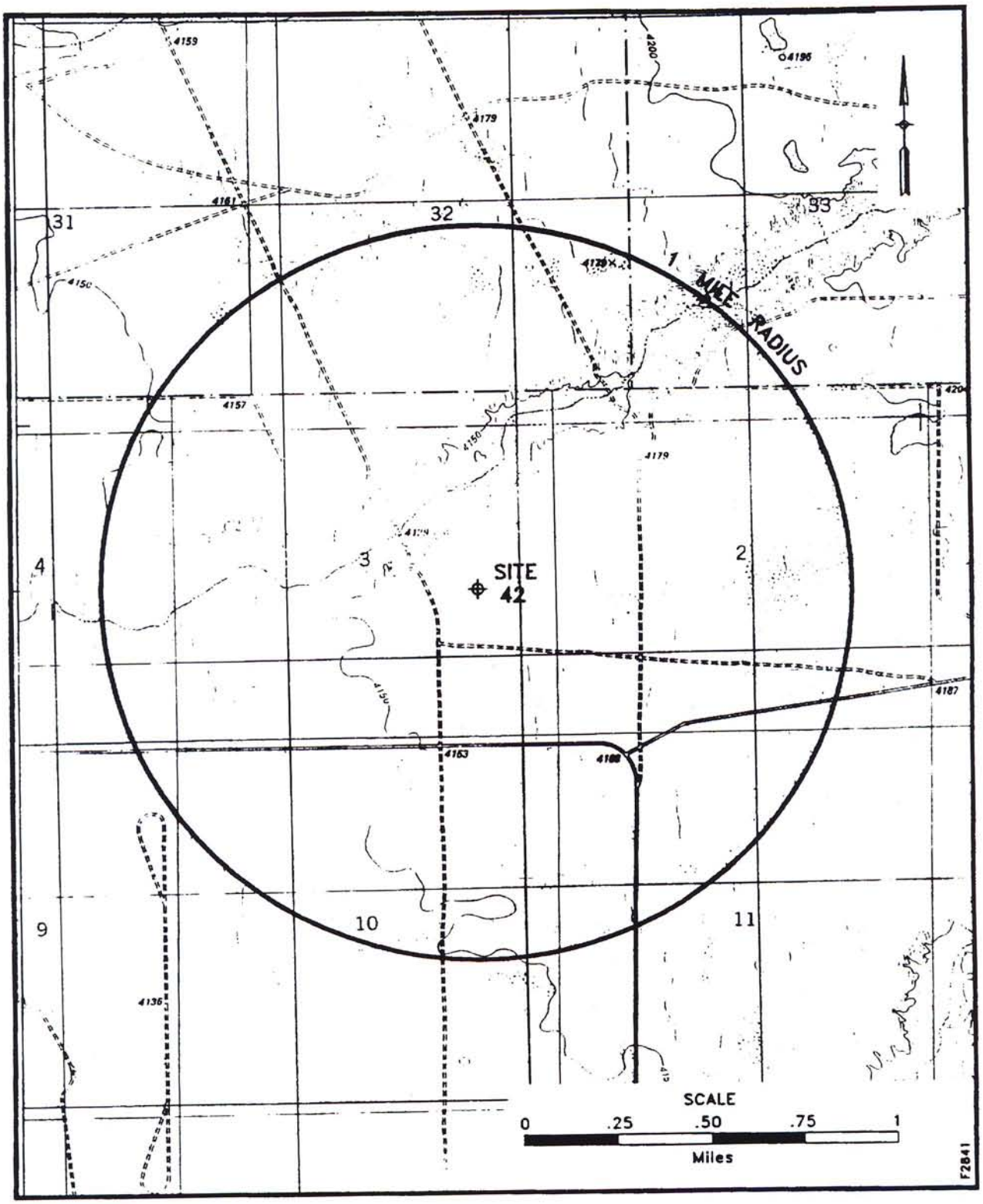
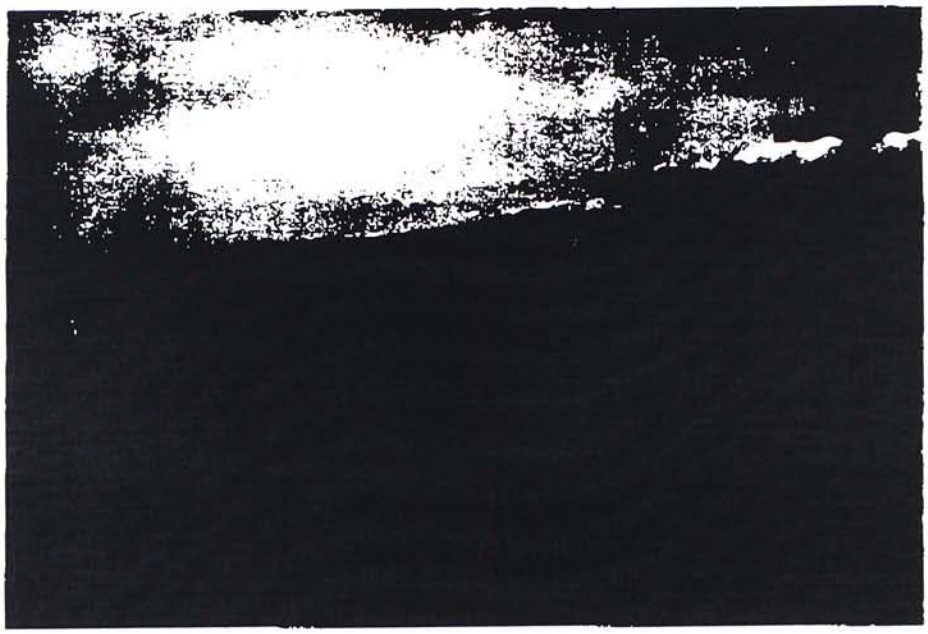
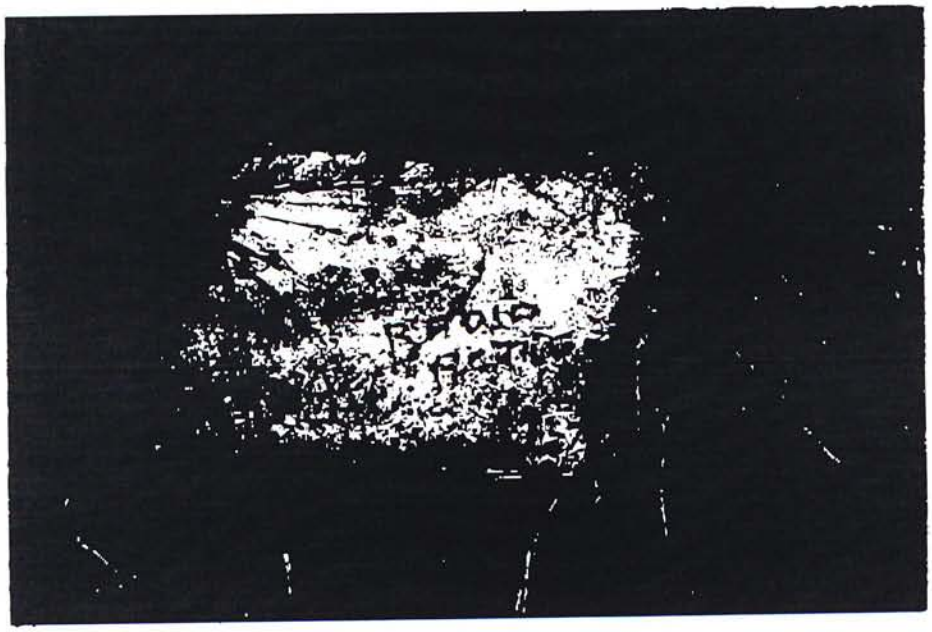


Figure 5-2. Physiographic Map Illustrating Location of Site 42



Warning signs and fence surrounding radioactive waste burial site



3-ft by 3-ft concrete slab indicating the location of the buried concrete cylinder

Figure 5-3. Photos of Site 42

Operational History and Waste Characteristics

Site 42 was created in the 1950s by the U.S. Air Force to bury radioactive waste in accordance with Technical Order TO 00-110A-1 (PA References 5 and 6). This site was closed during or prior to 1959 when the Air Force rescinded general authority to bury radioactive waste (PA Reference 7). It is unknown whether hazardous wastes or constituents were placed in the concrete cylinder along with the radioactive wastes (PA Reference 3).

The buried concrete cylinder contains unknown quantities of wastes. Suspected wastes include animal carcasses containing low-level radioactivity and contaminated pharmaceutical supplies (lab gowns, syringes, etc.) (PA References 8, 9, and 10). This cylinder is 10 ft long, 5.5 ft in diameter, with an opening 8 ft long and 1.5 ft in diameter, and is buried at a depth of 2 to 4 ft. The location, shown in Figure 5-3, is indicated by a 3-ft x 3-ft concrete slab, 4 in. thick (PA Reference 5).

Periodic monitoring (including soil samples and surface readings) conducted by Holloman AFB's Bioenvironmental Engineering (and formerly by Environmental Health Services) has shown normal levels of radioactivity for the site (PA References 7 and 11). Table 5-1 lists results from surface samples taken at the site in February, 1990. The results indicate no significant differences between background radioactivity levels of the soil taken approximately 100 ft southwest of the site and levels found in the soil taken 8 ft southeast of the concrete pad locating the burial site. During Radian's site reconnaissance in February 1991, measurements were taken using portable alpha and beta/gamma detectors (PA Reference 4). The results again indicated background radioactivity levels supporting previous sampling results. Other monitoring results, from 1976 to present, are presented in Appendix G, Attachment 3.

Table 5-1

Site 42 Monitoring Results, February 1991

Constituent	Burial Site Results[a,b]	Background Results[a,c]
Actinium 228	0.9 +/- 0.08	-
Bismuth 212	0.4 +/ 0.2	-
Bismuth 214	0.7 +/- 0.07	-
Cesium 134	<0.041	<0.042
Cesium 137	0.44 +/- 0.038	0.3 +/- 0.032
Cobalt 60	<0.024	<0.019
Gross Alpha	5.9 +/- 4.1	10. +/- 5.4
Gross Beta	12. +/- 0.93	19. +/- 1.1
Lead 212	0.82 +/- 0.06	-
Lead 214	0.68 +/- 0.06	-
Potassium 40	9.9 +/- 0.62	14. +/- 0.67
Radium 226	0.59 +/- 0.4	1.1 +/- 0.42
Thallium 208	0.3 +/- 0.03	-
Thorium 228	0.8 +/- 0.06	-
Thorium 232	0.89 +/- 0.08	0.73 +/- 0.082
Thorium 234	1.1 +/- 0.3	-
Uranium 238	1.2 +/- 0.6	-

[a] Results are in picocuries per gram dried.

[b] Soil sample taken 8 feet southeast of concrete pad (Site 42).

[c] Soil sample taken approximately 100 feet southwest of Site 42.

5.1.2 Groundwater Pathway

Hydrogeologic Setting

Site 42 is located in the Tularosa Basin and has similar geologic and hydrogeologic settings to sites investigated under the RI. For a description of these settings, refer to Subsections 2.2 and 2.3 of the RI Report. These subsections describe the geology and hydrogeology for Holloman AFB including groundwater sources, groundwater use, and well inventories.

Groundwater Targets

The population within the Tularosa Basin (Holloman AFB, White Sands Missile Range Headquarters, and the community of Alamogordo) obtains drinking water from Bonita Lake (60 miles northeast of the basin) and from springs and alluvial sources in the Sacramento, Organ, and San Andres Mountains which are at least 8 miles from the sites (refer to Section 2.3.2). No water supply wells are located on Base because of poor groundwater quality. The nearest production well downgradient of Holloman AFB is a livestock well located 3.5 miles west of the Base (PA Reference 12).

Groundwater Conclusions

A release of hazardous substances from Site 42 to the groundwater is not suspected. Periodic monitoring and sampling of soil indicate that concentrations of radioactive elements present in the site soil are comparable to background concentrations. Because no waste has impacted the soil, it is unlikely that contaminants have migrated to groundwater.

5.1.3 Surface Water Pathway

Hydrogeologic Setting

Tularosa Basin is a closed basin where water is channeled intermittently by draws and arroyos to naturally occurring playa lakes. In the draws and playa lakes, water is lost to evaporation and infiltration. Overland drainage flows west approximately 1000 ft into Hay Draw. This draw flows southwest to the Lost River drainage basin. The basin was formed by damming Lost River to control flooding events (PA Reference 13).

Beyond the dam, Lost River ends 1 mile into the White Sands National Monument (10 miles downstream from Site 42). But because the river is usually dry, water flows into the monument only during extremely heavy rainfall events. Most water is lost to evaporation before it reaches the National Monument.

Surface Water Targets

There are no drinking water intakes or fisheries located anywhere downstream of the site. As stated in Section 5.1.2, the area population receives drinking water from Bonita Lake (60 miles upstream) or from mountain springs (8 miles southeast).

However, the peregrine falcon (federally designated endangered species) has been seen in the general area (PA Reference 14). For a more extensive listing of endangered species inhabiting the surrounding areas, refer to *Holloman AFB Baseline Risk Assessment*, Appendix K, (Radian Corporation, 1992).

Surface Water Conclusions

There is no indication that contaminants have been released from Site 42. Therefore, surface water has not been impacted by the buried waste. Additionally, there are no receptors such as fisheries or drinking water intakes downstream from the site (PA Reference 15).

5.1.4 Soil Exposure and Air Pathways

Physical Conditions

As shown in Figure 5-3, Site 42 has a ground cover consisting of clumps of grass, cacti, and weeds up to 2 ft tall, which adequately protect the soil from erosion (PA Reference 11 and 16). The site, totally enclosed by a fence, is located in a remote undeveloped area of the Base.

Soil and Air Targets

Site 42 has no residents or workers within a 4-mile radius and is located in a remote area.

Soil Exposure and Air Pathway Conclusions

The soil exposure and air pathways for Site 42 pose minimal threats because the waste is encased in concrete, buried under 2 to 4 ft of soil cover at a remote location, and no radioactivity above background valves has been detected.

5.1.5 Summary and Conclusions

In the 1950s, the U.S. Air Force encased an unknown type and quantity of radioactive wastes in a buried concrete container. The site has been periodically monitored and no contamination is present (radioactivity levels at the site are equivalent to levels in the surrounding area). No release to the groundwater, surface water, or air is suspected due to the type of encasement and the site's remote location.

5.1.6 Recommendations

Provided that monitoring (as completed to date by Base Bioenvironmental Engineering) of the site continues, site closeout/no further action appears warranted for Site 42. Appropriate documentation in the form of a Decision Document will be prepared to record and summarize the data presented in this PA. Additionally, Holloman AFB is required to submit a request to EPA Region VI for a Class III permit modification, with appropriate supporting documentation, to terminate the corrective action compliance schedule for SWMU 111.

If future monitoring measurements indicate radioactivity at measurements exceeding background levels, additional investigation of the site is recommended at that time to determine if the measurements are the result of a release from the cylinder.

5.2 Site 51, Primate Research Lab Borehole Disposal Site

5.2.1 Site Description, Operational History, and Waste Characterization

Information for this site was gathered from interviews with past and present employees, existing records, and site reconnaissance. Because records describing disposal

G.3

Background Information for Site 42

PA REFERENCE 3

A.T. Kearney, Inc. RCRA Facility Assessment, Preliminary Review/ Visual Site Inspection Report. Work Assignment No. R26-05-49. St. Paul, Minnesota, 1988. pp 5-332 to 5-334, 7-35 to 7-36

REF 3
PAGE 1 OF 6

RCRA FACILITY ASSESSMENT

PRELIMINARY REVIEW/VISUAL SITE INSPECTION REPORT

Holloman Air Force Base
New Mexico
NM6572124422

Prepared for:

U.S. Environmental Protection Agency
Region VI
1455 Ross Avenue
Dallas, Texas 75202-2733

Prepared by:

A.T. Kearney, Inc.
Three Lagoon Drive, Suite 170
Redwood City, California 94065

and

DPRA Incorporated
245 East 6th Street, Suite 813
St. Paul, MN 55101

Contract No. 68-01-7374
Work Assignment No. R26-05-49

September 1988

SWMU 111 - Radioactive Waste Disposal Area

DESCRIPTION

Unit Type: Landfill (IRP Site 42).

Location: Located east of Range Road 9 and south of Hay Draw in northeastern area of Holloman AFB.

Purpose of Unit: Storage of radioactive materials.

Period of Operation: Early 1950s - 1959.

Dimensions/Volume: Materials were buried in a concrete cylinder 10 feet long and 5.5 feet in diameter. Cylinder is buried two to four feet below grade with a four inch thick concrete cover.

Material of Construction: ___ Steel ___ Wood _x_ Concrete
___ FRP ___ Plaster ___ Earthen

Underlain By: ___ Concrete ___ Asphalt ___ Gravel

___ Grass _x_ Soil

Environmental: ___ Indoors _x_ Outdoors _x_ Below Ground

___ In Ground ___ Above Ground

___ Less than 1000 ft to Surface Water

___ Less than 1000 feet to Drinking Water Well

___ Less than 1000 feet to Residences

Details: The cylinder is enclosed in concrete and buried below the ground. A 40 foot by 60 foot barbed wire fence surrounds the site. Signs are posted warning of radioactive waste disposal.

CLOSURE INFORMATION

___ Active
_x_ Inactive/Physically Present
___ Closed Under State or EPA
___ Other

REGULATORY STATUS

___ RCRA
___ State or local permit
_x_ Not regulated

WASTES MANAGED

_x_ Solids	___ Corrosive	___ Organics
___ Liquids	___ Flammable	___ Inorganics
___ Gases	___ Reactive	___ Metals
___ Sludges		

Details: Radioactive wastes; it is not known whether hazardous wastes or hazardous constiuents were disposed with the radioactive wastes.

Source of Wastes: Unknown

Disposition of Waste: Buried wastes at this site have not been removed.

RELEASE CONTROLS

___ Liner	___ Diking	___ Sewer Connection
___ Level Controls	___ Overflow Controls	___ Corrosion Protection
___ Leak Detection	_x_ Cover	

Details: Radioactive materials are contained in a cylinder which has a concrete cover.

MONITORING

_x_ Monitoring Wells	___ Downgradient Wells
___ Upgradient Wells	___ Surface Water Monitoring

Monitoring Frequency: Periodic measurements and soil analyses are conducted. No radioactivity has been detected outside the container.

RELEASE HISTORY

___ Past Release to Air	___ VSI Noted Release to Air
___ Past Release to Soil/Groundwater	___ VSI Noted Release to Soil/Groundwater
___ Past Release to Surface Water	___ VSI Noted Release to Surface Water
___ Past Release to Subsurface Gas	___ VSI Noted Release to Subsurface Gas

VSI Noted Release Conditions: There were no releases observed from the unit during the VSI.

Details of Past Releases: There was no evidence of past releases observed during the VSI or noted in the file information.

REF 3
PAGE 4 OF 6

RELEASE POTENTIAL

Air	_x_ Low	___ Medium	___ High
Soil/Groundwater	_x_ Low	___ Medium	___ High
Surface Water	_x_ Low	___ Medium	___ High
Subsurface Gas Generation	_x_ Low	___ Medium	___ High

Details of Release Potential: Periodic measurements and soil analyses have indicated that there have been no radioactive leaks from the cylinder. It is not known whether hazardous constituents were placed in the cylinder or whether they are properly contained.

REFERENCES: V-1, V-2

PHOTOGRAPHS: 7-11

SWMU 107 - Main Base Substation PCB Disposal Area

Suggested Further Action: An RFI is suggested for this unit. *

Reasons: This area was used for disposal of transformer oils, possibly containing PCBs, directly on the ground surface. There were no release controls associated with this activity and the soil was never cleaned up. Therefore, an RFI is suggested to determine the magnitude and extent of subsurface contamination.

SWMU 108 - MOBSS Landfill Disposal Trench

Suggested Further Action: An RFI is suggested for this unit. *

Reasons: This inactive landfill contains drums of outdated pesticides. The pesticide drums were disposed in unlined trenches and covered. No other release controls were employed. Therefore, subsurface soil sampling is suggested to determine whether releases of hazardous constituents has occurred.

SWMU 109 - Old Base Landfill

Suggested Further Action: An RFI is suggested for this unit. *

Reasons: Domestic wastes, and possibly waste oils and solvents, and incinerator ash has been disposed in this unit. The wastes were placed in unlined trenches in direct contact with soil and then covered. No other release controls were employed at this unit. Therefore, an RFI is suggested to determine the magnitude and extent of the subsurface contamination.

SWMU 110 - POL Rubble Disposal Area

Suggested Further Action: No further action is suggested at this time.

Reasons: The disposal area was used for disposal of wood, sheet metal, wire, and rails. The materials were disposed directly on the ground surface. There is no evidence that hazardous wastes or constituents have ever been managed at this unit.

SWMU 111 - Radioactive Waste Disposal Area

Suggested Further Action: An RFI is suggested for this unit. *

Reasons: Radioactive wastes were placed in a concrete cylinder and buried into the ground at this unit. The containment features of the concrete unit are not known, and it is also not known whether other hazardous wastes or constituents were disposed with the radioactive wastes. Therefore, subsurface soil sampling should be conducted as a part of an RFI to determine whether hazardous constituents have been released.

SWMU 112 - RATSCAT Disposal Area

Suggested Further Action: No further action is suggested at this time.

Reasons: The disposal area formerly contained inert missile debris, guns, aircraft parts, foam, and wood. All wastes were removed from this location, and the area was graded flat. There is no evidence that hazardous wastes or constituents have ever been managed at this unit.

SWMU 113 - Sludge Disposal Trenches

Suggested Further Action: An RFI is suggested for this unit. *

Reasons: Wastes including grease, oily sludge, and wastewater treatment plant sludges were disposed in unlined trenches. The trenches now receive only treatment plant sludge. When a trench is filled it is covered. Therefore, since the grease, oily sludge, and treatment plant wastes may contain hazardous constituents, an RFI is suggested to determine the magnitude and extent of subsurface contamination.

SWMU 114 - Tetraethyl Lead Disposal Area

Suggested Further Action: An RFI is suggested for this unit. *

Reasons: Tetraethyl lead wastes were disposed in an unlined pit in this area and elevated concentration of lead (1,000 ppm) have been detected in soil samples. Therefore, an RFI is suggested to determine the magnitude and extent of subsurface contamination.

SWMU 115 - West Area Landfill #1

Suggested Further Action: An RFI is suggested for this unit. *

Reasons: The known wastes disposed in this landfill included rubbish, plastic sheets, boxes, and empty cans. Several 55-gallon drums containing an unknown waste were also

PA REFERENCE 5

Letter from: Capt. F.R. Sprester, USAF,

Holloman AFB Radiation Protection Section

To: Dr. T. Wolff of the Radiation Protection Section,

New Mexico Environmental Improvement Agency,

Date: 9 September 1977

/SGPM

REF 5

PAGE 1 OF 2

9 September 1977

Dr. Ted Wolff
Radiation Protection Section
Environmental Improvement Agency
P. O. Box 2348
Santa Fe, NM 87501

Dear Sir:

This is to inform you that a radioactive waste disposal site exists on Holloman Air Force Base, New Mexico. If a New Mexico Environmental Improvement Agency permit is required to maintain the site, please notify Environmental Health Services in writing.

The site is located north of the main base area (see Figure 1). It is fenced and has signs erected to prevent unauthorized access. The attached photograph shows the area is isolated with the nearest human activity approximately two miles away.

The site was created in the 1950's. Former Air Force personnel present during the internment operation described the vault to be a concrete cylinder approximately ten feet in length and five and one-half feet in diameter (10'x5½'). The opening of the vault was eight feet in depth and one and one-half feet in diameter (8'x1½').

Investigations by this office indicate that no records of the exact type or quantity of radioactive material were maintained. The cylinder is buried at a depth of 2-4 feet with a concrete cover (3'x3', 4 inches thick) to indicate the exact location.

Environmental Health Services monitors the site on a periodic basis using a AN/PDR-27 and PAC-1S radiacmeter equipment. The last survey was conducted on 23 March 1977 with the following results:

EQUIPMENT	READINGS	TYPE RADIATION
AN/PDR-27	Maximum of 0.04mR/hr	β , γ
PAC-1S	Zero CPM	α

These readings are interpreted to be normal background radiation.

Disinternment of the site is not considered necessary or practical. Removal of buried waste will only be accomplished when there is a mission essential need for the site. All disinternment action will

require approval of headquarters USAF and will comply with Nuclear Regulatory Commission (NRC) rules and regulations.

The general authority to bury radioactive waste was rescinded in 1959 and since then the Air Force has converted to NRC approved contractor disposal.

Should you have any questions concerning the above, please call (505) 479-6511, extension 7461 or 3805.

SIGNED

FORREST R. SPRESTER, Capt, USAF, PSC
Base Radiation Protection Officer

Atch: Figure

PA REFERENCE 6

Letter from: Lt. Gen. R.A. Patterson, USAF, Surgeon General

To: Air Force Commands

Subject: Radioactive Waste Disposal Sites

Date: 16 July 1974

REF 6
PAGE 1 OF 2

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
WASHINGTON, D.C. 20314

REPLY TO ATTN OF: SG

16 JUL 1974

SUBJECT: Radioactive Waste Disposal Sites

TO: AAC, ADC, AFCS, AFLC, AFRES, AFSC, ATC, AU, CINCPACAF, CINCSAC, CINCUSAFE, HQ COMD USAF, MAC, ~~TAC~~, USAFA, USAFSO, USAFSS

(Surgeon/Civil Engineer)

1. In the early 1950's it was common practice in the United States to bury radioactive waste. The Air Force adopted this practice and developed a technical order (TO 00-110A-1) which specified procedures to be followed. In 1959 the general authority to bury radioactive waste was rescinded and the Air Force converted to a contractor disposal system (TO 00-110N-2).

2. This headquarters directed an Air Force-wide survey to determine the location of these burial sites. Forty-six bases were identified as possessing radioactive burial sites (see Atch 1). This study also indicated there were no records of the exact type or quantity of radioactive material disposed of in the sites. Generally, the buried radioactive waste could be categorized into (a) electron tubes containing radionuclides (b) low level radioactive wastes generated in nuclear weapons maintenance operations, and (c) radioluminescent materials containing radium.

3. Disinterment of all radioactive burial sites is not considered necessary or practical. Removal of buried waste should only be accomplished when there is a mission essential need for the site. When the site location is disposed of as excess property, an attempt will be made to obtain a permanent easement for the burial site. If the prospective property owner is not agreeable to this condition, the site will be disinterred. The Base Civil Engineer, in conjuction with the USAF Radiological Health Laboratory, is responsible for developing disinterment procedures which are consistent with good health physics practices. Material removed will be disposed of in accordance with TO 00-110N-2. Unless there are specific records indicating buried radioactive material was licensed by the Atomic Energy Commission (AEC), no license for the disinterment process will be requested from the AEC. All disinterment actions require prior approval of this headquarters.

4. All existing burial sites will be located on Tab C-1 of the Base Master Plan and accounted for on real property records. Each site will be permanently posted with an appropriate warning sign (see Atch 2).

Underwrite Your Country's Might - Buy U.S. Savings Bonds

REF 6
PAGE 2 OF 2

5. Appropriate Air Force directives will be revised to reflect the policy. This letter expires on 1 July 1975 unless sooner rescinded or superseded.

FOR THE CHIEF OF STAFF

ROBERT A. PATTERSON, Lt General, USAF, MC
Surgeon General

2 Atch
1. List of AF Burial Sites
2. Burial Site Warning Sign

Copy to: AFISC/SG
AFISC/SEL
AFISC/IGM
NGB/SG
AFMPC/SG
ARPC/SG
AFDSDC/SG
AFAFC
DMAAC
USAFSAM/EDEO
AFSC/VN

PA REFERENCE 7

Letter from: 2Lt. R.J. Andreoli, USAF,

Holloman AFB Environmental Health Services Chief

To: Information Office

Subject: Radioactive Waste Disposal Site

Date: 22 January 1980

KAW BURIAL SITE

File 136 cw

REF 7
PAGE 1 OF 1

SGPM/3303/Autovon 867-3303 22 January 1980

Radioactive Waste Disposal Site

Information Office

1. A radioactive waste disposal site is located in the North Area of Holloman AFB, NM. This site was created during the 1950's and closed during or prior to 1959. This was when the Air Force rescinded general authority to bury radioactive waste and converted to a contractor disposal system.

2. The radioactive waste is buried in a concrete cylinder which is ten feet in length and five and one-half feet in diameter. The opening of the cylinder is eight feet in length and one and one-half feet in diameter.

3. The cylinder is buried at a depth of two-four feet with a concrete cover (3' x 3' x 4-inches thick) to indicate the location of the site.

4. The site is in an isolated portion of the base and is fenced in. Warning signs are present and are written in both Spanish and English.

5. This site is periodically monitored by Environmental Health Services. No significant radioactivity has been found by this office during any surveys of the site.

6. If you have any questions, call extension 3303 or autovon 867-3303.

Robert J. Andreoli

ROBERT J. ANDREOLI, 2Lt, USAF, BSC
Chief, Environmental Health Services

Cy to: SG
SGPAE/Langley AFB, Va

PA REFERENCE 8

Memo for the record by: Maj. S.T. Cordts, USAF,

Holloman AFB Bioenvironmental Engineering Chief

Subject: Survey of the Radioactive Waste Burial Site

Date: 12 October 1988

REF 8
PAGE 1 OF 1

emo for the Record

12 Oct 88

Survey of the Radioactive Waste Burial Site

A survey was performed 5 October 1988 of the identified Holloman radioactive waste burial site by Major Cordts, MSgt Gordon and A1C Baldwin of the Bioenvironmental Engineering Services. No measurements were made of radiation levels during this survey, since radiation levels were measured on 7 Sep 88 by Lt Hewitt and A1C Baldwin and levels at that time were the same as or less than background. During the survey on 5 Oct 88, it was noted that:

The surface appearance of the buried wastes is a concrete slab approximately 4 feet square at the ground's surface, with the words "RADIO ACTIVE" scratched on the surface. There are no protrusions through the slab and no cracks in it. Anecdotal information is that there is a 2 foot diameter steel tube encased in concrete under the slab and it contains animal carcasses which were sacrificed after experimentation with radioactive materials.

The site is surrounded by a 3 strand barbed wire fence in good condition, approximately 4 feet high in a rectangle 30 feet by 50 feet. Approximately 10 feet outside each side of the fence, there is a warning sign (bilingual), warning people of the buried radioactive material and that digging is not allowed ~less with the approval of Base Civil Engineers and Base Medical rvices. All signs are in very good condition.

Ground cover consists of clumps of grass, cacti and weeds, up to 2 feet tall. There are many rodent holes in the area, including one within a foot of the concrete slab. Measurements of radiation levels at the surface have reportedly never been elevated, though, indicating that the rodents are not bringing radioactive contamination to the surface, even in the unlikely event that the tube and concrete have ruptured.

The site is in a remote desert area, with the closest building estimated to be 2 miles away. Access to the site is by way of a deteriorated gravel road, going approximately 500 yards north of a seldom traveled gravel road. The only routine activity occurring in the area is inspection of a power transmission line, which is approximately 800 yards west of the burial site. (Distances estimated from Sheet 9 of Base Map, scale 1"=400'.)

The next survey is scheduled for September 1989.

Stuart T Cordts

STUART T.CORDTS, Major, USAF, BSC
Chief, Bioenvironmental Engineering

MFRWASTE)

Atch 2

PA REFERENCE 9

Telephone conversation with: Col. F.R. Sprester,

Former Holloman AFB Bioenvironmental Engineering Chief

Date: 4 April 1992

REF 9
PAGE 1 OF 1

RADIAN CORPORATION

TELEPHONE CALL RECORD
☐ Incoming Call
☐ Outgoing Call

Project No.	
Project Name	Holloman AFB
Date	3 April 92
Time	200pm
Person Calling	Bob Borger
Activity	Radian
Person Called	Col. Forest Spresser
Activity	March AFB (714)655 3952
General Subject	Past activities at Site 42

Distribution

TOPICS DISCUSSED AND ACTION TAKEN

Col Spresser stated that he conducted interviews with local workers (in the 70's - 76 or 77) that constructed and filled the concrete encasement/vault. He said that the only materials that were reportedly placed in the vault were monkeys that had been injected with radio isotopes (that died) and the syringes, gowns, and other things that were contaminated. He couldn't remember the types of isotopes (plutonium, uranium?) but he thought that information was written down elsewhere (it isn't). He said to contact Mr. Bob Andreoli for further information.

Signature: RC Borger

9-85-21364

PA REFERENCE 10

Telephone conversation with: Mr. R.J. Andreoli,

Former Holloman AFB Environmental Health Services Chief

Date: 7 April 1992

REF 10
PAGE 1 OF 1

RADIAN CORPORATION

TELEPHONE CALL RECORD
☐ Incoming Call
☐ Outgoing Call

Project No.	
Project Name	HOLLOMAN AFB PA
Date	7 April 92
Time	1400
Person Calling	Bob Borger
Activity	Radian
Person Called	Mr. Bob Andreoli
Activity	White Sands Missile Facility ~~(505) 678 2224~~
General Subject	Prior Activities at Site 42

Distribution

TOPICS DISCUSSED AND ACTION TAKEN

Mr. Andreoli stated that he, as Col Spresser, believed that the contents of the vault were contaminated, experimented on, monkeys and lab wastes from experimentation. He remembers recommending to have the site exhumed/remediated, but that decision was rejected. So the decision to continue monitoring was made. He also said that drawings of the concrete vault were once at Holloman CE department. But, when he tried to re find them, they were gone. He remembers that the structure was solid concrete with a small open area in the center (as described by Spresser).

Signature: R B Borger

9-85-21364

PA REFERENCE 11

Letter from: Lt. Col. S.T. Cordts, USAF,

Holloman AFB Bioenvironmental Engineering Chief

To: 833CSG/DEV

Subject: Survey of the Radioactive Waste Burial Site

Date: 4 June 1990

REF 11
PAGE 1 OF 6

Kodl Burial Site

SGPB (7812)

4 June 1990

Survey of the Radioactive Waste Burial Site

833CSG/DEV

1. A survey was performed 15 February 1990 of the identified Holloman Air Force Base radioactive burial site, by Major Stuart Cordts and 2Lt Charles Cole of the Bioenvironmental Engineering Section. The survey was conducted as described in the HQ TAC/SGPB letter 88-38, which references a HQ AFOMS/SGPR letter (attached). Soil samples were taken within the site boundaries and of background soil, and the recently received analysis results are attached. During the survey of 15 Feb 90, it was noted that:

a. The site is surrounded by a 3-strand barbed wire fence approximately 4 feet high in a rectangle approximately 30 feet by 50 feet. A gate consisting of 3-strand barbed wire on a movable fence post is secured by a wire, and thus provides minimally controlled access to the actual site. The fence is in good condition. Warning signs are placed approximately 10 feet outside each side of the fence. The warning signs had proper symbols and lettering and were bilingual. Of the 4 signs, 2 had a bullet hole each but were still legible.

b. The burial site is marked with a cement pad approximately 3 feet square supposedly at the burial location. Surrounding ground cover consisting of clumps of grass, cacti and weeds, up to 2 feet tall, adequately protect the soil from erosion. There are many rodent holes in the area, including an old hole about 8 feet SE of the slab. Measurements were taken with an AN/PDR-27T and AN/PDR-56 at the location of the old burrow hole, and a soil sample was also taken. Measurements were also made and a soil sample taken of a background site approximately 100 feet SW of the burial site. All instrument measurements were "background" and the soil analysis results indicate no significant differences between the soil at the burial site and the background sample.

2. All requirements contained in the HQ TAC/SGPB letter (88-38) were met with the exception of the fencing. The guidance in the higher headquarters policy letter is that the fencing will be anti-personnel fencing such as chain link type fencing. Since I believe only low level radioactive waste in animal carcasses are buried in an encased concrete pipe at the site, such that it

would take much effort to deliberately violate the buried encasement, and since the signs and fencing adequately prevent inadvertent digging, present security is adequate in my opinion. On 4 June 1990, I contacted Lt Colonel David Potts at HQ TAC/SGPB, and he concurred that the barbed-wire fencing met the intent of anti-personnel fencing.

3. If you have any questions or comments about this letter, please contact myself at extension 7812.

Stuart T Cordts

STUART T. CORDTS, Lt Col, USAF, BSC
Chief, Bioenvironmental Engineering

3 Atch
1. Policy Letter
2. Site Soil Sample
3. Background Sample

(Z2:RADFEB90)

REF 11
PAGE 3 OF 6

RADIOLOGICAL SAMPLING DATA

(Use this space for mechanical imprint)

OEHL USE ONLY

WORKPLACE OR SITE IDENTIFIER: 0087

BASE: Holloman AFB

ORGANIZATION:

WORKPLACE OR SITE: Rad. Burial Site

DATE COLLECTED (YYMMDD): 910121 15

TIME COLLECTION BEGAN (24 hour clock): 1030

BLDG NO./LOCATION: NA

ROOM/AREA: NA

MAIL REPORTS TO (Circle if changed)

ORIGINAL	0087	833d Med Gp/SGPB, HAFB, N.M. 88330
COPY 1		
COPY 2		

SAMPLE COLLECTED BY (Name, Grade, AFSC): Stuart T Cordts STUART T. CORDTS, MAJ

SIGNATURE: 9125A

AUTOVON: 867-7812

REASON FOR SUBMISSION: R R

A–ACCIDENT/INCIDENT C–COMPLAINT F–FOLLOWUP/CLEANUP N–NPDES
R–ROUTINE BACKGROUND/PERIODIC SURVEY O–OTHER (Specify)

EMPLOYEE NAME:

EMPLOYEE SSN:

EMPLOYEE WEIGHT: LBS.

AGE:

SEX: ☐ MALE ☐ FEMALE

BASE SAMPLE NUMBER: GS 90 1604

OEHL PID NUMBER (OEHL USE ONLY):

COLLECTION METHOD (enter letter code)
- C-Composite
- G-Grab
- V-Single Void
- T-24 Hour Void
- W-Wipe/Swipe
- O-Other

SAMPLE TYPE (enter letter code)
- X-Air, Ambient/Gen. Area
- Y-Air, Emission, Source
- Z-Air, Breathing Zone
- B-Blood
- O-Biological, Other
- F-Food
- G-Gas/Air, Compressed
- H-Human
- M-Industrial Material
- R-Nasal Swab
- D-Residue/Ash
- L-Sludge
- S-Soil
- W-Surface Contaminant
- C-Unclassified/Other
- U-Urine
- V-Vegetation
- T-Waste, Hazardous, Toxic
- N-Water, Nonpotable
- P-Water, Potable

PRESERVATION GROUP: N Ø

R1-NITRIC ACID, pH < 2.0 (plastic container) N0-NONE
R2-HYDROCHLORIC ACID, pH < 2.0 (with $Na_2S_2O_3$ in glass container)

ANALYSES REQUESTED

- ☒ GROSS ALPHA
- ☒ GROSS BETA
- ☐ GAMMA
- ☐ CARBON 14
- ☐ TRITIUM
- ☐ URANIUM
- ☐ PLUTONIUM
- ☐ RADIUM
- ☐ RADON
- ☐ STRONTIUM
- ☐ DRINKING WATER STANDARDS (AFR 161-44)
- ☐ OTHER (specify) Primary Gamma

AIR FILTER DATA	COLLECTION TIME	FLOW RATE	VOLUME COLLECTED
	min		

REMARKS

Location of radioactive burial site. Soil sample 8' SE of SE corner of cement pad. Old burrow soil, no recent animal digging signs anywhere around.

Readings on AN/PDR-27T, S/N 1551, were background (< .05 mR/hr).

Readings on AN/PDR-56, S/N 1053, were 0 CPM on lowest scale.

AF FORM DEC 84 2753 PREVIOUS EDITION WILL BE USED.

SAMPLE ANALYSIS RESULTS REPORTED ON 04-MAY-1990
USAF OCCUPATIONAL AND ENVIRONMENTAL HEALTH LABORATORY
BROOKS AIR FORCE BASE, TEXAS 78235-5501

OEHL ID

19000234

833 MEDICAL GROUP/SGPB
HOLLOMAN AFB NM 88330-5300

BASE ADDRESS CODE: R00087Z

IDENTIFICATION:
Base Sample #: GS901604 Burial Site
OEHL ID: 19000234
Type of Sample: SOIL
Workplace or Site ID: 00087 HOLLOMAN AFB, NM
15 Feb 90 Date Collected: 13-FEB-90 Time Collected: 1030
Date Received: 26-FEB-90
Date Completed: 03-MAY-90

SAMPLE WEIGHT 1241 GRAMS DRY.

ACTINIUM 228		0.9	+/-	0.08	PICOCURIES PER GRAM DRIED
BISMUTH 212		0.4	+/-	0.2	PICOCURIES PER GRAM DRIED
BISMUTH 214		0.7	+/-	0.07	PICOCURIES PER GRAM DRIED
CESIUM 134	<	0.041			PICOCURIES PER GRAM DRIED
CESIUM 137		0.44	+/-	0.038	PICOCURIES PER GRAM DRIED
COBALT 60	<	0.024			PICOCURIES PER GRAM DRIED
GROSS ALPHA		5.9	+/-	4.1	PICOCURIES PER GRAM DRIED
GROSS BETA		12.	+/-	0.93	PICOCURIES PER GRAM DRIED
LEAD 212		0.82	+/-	0.06	PICOCURIES PER GRAM DRIED
LEAD 214		0.68	+/-	0.06	PICOCURIES PER GRAM DRIED
POTASSIUM 40		9.9	+/-	0.62	PICOCURIES PER GRAM DRIED
RADIUM 226		0.59	+/-	0.4	PICOCURIES PER GRAM DRIED
THALLIUM 208		0.3	+/-	0.03	PICOCURIES PER GRAM DRIED
THORIUM 228		0.8	+/-	0.06	PICOCURIES PER GRAM DRIED
THORIUM 232		0.89	+/-	0.08	PICOCURIES PER GRAM DRIED
THORIUM 234		1.1	+/-	0.3	PICOCURIES PER GRAM DRIED
URANIUM 238		1.2	+/-	0.6	PICOCURIES PER GRAM DRIED

RESULTS ACCURATE TO 2 SIGNIFICANT FIGURES.
ERROR TERM AT 95% CONFIDENCE LEVEL.

Mark C. Wrobel, Capt, USAF, BSC
Health Physicist
AUTOVON 240-2061

Atch 2

REF H
PAGE 6 OF 6

RADIOLOGICAL SAMPLING DATA

(Use this space for mechanical imprint)

OEHL USE ONLY

WORKPLACE OR SITE IDENTIFIER: 0087

BASE: Holloman AFB

ORGANIZATION:

WORKPLACE OR SITE: Rad Burial Site, Background

DATE COLLECTED (YYMMDD): 900215

TIME COLLECTION BEGAN (24 hour clock): 1045

BLDG NO./LOCATION: NA

ROOM/AREA: NA

MAIL REPORTS TO (Circle if changed)

ORIGINAL	0087	833d Med Gp/SGPB, HAFB, N.M. 88330
COPY 1		
COPY 2		

SAMPLE COLLECTED BY (Name, Grade, AFSC): STUART T. CORDTS, Major 9125A

SIGNATURE: Stuart T Cordts

AUTOVON: 867-7812

REASON FOR SUBMISSION: R R

A–ACCIDENT/INCIDENT C–COMPLAINT F–FOLLOWUP/CLEANUP N–NPDES
R–ROUTINE BACKGROUND/PERIODIC SURVEY O–OTHER (Specify)

EMPLOYEE NAME:

EMPLOYEE SSN:

EMPLOYEE WEIGHT: LBS.

AGE:

SEX: ☐ MALE ☐ FEMALE

BASE SAMPLE NUMBER: GS 90 1605

OEHL PID NUMBER (OEHL USE ONLY):

COLLECTION METHOD (enter letter code)
C-Composite
G-Grab
V-Single Void
T-24 Hour Void
W-Wipe/Swipe
O-Other

SAMPLE TYPE (enter letter code)

X-Air, Ambient/Gen. Area	H-Human	C-Unclassified/Other
Y-Air, Emission, Source	M-Industrial Material	U-Urine
Z-Air, Breathing Zone	R-Nasal Swab	V-Vegetation
B-Blood	D-Residue/Ash	T-Waste, Hazardous, Toxic
O-Biological, Other	L-Sludge	N-Water, Nonpotable
F-Food	S-Soil	P-Water, Potable
G-Gas/Air, Compressed	W-Surface Contaminant	

PRESERVATION GROUP: N Ø

R1-NITRIC ACID, pH < 2.0 (plastic container) NØ-NONE
R2-HYDROCHLORIC ACID, pH < 2.0 (with $Na_2S_2O_3$ in glass container)

ANALYSES REQUESTED

☒ GROSS ALPHA	☐ GAMMA	☐ TRITIUM	☐ PLUTONIUM	☐ RADON	☐ DRINKING WATER STANDARDS (AFR 161-44)
☒ GROSS BETA	☐ CARBON 14	☐ URANIUM	☐ RADIUM	☐ STRONTIUM	

OTHER (specify): PRIMARY GAMMA

AIR FILTER DATA	COLLECTION TIME (min)	FLOW RATE	VOLUME COLLECTED

REMARKS

BACKGROUND SOIL. TOPSOIL 1' X 8" X 2" deep. SAMPLING LOCATION 30' NORTH OF OLD BUILDING FOUNDATION WHICH IS APPROXIMATELY 100' SW OF RADIOACTIVE BURIAL SITE.

READINGS WERE BACKGROUND ON PDR-27T S/N 1551, OP CHECK PRIOR, LAST CALIBRATED 31 JAN 90

READINGS WERE NONE CPM DETECTED ON PDR-56, S/N 1053 OP CHECK PRIOR, LAST CALIBRATED 89156 JULIAN

AF FORM 2753 DEC 84 PREVIOUS EDITION WILL BE USED.

REF 11
PAGE 6 OF 6

SAMPLE ANALYSIS RESULTS REPORTED ON 06-APR-1990
USAF OCCUPATIONAL AND ENVIRONMENTAL HEALTH LABORATORY
BROOKS AIR FORCE BASE, TEXAS 78235-5501

OEHL ID

19000235

833 MEDICAL GROUP/SGPB
HOLLOMAN AFB NM 88330-5300

BASE ADDRESS CODE: R00087Z

IDENTIFICATION:
Base Sample #: GS901605 Background Soil
OEHL ID: 19000235
Type of Sample: SOIL
Workplace or Site ID: 00087 HOLLOMAN AFB, NM
Date Collected: 15-FEB-90 Time Collected: 1045
Date Received: 26-FEB-90
Date Completed: 04-APR-90

SAMPLE WEIGHT 1387 GRAMS DRY

CESIUM 134	<	0.042			PICOCURIES PER GRAM DRIED
CESIUM 137		0.3	+/-	0.032	PICOCURIES PER GRAM DRIED
COBALT 60	<	0.019			PICOCURIES PER GRAM DRIED
GROSS ALPHA		10.	+/-	5.4	PICOCURIES PER GRAM DRIED
GROSS BETA		19.	+/-	1.1	PICOCURIES PER GRAM DRIED
POTASSIUM 40		14.	+/-	0.67	PICOCURIES PER GRAM DRIED
RADIUM 226		1.1	+/-	0.42	PICOCURIES PER GRAM DRIED
THORIUM 232		0.73	+/-	0.082	PICOCURIES PER GRAM DRIED
URANIUM 235	<	0.097			PICOCURIES PER GRAM DRIED

RESULTS ACCURATE TO 2 SIGNIFICANT FIGURES.
ERROR TERM AT 95% CONFIDENCE LEVEL.

Mark C. Wrobel, Capt, USAF, BSC
Health Physicist
AUTOVON 240-2061

Atch 3

RADIOACTIVE BURIAL SITE FILE

SGPM 21 January 1982

Monitoring of the Radioactive Waste Disposal Site

DEEV

1. Capt Forrest Sprester, Bioenvironmental Engineer, and AMN Jeffery Hamilton, Environmental Health Specialist, conducted an annual evaluation of the integraty of the Radioactive Waste Disposal Site on 21 February 1981. Air Force criteria published by the Surgeon General entitled "Radioactive Waste Disposal Sites" was used as a guide in conducting the evaluation.

2. The site was monitored using Air Force Radiac equipment in the area of the concrete slab marking the container location. Measurements taken on and around the slab were provided to you in a letter dated 26 February 1981. During the survey, we noted that small animals had burrowed around the slab bringing soil and rock to the surface that may have been contaminated with radioactive waste. Therefore, soil samples were collected and sent to USAF Occupational and Environmental Health Laboratory for analysis.

3. The results of the analysis are presented below with a comparison to other radiological analyses of soil samples collected on Holloman AFB.

Radiological Analysis of
Holloman AFB Soils

CONSTITUENTS (Picocuries per gram dry)	Radioactive Waste Disposal Site (1981)	Radiation Decon Sump Bldg 844 (1976)	North End of Test Track (1979) Average Value	Background Main Area Of Base	Environmental Average1/
Gross Alpha	5	6	4	6	-----
Gross Beta	16	7	8	7	-----
Potassium 40	10	4.1	3.9	4.2	0.1-5.2
Cesium 137	0.32	0.29	0.37	0.29	1
Thorium 232	0.56	0.15	0.39	0.16	0.65
Uranium 238	1.0	1.1	1.5	1.2	0.4
Radium 226	0.13	0.24	0.13	0.49	0.73

1/ Average or range background data in the United States as per Environmental Radioactivities, by Eisenbud, Academic Press, 1973.

4. The results of the analysis indicate the constituents are within the normal environmental limits for the Holloman Area. The results can be considered the baseline results for Radioactive Waste Disposal Site and may be used for comparison in future evaluations.

5. If you have any questions pertaining to the above, please feel free to call me at extension 3303.

FORREST R. SPRESTER, Capt, USAFR, BSC
Senior Bioenvironmental Engineer

Cy to: 833CSG/CC
833CSG/DECD
833CSG/JA

File ~~[illegible]~~
11

MEMO FOR THE RECORD

28 April 1981

On 28 February 1981, a soil sample was collected by Capt Forrest Sprester, Reserve Bio-Environmental Engineer,and AMN Jeffery D. Hamilton, Environmental Health Specialist at the North Area Radiation Disposal Site. This was sent to OEHL, Brooks AFB for analysis. Attachment 1 shows the analysis results.

Jeffery D. Hamilton

JEFFERY D. HAMILTON, AMN, USAF
Environmental Health Specialist

1 Atch
Sample Analysis Results

01-APR-81 R087Z

USAF HOSP HOLLOMAN/SGPM
HOLLOMAN AFB NM 88330

SAMPLE ANALYSIS RESULTS

USAF OCCUPATIONAL AND ENVIRONMENTAL HEALTH LABORATORY(AFSC)
BROOKS AFB,TEXAS 78235

IDENTIFICATION	TYPE OF SAMPLE	DATE RECEIVED	OEHL NUMBER
B1-0005	SOIL	02-MAR-81	18100191

GROSS ALPHA	5.	PICOCURIES PER GRAM DRY
GROSS BETA	16.	PICOCURIES PER GRAM DRY
POTASSIUM 40	10.	PICOCURIES PER GRAM DRY
CESIUM 137	.23	PICOCURIES PER GRAM DRY
THORIUM 232	.56	PICOCURIES PER GRAM DRY
URANIUM 238	1.0	PICOCURIES PER GRAM DRY
RADIUM 226	<.13	PICOCURIES PER GRAM DRY

AMON J. CLAY
CHIEF,RADIOANALYTICAL SERVICES BR .
AUTOVON 240-2061

DATE COMPLETED 27-MAR-81

HAFB Radioactive Waste Disposal Site

SGPM 22 December 1976

Holloman AFB Radioactive Waste Disposal Site

49CSG/CC
49CSG/DE
IN TURN

1. An environmental survey of the Radioactive Waste Disposal Site, located in the north area of Holloman AFB (see Attachment 1), was conducted 20 December 1976 in accordance with the AF/SG Surgeon General letter entitled "Radioactive Waste Disposal Sites" dated 16 July 1974. The survey was conducted by Captain Forrest Sprester and A1C Dennis Price, Environmental Health Service, USAF Hospital, Holloman AFB, NM.

2. Purpose: The purpose of the annual survey is to monitor radioactive levels and physical security of the site to insure compliance with current Air Force standards.

3. Findings: The physical security of the disposal site is unsatisfactory. The security fence, 800 feet in length, has been completely disassembled and removed from the site. More than half of the fence posts have been removed. The four radioactive waste disposal caution signs are standing up to 200 feet away from the 3' x 3' concrete slab covering the radioactive waste container. A small, badly-faded sign adjacent to the concrete slab is the only indication that radioactive waste is contained beneath the concrete. The concrete slab has numerous cracks. Following are the readings taken at the site:

EQUIPMENT	READINGS	TYPE RADIATION
AN/PDR 27	MAX .04 MR/HR	β, γ
PAC-1-S	0	α

The above radiation readings are interpreted to be background radiation.

4. Recommendation: It is recommended that the site be properly restored to comply with the aforementioned AF/SG letter or the applicable Civil Engineering Technical Order. The Air Force still does not permit burial of radioactive waste as a means of disposal, but maintenance of past disposal sites must be continued. Since the security fence no longer exists and the area appears to be favored for motor bikes and other recreation vehicles, action should be taken to secure the site. The caution signs, except the one at the concrete slab, are in good condition and need only to be moved an adequate distance from the disposal site. There are 4" x 4" posts lying around the site that are of sufficient length and quantity to be utilized. Barbed wire, which is readily available to Civil Engineering, will provide an excellent fencing material. A locked gate should be provided to allow site access for Environmental Health personnel to monitor the site. A metal sign, two-feet square, should be constructed adjacent to the slab and marked with appropriate caution for radioactive materials (see Attachment 2). Attachment 3 is a sketch of the above proposed changes.

5. This is a repeat discrepancy from Environmental Health Report entitled "Radioactive Waste Disposal Area on Holloman Air Force Base" dated 6 February 1976.

6. Should you have further questions concerning the above, please call Captain Forrest Sprester, Bioenvironmental Engineer, at extension 7461.

FOR THE COMMANDER

FORREST R. SPRESTER, Capt, USAF, BSC
Chief, Environmental Health Service

3 Atchs:
1. Location Map
2. Caution Sign
3. Proposed Changes

Cys To: JA
SEG

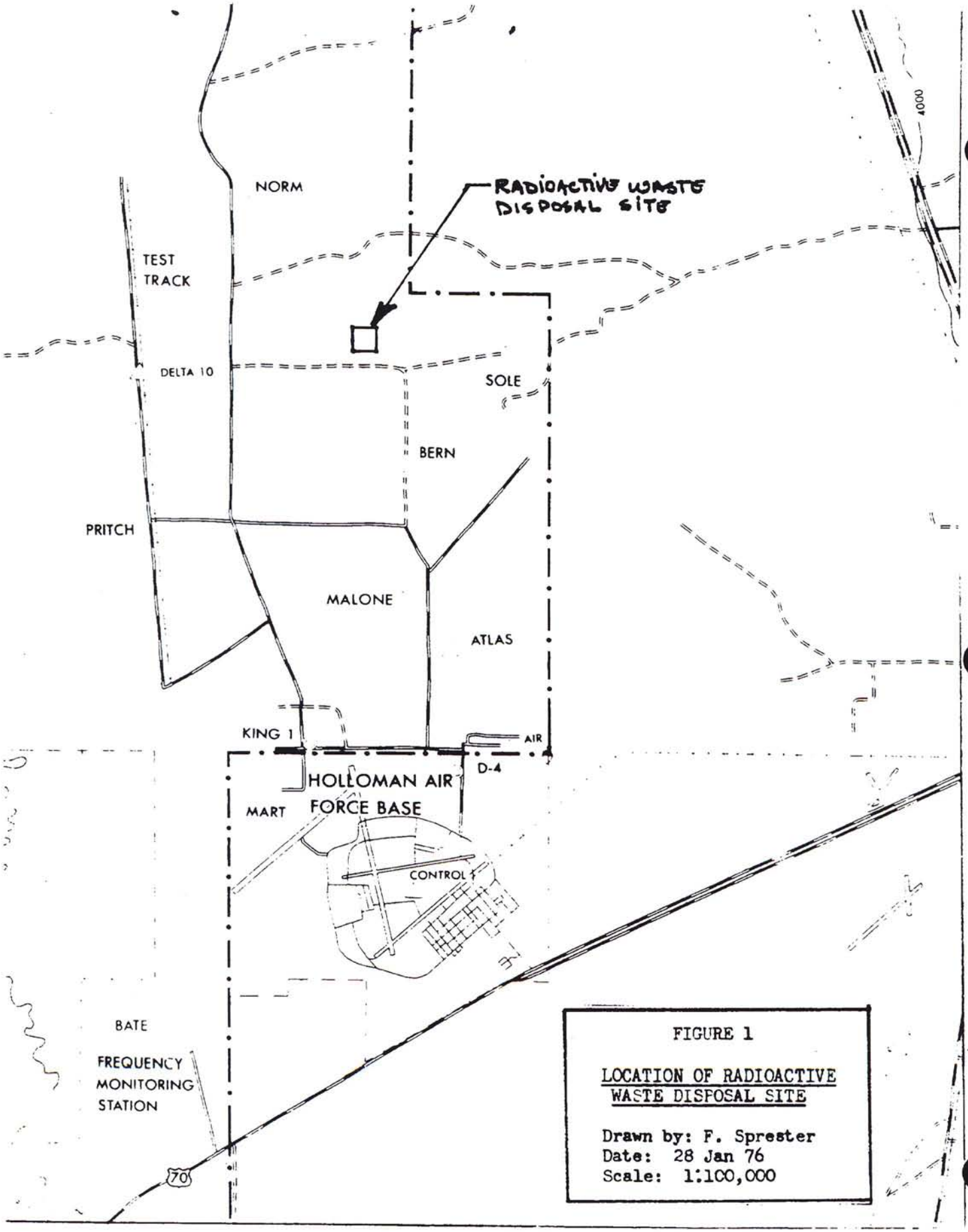


FIGURE 1

LOCATION OF RADIOACTIVE WASTE DISPOSAL SITE

Drawn by: F. Sprester
Date: 28 Jan 76
Scale: 1:100,000

SGPM

6 February 1976

Radioactive Waste Disposal Area on Holloman Air Force Base

49 CSG/CC
DE
IN TURN

1. A field survey was conducted on 16 January 1976 by Capt Forrest Sprester, Bioenvironmental Engineer, and TSgt Robert Boudreaux, Environmental Health Technician, of the the radioactive waste disposal area located in the north area of Holloman Air Force Base (see Figure 1). The survey was conducted to determine if the physical condition of the site had changed since last surveyed in 1973.

2. The condition of the site was found to be very poor. The fence, 800 feet in length, has been completely disassembled and removed from the site. Fence posts, 4 inch by 4 inch by 6 feet, have been pulled out and stacked at various locations. The four radioactive waste disposal caution signs are presently standing up to 200 feet away from the concrete slab which covers the rarioactive waste. A small faded sign, adjacent to the concrete slab is the only indication that radioactive waste is contained beneath the concrete. The concrete slab has numerous cracks. Using radiac equipment, AN/PDR 27, gamma radiation was measured at the cracks of .05 milliroentgens per hour. This can be interpreted as background radiation but will be monitored by Environmental Health at least yearly to insure no further increases occur. Photographs were taken of the site and are attached to this report.

3. It is recommended that the site be properly restored in accordance with TAC/SGS letter dated 5 August 1974, entitled Radioactive Waste Disposal Sites. At the present time the Air Force does not permit burial of radioactive waste as a means of disposal. But, maintenance of past disposal sites must be continued, not only for environmental reasons, but for obvious health reasons as well.

4. According to Mr Chris Gallegos, former Holloman AFB Planning Engineer, this burial site was selected for several reasons. They were: Its secluded location, the site was not in use at the time and the existence of a high fence precluded a large expenditure for construction. Since the fence no longer exists and the area appears to be favored for motor bikes, action should be taken to again secure the site. The caution signs are in excellent condition and need only to be moved to an adequate distance from the disposal area. The wooden posts that are stacked on

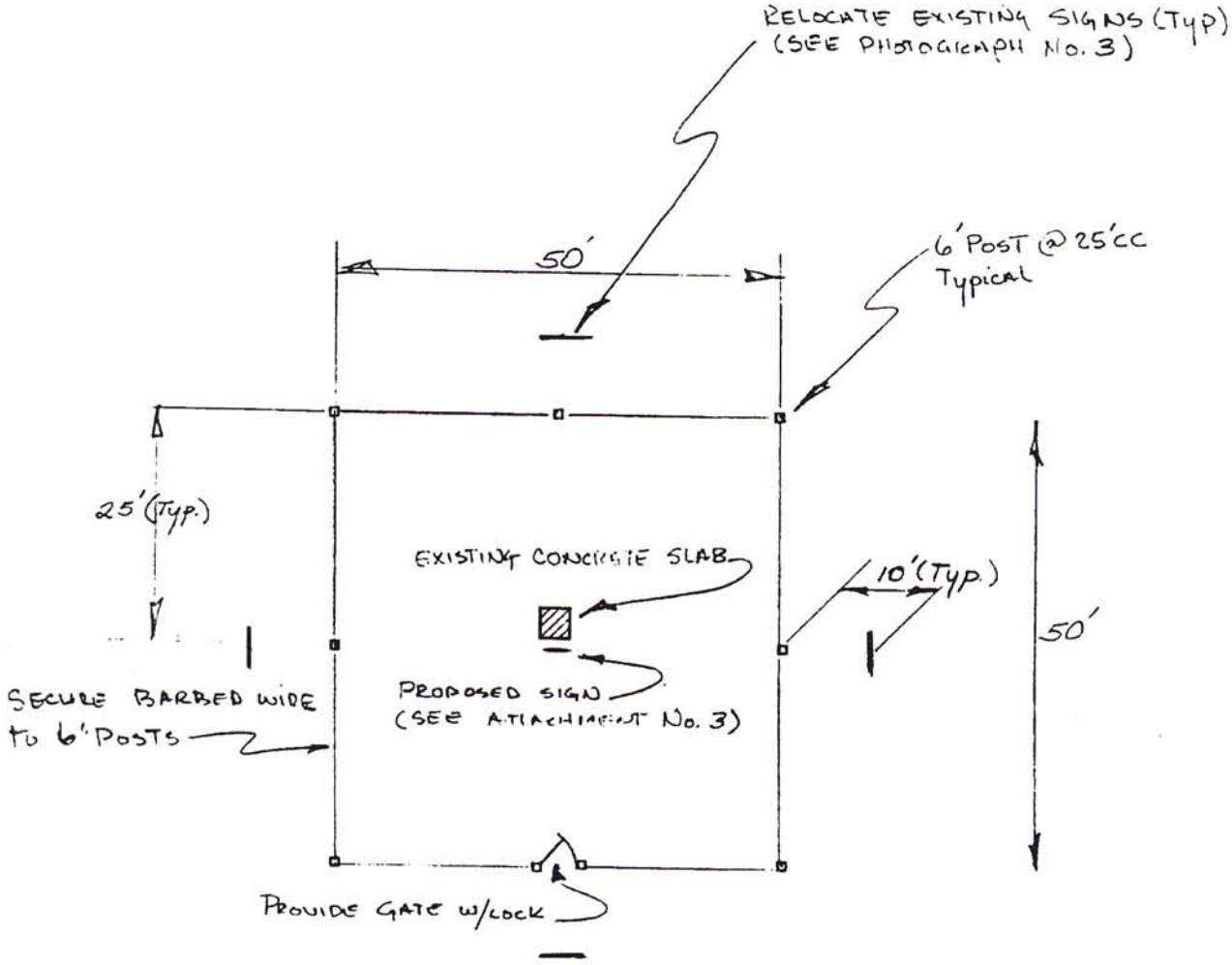
the site can still be utilized, leaving only fence material to be secured and placed.

5. Barbed wire which is readily available would provide an excellent barrier. A small locked gate should be provided to allow entry for Environmental Health personnel to periodically monitor the site. A steel sign two feet square should be constructed adjacent to the slab marked with the appropriate caution for nuclear materials, Attachment #3. Attached Figure 4 is a sketch of the above proposed changes.

6. Should you have further questions concerning the above, please feel free to call Capt Forrest R. Sprester, Bioenvironmental Engineer, at 7461.

W. M. RUNKLE, LtCol, USAF, MC
Commander

1 Atch
Study of the Radioactive Waste
Disposal Site



ATTACHMENT 3.

RADIOACTIVE WASTE DISPOSAL AREA
PROPOSED CHANGES

Drawn by: F Sprester
Date: 14 Jan 76
Scale: 1"=20'

APPENDIX B

SOIL BORING LOGS AND MONITORING WELL CONSTRUCTION DIAGRAMS

Appendix B-1

OT-32 ACM Soil Boring Logs & Monitoring Well Construction Diagrams

HTW DRILLING LOG

HOLE NO. OT32 SB01 / TMW01

SHEET 1 OF 1 SHEETS 2

1. COMPANY NAME: Bhate Associates, Inc.	2. DRILLING CONTRACTOR: WDC
3. PROJECT: HAFB - 2nd Shift ACM July 2007	4. LOCATION: OT-32 / OT-37 / RW-42
5. NAME OF DRILLER: D. Raymond	6. MANUFACTURER'S DESIGNATION OF DRILL: CME 85
7. SIZES & TYPES OF DRILLING & SAMPLING EQUIPMENT: HSA: 8 1/4" OD	8. HOLE LOCATION: West side of pretreate tanks; North: ; East:
	9. SURFACE ELEVATION (ft. NGVD):
	10. DATE STARTED: 7/23/07 — 11. DATE COMPLETED: 7/23/07
12. OVERBURDEN THICKNESS: N/A	15. DEPTH GROUNDWATER ENCOUNTERED: 30'
13. DEPTH DRILLED INTO ROCK: N/A	16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED: N/A
14. TOTAL DEPTH OF HOLE: 34.2' bgs	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY): N/A

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
None	—	—	—

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE REC %
TPS	X	X	SVOC, PCB	GRO/ORO/DRO	perchlorate	

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
		X		B. Val.

ELEV a	DEPTH b	DESCRIPTION OF MATERIALS c	Field Screening Results d	Geotech Sample or Core Box No. e	Analytical Sample No. f	Blow Counts g	REMARKS h
	0	light gray loose dry silty sand, v.f.g.					
	1		OVA: 0.0				
	2	darker gray					
	3	white					
	4						
	5						

PROJECT: HAFB - 2nd Shift ACM July 2007

HOLE NO. OT32 SB01 / TMW01

HTW DRILLING LOG

HOLE NO. SB01 / TMW01

PROJECT: HAFB 2nd Shift ACM July 2007 — OT-32 / OT-37 / RW-42

INSPECTOR: B. Wl.

SHEET 2 OF 2 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	Field Screening Results d	Geotech Sample or Core Box No. e	Analytical Sample No. f	Blow Counts g	REMARKS h
		same, light gray					
			OVA: 11.8				
	10	same					
			OVA: 19.4		OT32-SB01-15 @ 1200		
	15	clayey, dark brown					
		dark brown clayey silty sand, v.f.s					
		gypsum	OVA: 21.1				
	20	same, w/ gypsum mottling					
		hard, dense					
			OVA: 19.1		OT32-SB01-25 @ 1215		
	25	white silty sand w/ gypsum crystals					
		slightly damp					
		damp	OVA: 6.2				
	30	light gray, wet					
		Terminate @ 34.2' bgs					
	35						
	40						
	45						
	50						

HTW DRILLING LOG

HOLE NO. OT32 SB02 / TMW102

SHEET 1 OF 2 SHEETS

1. COMPANY NAME: Bhate Associates, Inc.	2. DRILLING CONTRACTOR: WDC
3. PROJECT: HAFB - 2nd Shift ACM July 2007	4. LOCATION: OT-32 / OT-37 / RW-42
5. NAME OF DRILLER: D. Raymond	6. MANUFACTURER'S DESIGNATION OF DRILL
7. SIZES & TYPES OF DRILLING & SAMPLING EQUIPMENT: HSA: 8 1/4" OD	8. HOLE LOCATION North East: Along east west sewer branch to private labs
	9. SURFACE ELEVATION (ft. NGVD)
	10. DATE STARTED: 7/23/07 — 11. DATE COMPLETED: 7/23/07
12. OVERBURDEN THICKNESS: N/A	15. DEPTH GROUNDWATER ENCOUNTERED: 27' bgs
13. DEPTH DRILLED INTO ROCK: N/A	16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED: N/A
14. TOTAL DEPTH OF HOLE: 33.8	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY): N/A

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
None	—	—	—

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE REC %
	X	X	020/030/070	SVOC	TRPH	—

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
		X		B.N.

ELEV a	DEPTH b	DESCRIPTION OF MATERIALS c	Field Screening Results d	Geotech Sample or Core Box No. e	Analytical Sample No. f	Blow Counts g	REMARKS h
	0	light gray, dry loose silty sand, v.f.g.					
	1						
	2		OVA: 24.6				
	3						
	4	white					
	5						

PROJECT: HAFB - 2nd Shift ACM July 2007

HOLE NO. OT32 SB02 / TMW102

HTW DRILLING LOG

HOLE NO: OT32 SB02 / TMW02

PROJECT: HAFB 2nd Shift ACM July 2007 — OT-32 / OT-37 / RW-42

INSPECTOR: B.W

SHEET OF 2 SHEETS: 2

ELEV a	DEPTH b	DESCRIPTION OF MATERIALS c	Field Screening Results d	Geotech Sample or Core Box No. e	Analytical Sample No. f	Blow Counts g	REMARKS h
		Same					
		brown, clayey	OVA: 31.1 lodium = bkgd		OT32 SB02 10 @ 1045		
	10	Same dark brown, ~~hard~~ stiff clayey silt, sand w/ gypsum crystals / gypsum mottling	OVA: 26.4 lodium = bkgd				
	15	Same	OVA: 26.0 lodium = bkgd				
	20	light brown w/ gypsum dark brown, some					
		~~damp~~ slightly damp	OVA: 20.5 lodium = bkgd		OT32 SB02 25 25 ms 25 msd @ 1100		
	25	damp dark brown, damp, clayey					
		wet, light gray / light brown ~~silt~~ silt / sand ~~lot~~	OVA: 14.3 lodium = bkgd				
	30	Same, saturated	lodium = bkgd				
		Terminate @ 33.8 bgs					
	35						
	40						
	45						
	50						

HTW DRILLING LOG

HOLE NO. OT32 SB03 / TMW03

SHEET 1 OF 2 SHEETS

1. COMPANY NAME: Bhate Associates, Inc.	2. DRILLING CONTRACTOR: WDC
3. PROJECT: HAFB - 2nd Shift ACM July 2007	4. LOCATION: OT-32 / OT-37 / RW-42
5. NAME OF DRILLER: D. Raymond	6. MANUFACTURER'S DESIGNATION OF DRILL: CME 85
7. SIZES & TYPES OF DRILLING & SAMPLING EQUIPMENT: HSA: 8 1/4" OD	8. HOLE LOCATION along E-W sewer branch to Fremont Labs; North: ; East:
	9. SURFACE ELEVATION (ft. NGVD):
	10. DATE STARTED: 7/23/07
	11. DATE COMPLETED: 7/27/07
12. OVERBURDEN THICKNESS: N/A	15. DEPTH GROUNDWATER ENCOUNTERED: 26' bgs
13. DEPTH DRILLED INTO ROCK: N/A	16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED: N/A
14. TOTAL DEPTH OF HOLE: 34' bgs	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY): N/A

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
yes	—	X	1

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE REC %
yes	X	X	D20/G20/D20	SVOC	Tritium	

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
		X		BW.

ELEV a	DEPTH b	DESCRIPTION OF MATERIALS c	Field Screening Results d	Geotech Sample or Core Box No. e	Analytical Sample No. f	Blow Counts g	REMARKS h
	0	light gray dry loose silty sand, v.f.g pale white w/tan mottling, little clay	OVA: 30.5 Iodium: = bkgd				
	1						
	2						
	3						
	4						
	5						

PROJECT: HAFB - 2nd Shift ACM July 2007

HOLE NO. OT32 SB03 / TMW03

D20/G20 1L H_2SO_4
G20 40ml HCL

HTW DRILLING LOG

HOLE NO: OT32 SB03 / TMW03

PROJECT: HAFB 2nd Shift ACM July 2007 — OT-32 / OT-37 / RW-42

INSPECTOR: Bul

SHEET OF 2 SHEETS: 2

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	Field Screening Results d	Geotech Sample or Core Box No. e	Analytical Sample No. f	Blow Counts g	REMARKS h
		Same	OVA: 32.7 Indlow: = bkgd				
		white		OT32-SB03-10.5' @ 0800	OT32-SB03-10.5' @ 0800		
	10	more clay, gypsum crystals, dense, tan mottling	OVA: 33.5 Indlow: = bkgd		OT32-SB03-15 @ 0830		
	15	Same					
		dark brown	OVA: 32.7 Indlow: = bkgd				
	20	Same					
		white slightly damp	OVA: 31.7 Indlow: = bkgd		OT32-SB03-25' 0900		
	25	damp, tan mottling dark gray silty sand, wet					
			OVA: 31.0 Indlow: = bkgd				
		clayey saturated, same					
	30	wet, same					
		Terminated @ 34.0 bgs					
	35						
	40						
	45						
	50						

HTW DRILLING LOG

HOLE NO. SB04 / TMW04

SHEET 1 OF 2 SHEETS

1. COMPANY NAME: Bhate Associates, Inc.	2. DRILLING CONTRACTOR: WDC
3. PROJECT: HAFB - 2nd Shift ACM July 2007	4. LOCATION: OT-32 / OT-37 / RW-42
5. NAME OF DRILLER: D. Raymond	6. MANUFACTURER'S DESIGNATION OF DRILL: CME 85
7. SIZES & TYPES OF DRILLING & SAMPLING EQUIPMENT: HSA: 8 1/4 OD	8. HOLE LOCATION: North East — Near branch / trunk line tee of sanitary sewer, near lift station
	9. SURFACE ELEVATION (ft. NGVD)
	10. DATE STARTED: 7/20/07 — 11. DATE COMPLETED: 7/21/07
12. OVERBURDEN THICKNESS: N/A	15. DEPTH GROUNDWATER ENCOUNTERED: 28' bgs
13. DEPTH DRILLED INTO ROCK: N/A	16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED: N/A
14. TOTAL DEPTH OF HOLE: 33.8' bgs	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY): N/A

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
NONE	—	—	—

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE REC %
YES	X	X	6720/0320/1920	SVOC	TPH-DRO	

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
		X		B.W.

ELEV a	DEPTH b	DESCRIPTION OF MATERIALS c	Field Screening Results d	Geotech Sample or Core Box No. e	Analytical Sample No. f	Blow Counts g	REMARKS h
	0	dark gray, dry loose silty sand white					
	1						
	2		OVA: 17.2				
	3		Iodium = bkgd				
	4						
	5						

PROJECT: HAFB - 2nd Shift ACM July 2007

HOLE NO. OT32 SB04 / TMW04

HTW DRILLING LOG

HOLE NO: SB04 / TMW104

PROJECT: HAFB - 2nd Shift ACM July 2007

INSPECTOR: B.W.

SHEET ~~1~~ OF 2 SHEETS 2

ELEV a	DEPTH b	DESCRIPTION OF MATERIALS c	Field Screening Results d	Geotech Sample or Core Box No. e	Analytical Sample No. f	Blow Counts g	REMARKS h
	5	Same	OVA: ~~17.7~~ 18.7				
		light gray dense, clayey	Iodium: = blkgd				
	10	alternating light gray and white	OVA: ~~18.9~~ 20.3	~~OT32-SB04-15 @ 1400~~	OT32-SB04-15 @ 1400		
			Iodium: = blkgd				
	15	clayey, same					
		dark brown layer 16-17'	OVA: 21.6				
		dark brown mottling	Iodium: = blkgd				
	20	dry loose white silty sand					
		slightly damp, clayey	OVA: 20.4		OT32-SB04-25 @ 1415		
		damp tan-orange mottling	Iodium: = blkgd				
	25	wet — suspend on 7/20/07 resume on 7/21/07			OT32 SB04 - 25a @ 1415		
		light brown silty clay & sand, v.f.g. damp, saturated at ~~27~~ 27' bgs					
	30	same. wet - saturated					
		Terminate @ 33.8' bgs					
	35						
	40						
	45						
	50						

HTW DRILLING LOG

HOLE NO. SB05 / TMW05

SHEET 1 OF 2 SHEETS

1. COMPANY NAME: Bhate Associates, Inc.	2. DRILLING CONTRACTOR: WDC
3. PROJECT: HAFB - 2nd Shift ACM July 2007	4. LOCATION: OT-32 / OT-37 / RW-42
5. NAME OF DRILLER: D. Raymond	6. MANUFACTURER'S DESIGNATION OF DRILL: CME 85
7. SIZES & TYPES OF DRILLING & SAMPLING EQUIPMENT: HSA: 8 1/4" OD	8. HOLE LOCATION North East: North End of Sewer trunk line, near lift station
	9. SURFACE ELEVATION (ft. NGVD)
	10. DATE STARTED: 7/20/07 — 11. DATE COMPLETED: 7/20/07
12. OVERBURDEN THICKNESS: N/A	15. DEPTH GROUNDWATER ENCOUNTERED: 25' bgs
13. DEPTH DRILLED INTO ROCK: N/A	16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED: N/A
14. TOTAL DEPTH OF HOLE: 34' bgs	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY): N/A

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
None	—	—	

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE REC %
yes	X	X	6020/020/DRO	SVOC	Tritium	

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
		X		B. Nolf

ELEV a	DEPTH b	DESCRIPTION OF MATERIALS c	Field Screening Results d	Geotech Sample or Core Box No. e	Analytical Sample No. f	Blow Counts g	REMARKS h
	0	dry, loose light gray silty sand, v.f.g.					
	1						
			DVA:				
	2		Indicates: = bkgd				
	3						
	4	pale white					
	5						

PROJECT: HAFB - 2nd Shift ACM July 2007

HOLE NO. OT32 SB05 / TMW05

HTW DRILLING LOG

HOLE NO: SB05 / TMW05

SHEET OF 2 SHEETS 2

PROJECT: HAFB - 2nd Shift ACM July 2007

INSPECTOR: BW

ELEV a	DEPTH b	DESCRIPTION OF MATERIALS c	Field Screening Results d	Geotech Sample or Core Box No. e	Analytical Sample No. f	Blow Counts g	REMARKS h
	5	Same		OVA: 9.4 ppm Indium: = bkgd			
	10	Same		OVA: 8.7 ppm Indium: = bkgd			
	15	clean clay white silty sand light gray clayey w/ gypsum crystals		OVA: 10.4 ppm Indium: = bkgd	OT32-SB05-15 @ 11:45		
	20	white silty sand, vfg slightly damp more damp		OVA: 10.8 ppm Indium: = bkgd			
	25	damp / wet, ~~dark brn~~ brn clayey silty sand wet		OVA: 11 ppm Indium: = bkgd	OT32-SB05-25 @ 1200		
	30	dark brn, more clay, wet gray		OVA: No sample - wet Indium: = bkgd			
		dark brn, gypsum crystals Terminate @ 34' bgs					
	35						
	40						
	45						
	50						

PROJECT: HAFB - 2nd Shift ACM July 2007

HOLE NO: OT32 SB05 / TMW05

HTW DRILLING LOG

HOLE NO. SB06 / TMW06

SHEET 1 OF 1 SHEETS 2

1. COMPANY NAME: Bhate Associates, Inc.	2. DRILLING CONTRACTOR: WDC
3. PROJECT: HAFB - 2nd Shift ACM July 2007	4. LOCATION: OT-32 / OT-37 / RW-42
5. NAME OF DRILLER: D. Raymond	6. MANUFACTURER'S DESIGNATION OF DRILL: CME 85
7. SIZES & TYPES OF DRILLING & SAMPLING EQUIPMENT: HSA: 8 1/4" OD	8. HOLE LOCATION: Along N-S sewer trunk line; North: ; East:
	9. SURFACE ELEVATION (ft. NGVD):
	10. DATE STARTED: 7/20/7
	11. DATE COMPLETED: 7/20/7
12. OVERBURDEN THICKNESS: N/A	15. DEPTH GROUNDWATER ENCOUNTERED: 27' bgs
13. DEPTH DRILLED INTO ROCK: N/A	16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED: N/A
14. TOTAL DEPTH OF HOLE: 33' bgs	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY): N/A

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
None	—	—	—

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE REC %
1/+5	X	X	6720/8270/D720	SVOC	Tritium	

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
		X		B. Nal.

ELEV a	DEPTH b	DESCRIPTION OF MATERIALS c	Field Screening Results d	Geotech Sample or Core Box No. e	Analytical Sample No. f	Blow Counts g	REMARKS h
	0	light gray clay loose silty sand, v.f.g. some angular/sub angular gravel near surface	OVA: 7.7				
	1						
	2						
	3						
	4						
	5						

PROJECT: HAFB - 2nd Shift ACM July 2007

HOLE NO. OT32 SB06 / TMW06

HTW DRILLING LOG

HOLE NO: SB06 / TMW06

SHEET OF 2 SHEETS 2

PROJECT: HAFB - 2nd Shift ACM July 2007

INSPECTOR: B.N.

ELEV a	DEPTH b	DESCRIPTION OF MATERIALS c	Field Screening Results d	Geotech Sample or Core Box No. e	Analytical Sample No. f	Blow Counts g	REMARKS h
	0	Same	OVA: 9.8 Ludlum: = bkgd				
	10	Same clayey, dark brown	OVA: 5.4 Ludlum: = bkgd		OT32-SB06-15' @ 1100		
	15	Alternating dark brown and gray silt/sand v.f.g. clayey in middle	OVA: 5.0 Ludlum: = bkgd				
	20	dry white silty sand, v.f.g. slightly damp	OVA: 12.4 Ludlum: = bkgd		OT32-SB06-20', -20a @ 1015		
	25	damp/moist, orange layering brown clayey silt/sand, very moist silty, clayey sand, v.f.g. brown/wet. gypsum crystals	OVA: 12.5 Ludlum: = bkgd				
	30	Same	OVA: No sample - wet Ludlum: = bkgd				
		Terminated @ 33' bgs					
	35						
	40						
	45						
	50						

PROJECT: HAFB - 2nd Shift ACM July 2007

HOLE NO: OT32 SB06 / TMW06

HTW DRILLING LOG

HOLE NO. SB07 / TMW07

SHEET 1 OF 1 SHEETS 2

1. COMPANY NAME: Bhate Associates, Inc.	2. DRILLING CONTRACTOR: WDC
3. PROJECT: HAFB - 2nd Shift ACM July 2007	4. LOCATION: OT-32 / OT-37 / RW-42
5. NAME OF DRILLER: D. Raymond	6. MANUFACTURER'S DESIGNATION OF DRILL: CME 85
7. SIZES & TYPES OF DRILLING & SAMPLING EQUIPMENT: HSA: 8 1/4" OD	8. HOLE LOCATION: North / East: along N-S sewer trunk line
	9. SURFACE ELEVATION (ft. NGVD):
	10. DATE STARTED: 7/19/07 — 11. DATE COMPLETED: 7/19/07
12. OVERBURDEN THICKNESS: N/A	15. DEPTH GROUNDWATER ENCOUNTERED: 25' bgs
13. DEPTH DRILLED INTO ROCK: N/A	16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED: N/A
14. TOTAL DEPTH OF HOLE: 34.1' bgs	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY): N/A

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
NONE	—	—	—

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE REC %
1+3	X	X	020/030/020	SVOC	TRITIUM	

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
		X		D.W.

ELEV a	DEPTH b	DESCRIPTION OF MATERIALS c	Field Screening Results d	Geotech Sample or Core Box No. e	Analytical Sample No. f	Blow Counts g	REMARKS h
	0	dry loose ~~wlg~~ white sand, vf-f g					
	1		OVA: 6.9				
	2		wellhead = bkgd				
	3						
	4	orange mottling					
	5						

PROJECT: HAFB - 2nd Shift ACM July 2007

HOLE NO. SB07 / TMW07

HTW DRILLING LOG

HOLE NO. 5307 / TMW107

SHEET 2 OF 2 SHEETS

PROJECT: HAFB - 2nd Shift ACM July 2007

INSPECTOR: BW

ELEV a	DEPTH b	DESCRIPTION OF MATERIALS c	Field Screening Results d	Geotech Sample or Core Box No. e	Analytical Sample No. f	Blow Counts g	REMARKS h
		light gray dry loose silty sand	OVA: 15.0 lullum: = bkgd	~~OT32~~	OT32 5307-10 @ 1515		
	10	same					
		dark brown clayey silty sand w/ very small gypsum crystals	OVA: 11.7 lullum: = bkgd				
	15	loosely dry light brown silty sand w/ some clay	OVA: 11.8 lullum: = bkgd				
	20	gypsum layering, pink white white v.f.g. silty sand	OVA: 11.5 lullum: = bkgd		OT32 5307-25		
	25	clamp light gray / light brown silty clayey sand wet from 25'	OVA: 11.5 lullum: = bkgd		-25 MS -25 MSD @ 1530		
	30	saturated light brown silt sand, some med gravel	OVA: No sample - wet lullum: = bkgd				
		dark brown silty clayey sand dense, wet Terminated @ 34' bgs					
	35						
	40						
	45						
	50						

PROJECT: HAFB - 2nd Shift ACM July 2007

HOLE NO. OT32 5307 / TMW107

HTW DRILLING LOG

HOLE NO: SB08 / TMW08

SHEET 1 OF 2 SHEETS

1. COMPANY NAME: Bhate Associates, Inc.	2. DRILLING CONTRACTOR: WDC
3. PROJECT: HAFB - 2nd Shift ACM July 2007	4. LOCATION: OT-32 / OT-37 / RW-42
5. NAME OF DRILLER: D. Raymond	6. MANUFACTURER'S DESIGNATION OF DRILL: CME 55
7. SIZES & TYPES OF DRILLING & SAMPLING EQUIPMENT: HSA: 8 1/4" OD	8. HOLE LOCATION: North East
	9. SURFACE ELEVATION (ft. NGVD)
	10. DATE STARTED: 7/19/7
	11. DATE COMPLETED: 7/19/7
12. OVERBURDEN THICKNESS: N/A	15. DEPTH GROUNDWATER ENCOUNTERED: 28' bgs
13. DEPTH DRILLED INTO ROCK: N/A	16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED: N/A
14. TOTAL DEPTH OF HOLE: 33.7' bgs	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY): N/A

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
yes		X	1

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE REC %
yes	X	X	070/080/090	SVOC	TPH10 —	

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
		X		B.M.

ELEV a	DEPTH b	DESCRIPTION OF MATERIALS c	Field Screening Results d	Geotech Sample or Core Box No. e	Analytical Sample No. f	Blow Counts g	REMARKS h
	0	dry loose white silty sand					
	1		OVA: 0.9				
	2		1 yellow = bkgd				
	3						
	4						
	5						

PROJECT: HAFB - 2nd Shift ACM July 2007

HOLE NO: OT32 SB08 / TMW08

HTW DRILLING LOG

HOLE NO. SB08 / TMW08

SHEET 2 OF 2 SHEETS

PROJECT: HAFB - 2nd Shift ACM July 2007

INSPECTOR: B. Ind.

ELEV a	DEPTH b	DESCRIPTION OF MATERIALS c	Field Screening Results d	Geotech Sample or Core Box No. e	Analytical Sample No. f	Blow Counts g	REMARKS h
	5	Same as above	OVA: 0.1 Iodium: = bkgd				
	10	Same as above	OVA: 0.3 Iodium: = bkgd	OT32-SB08 -15 7/19/07 1230			
	15	light brown clayey silty sand, v.f.g., gypsum layering, dry	OVA: 0.5 Iodium: = bkgd		OT32 SB08 -20 @ 1315		
	20	Same ~~dry @ 22'~~	OVA: 0.3 Iodium: = bkgd				
	25	Same, ~~moist~~ damp @ 26	OVA: 0.6 Iodium: = bkgd		OT32 SB08 -30 @ 1330		
	30	moist / very damp wet brown silt, clayey sand, v.f.g., little coarse sands, very small pebbles terminated 33.7 bgs	OVA: No significant Iodium: = bkgd				
	35						
	40						
	45						
	50						

PROJECT: HAFB - 2nd Shift ACM July 2007

HOLE NO. OT32 SB08 / TMW08

HTW DRILLING LOG

HOLE NO. SB09 - TMW09

SHEET 1 OF 2 SHEETS

1. COMPANY NAME: Bhate Associates, Inc.	2. DRILLING CONTRACTOR: WDC
3. PROJECT: HAFB - 2nd Shift ACM July 2007	4. LOCATION: OT-32 / OT-37 / RW-42
5. NAME OF DRILLER: D. Raymond	6. MANUFACTURER'S DESIGNATION OF DRILL: CME
7. SIZES & TYPES OF DRILLING & SAMPLING EQUIPMENT: HSA: 8 1/4" OD	8. HOLE LOCATION: Along N-S trunk line; North: ; East:
	9. SURFACE ELEVATION (ft. NGVD):
	10. DATE STARTED: 7/19/07
	11. DATE COMPLETED: 7/19/07
12. OVERBURDEN THICKNESS: N/A	15. DEPTH GROUNDWATER ENCOUNTERED: 30' bgs
13. DEPTH DRILLED INTO ROCK: N/A	16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED: N/A
14. TOTAL DEPTH OF HOLE: 34' bgs	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY): N/A

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
None	—	—	—

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE REC %
Yes	X	X	8270/8270/8270	SVOC	TRITIUM	

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
		X		Bill.

ELEV a	DEPTH b	DESCRIPTION OF MATERIALS c	Field Screening Results d	Geotech Sample or Core Box No. e	Analytical Sample No. f	Blow Counts g	REMARKS h
	0	light brown dry loose silt, sand, v.f.g.					
	1	white	OVA: 6.5; fullerene: = bkgd				
	2						
	3						
	4						
	5						

PROJECT: HAFB - 2nd Shift ACM July 2007

HOLE NO. OT32 SB05 / TMW09

HTW DRILLING LOG

HOLE NO: OT32 SB09

PROJECT: HAFB - 2nd Shift ACM July 2007

INSPECTOR: Bill

SHEET 2 OF 2 SHEETS

ELEV a	DEPTH b	DESCRIPTION OF MATERIALS c	Field Screening Results d	Geotech Sample or Core Box No. e	Analytical Sample No. f	Blow Counts g	REMARKS h
		dry loose, white silty sand, v.f.g. (SM)	OVA: 0.0 Ivllum: = bkgd				
	10	same	OVA: ~~3.4~~ 0.7 Ivllum: = bkgd		OT32 SB09-15' @ 1030		
		dark brn clayey silty sand v.f.g., w/gypsum layers, dense (SC)					
	15	dry loose, same as above	OVA: 1.3 Ivllum: = bkgd				
		much gypsum layering					
	20	same as above	OVA: 0.6 Ivllum: = bkgd		OT32 SB09-25' @ 1040		
	25	damp, same	OVA: 0.9 Ivllum: = bkgd				
		orange layering, clayey silt, sand, v.f.g. alternating sand/clayey layers					
	30	very damp/wet	NO sample - wet				
		light gray clayey, silty sand, wet, little clay (SM/SC)	Ivllum: = bkgd				
		Terminate @ 34' bgs					
	35						
	40						
	45						
	50						

Sand 31.9

1.06

PROJECT: HAFB - 2nd Shift ACM July 2007

HOLE NO: OT32 SB09

HTW DRILLING LOG

HOLE NO. SB10 / TMW10

SHEET 1 OF 2 SHEETS

1. COMPANY NAME: Bhate Associates, Inc.	2. DRILLING CONTRACTOR: WDC
3. PROJECT: HAFB - 2nd Shift ACM July 2007	4. LOCATION: OT-32 / OT-37 / RW-42
5. NAME OF DRILLER: D. Raymond	6. MANUFACTURER'S DESIGNATION OF DRILL: CME
7. SIZES & TYPES OF DRILLING & SAMPLING EQUIPMENT: HSA: 8 1/4" OD	8. HOLE LOCATION: West side of OT32 N-S fence Main SS; North East
	9. SURFACE ELEVATION (ft. NGVD)
	10. DATE STARTED: 7/19/07
	11. DATE COMPLETED: 7/19/07
12. OVERBURDEN THICKNESS: N/A	15. DEPTH GROUNDWATER ENCOUNTERED: ~25' bgs (top of capillary fringe)
13. DEPTH DRILLED INTO ROCK: N/A	16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED: N/A
14. TOTAL DEPTH OF HOLE: 33.5'	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY): N/A

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
None	—	—	—

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE REC %
Yes	X	X	GRO/DRO/DRO	SVOC	TPH-V	—

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
		X		B.W.

ELEV a	DEPTH b	DESCRIPTION OF MATERIALS c	Field Screening Results d	Geotech Sample or Core Box No. e	Analytical Sample No. f	Blow Counts g	REMARKS h
	0	light brown loose dry silty sand, v.f.g.					
	1		OVA: 1.6				
	2		hollow = bkgd				
	3						
	4	light gray					
	5						

PROJECT: HAFB - 2nd Shift ACM July 2007

HOLE NO. OT32 SB10 / TMW10

HTW DRILLING LOG

HOLE NO. SB10 / TMW110

SHEET OF 2 SHEETS 2

PROJECT: HAFB - 2nd Shift ACM July 2007

INSPECTOR: BW

ELEV a	DEPTH b	DESCRIPTION OF MATERIALS c	Field Screening Results d	Geotech Sample or Core Box No. e	Analytical Sample No. f	Blow Counts g	REMARKS h
	5	Sand	OVA: 2.8 Ivolum: = bkgd				
	10	some clay light brn w/orange mottling	OVA: 3.2 Ivolum: = bkgd		0732 SB10-15' @ 0910		
	15	gypsum layers, dense-lined clayey	OVA: 3.1 Ivolum: = bkgd				
		less clay, gypsum layering					
	20	dark brn	OVA: 3.4 Ivolum: = ~~bkgd~~ 0.5				
	25	clean white v.f.g. sand damp	OVA: 3.0 Ivolum: = bkgd		0732 SB10-25 @ 0920		
		silty sand, light brn					
	30	very moist, clayey, dark brn wet, light gray	OVA: 4.7 Ivolum: = bkgd				
		light gray, saturated fine grained sand terminate @ 33.5' bgs					
	35						
	40						
	45						
	50						

PROJECT: HAFB - 2nd Shift ACM July 2007

HOLE NO. 0732 SB10 / TMW110

HTW DRILLING LOG

HOLE NO: SB11 / TMW11

SHEET 2 OF 2 SHEETS

1. COMPANY NAME: Bhate Associates, Inc.	2. DRILLING CONTRACTOR: WDC
3. PROJECT: HAFB - 2nd Shift ACM July 2007	4. LOCATION: OT-32 / OT-37 / RW-42
5. NAME OF DRILLER: D. Raymond	6. MANUFACTURER'S DESIGNATION OF DRILL: CME
7. SIZES & TYPES OF DRILLING & SAMPLING EQUIPMENT: HSA: 8 1/4" OD	8. HOLE LOCATION: east side of SE ROW, southend; North East
	9. SURFACE ELEVATION (ft. NGVD)
	10. DATE STARTED: 7/18/07 — 11. DATE COMPLETED: 7/18/07
12. OVERBURDEN THICKNESS: N/A	15. DEPTH GROUNDWATER ENCOUNTERED: 27' bgs
13. DEPTH DRILLED INTO ROCK: N/A	16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED: N/A
14. TOTAL DEPTH OF HOLE: 33.5	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY): N/A

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
None	—	—	—

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE REC %
Yes	X	X	D70/670/D20	Tritium		

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
		X TMW11		Bill

ELEV a	DEPTH b	DESCRIPTION OF MATERIALS c	Field Screening Results d	Geotech Sample or Core Box No. e	Analytical Sample No. f	Blow Counts g	REMARKS h
	0	light gray loose dry silty sand w/ small-med sub angular to angular gravel					
	1						
			OVA: 1.8				
	2		Lodlow = background				
	3						
	4	white silty sand					
	5						

PROJECT: HAFB - 2nd Shift ACM July 2007

HOLE NO: OT32 SB11/TMW11

HTW DRILLING LOG

HOLE NO. TMW11

PROJECT: HAFB - 2nd Shift ACM July 2007

INSPECTOR: B.W

SHEET OF 2 SHEETS 2

ELEV a	DEPTH b	DESCRIPTION OF MATERIALS c	Field Screening Results d	Geotech Sample or Core Box No. e	Analytical Sample No. f	Blow Counts g	REMARKS h
		white dry loose silty sand very fine sand	OVA: 2.2				
		light gray w/ orange mottling no odor	lvl = background				
	10	light gray silty sand	OVA: 4.5				
		gypsum crystals	lvl = background		OT32 SB11-15' @ 1550		
	15	dark brown clayey					
		light gray silt sand v.f.g.	OVA: 5.6				
			lvl = background				
	20	dense, clayey dark brown	OVA: 7.4				
			OVA: 6.3 lvl = background				
		light gray w/ dark clayey mottling, damp			OT32 SB11-25' @ 1600		
	25		* odd dark staining 1" thick				
	* 26	very damp					
	* 27	wet, light gray silt sand	lvl = background				
	30	saturated					
		Terminated @ 33.5 bgs	lvl = background				
	35						
	40						
	45						
	50						

PROJECT: HAFB - 2nd Shift ACM July 2007

HOLE NO. OT32 SB11 / TMW11

1550

HTW DRILLING LOG

HOLE NO: SB12 / TMW12

SHEET 1 OF 2 SHEETS

1. COMPANY NAME: Bhate Associates, Inc.	2. DRILLING CONTRACTOR: WDC
3. PROJECT: HAFB - 2nd Shift ACM July 2007	4. LOCATION: OT-32 / OT-37 / RW-42
5. NAME OF DRILLER: D. Raymond	6. MANUFACTURER'S DESIGNATION OF DRILL: CME
7. SIZES & TYPES OF DRILLING & SAMPLING EQUIPMENT: HSA: 8 1/4" OD	8. HOLE LOCATION: South side of Service Road/Road; North: East
	9. SURFACE ELEVATION (ft. NGVD)
	10. DATE STARTED: 7/18/07
	11. DATE COMPLETED: 7/18/07
12. OVERBURDEN THICKNESS: N/A	15. DEPTH GROUNDWATER ENCOUNTERED: 23.24' bgs
13. DEPTH DRILLED INTO ROCK: N/A	16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED: N/A
14. TOTAL DEPTH OF HOLE: 33.5' bgs	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY): N/A

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
NONE	—	—	—

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE REC %
YES	X	X	8270/8082/8020	SVOC	TPH-D —	

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
		X		B.W.

ELEV a	DEPTH b	DESCRIPTION OF MATERIALS c	Field Screening Results d	Geotech Sample or Core Box No. e	Analytical Sample No. f	Blow Counts g	REMARKS h
	0	dry loose white silty sand; v.f.g.	Ludlum: 1.5 mR/hr (AVE.) (=background) OVA: 3.4				
	1						
	2						
	3						
	4						
	5						

PROJECT: HAFB - 2nd Shift ACM July 2007

HOLE NO: OT32 SB12

HTW DRILLING LOG

HOLE NO: SB12 / TMW12

PROJECT: HAFB - 2nd Shift ACM July 2007

INSPECTOR: B.W.

SHEET OF SHEETS

ELEV a	DEPTH b	DESCRIPTION OF MATERIALS c	Field Screening Results d	Geotech Sample or Core Box No. e	Analytical Sample No. f	Blow Counts g	REMARKS h
		Same	OVA:				
		little clay	3.5				
		hard/consolidated @	Ludlum:				
		bottom	= background				
	10						
		Same, light brown	OVA:		OT32		
		changing to dark brown	6.0		SB12		
		w/gypsum seams at bottom	Ludlum:		-15		
	15		= background		@ 1350		
		Same, light gray	OVA:				
			6.9				
			Ludlum:				
		gypsum seams at bottom	= background				
	20	gypsum seams	OVA:				
			5.2				
		loose, dry silt/sand	Ludlum:		OT32		
			= background		SB12		
		~~damp~~ damp	OVA:		-25		
	25	very damp/wet	3.5		@ 1415		
		dark brown silt/sand, v.f.g.	Ludlum:				
		small → large gypsum	= background				
		crystals some coarse sand	NO				
	30	~~wet @ 28~~	SAMPLE				
		coarse sand, dark brown	- wet				
		some silts, wet-saturated					
		v.f.g. silt, sand w/caliche mottling					
		terminate @ 33.5' bgs					
	35						
	40						
	45						
	50						

PROJECT: HAFB - 2nd Shift ACM July 2007

HOLE NO: OT32 SB12 / TMW12

1350

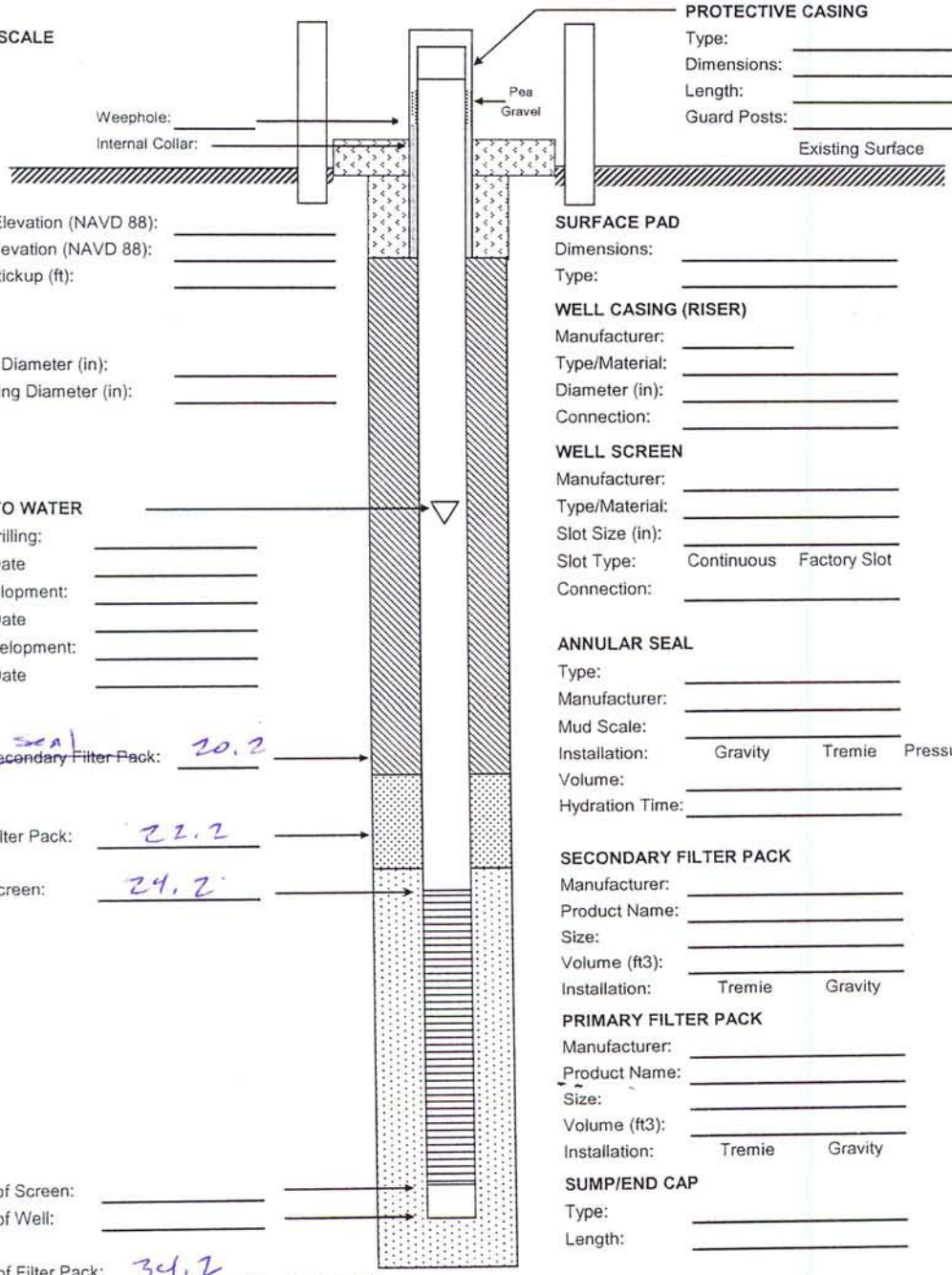
1415

BHATE
Environmental Engineers and Scientists

WELL CONSTRUCTION DIAGRAM (Abovegrade)

SITE:	OT32	WELL/BORING ID:	TMW01
PROJECT NAME:	HAFB-2nd Shift ACM July 2007	DRILLING METHOD:	~~HAS~~ HSA 8 1/4" OD
PROJECT NO./PHASE:	9040238 11.01	DATE(S):	7/23/07
DRILLING CONTRACTOR:	WDC	SURVEYOR:	
DRILLER:	D. Raymond	NORTHING (NAD 83):	
GEOLOGIST / ENGINEER:	Bidelift	EASTING (NAD 83):	

NOT TO SCALE



Weephole:
Internal Collar:

Surface Elevation (NAVD 88):
Casing Elevation (NAVD 88):
Casing Stickup (ft):

Borehole Diameter (in):
Well Casing Diameter (in):

DEPTH TO WATER
During Drilling:
Date
Pre Development:
Date
Post Development:
Date

Top of ~~Secondary Filter Pack~~ Seal: 20.2
Top of Filter Pack: 22.2
Top of Screen: 24.2

Bottom of Screen:
Bottom of Well:
Bottom of Filter Pack: 34.2
Borehole Depth: 34.2

PROTECTIVE CASING
Type:
Dimensions:
Length:
Guard Posts:

SURFACE PAD
Dimensions:
Type:

WELL CASING (RISER)
Manufacturer:
Type/Material:
Diameter (in):
Connection:

WELL SCREEN
Manufacturer:
Type/Material:
Slot Size (in):
Slot Type: Continuous Factory Slot
Connection:

ANNULAR SEAL
Type:
Manufacturer:
Mud Scale:
Installation: Gravity Tremie Pressure
Volume:
Hydration Time:

SECONDARY FILTER PACK
Manufacturer:
Product Name:
Size:
Volume (ft3):
Installation: Tremie Gravity

PRIMARY FILTER PACK
Manufacturer:
Product Name:
Size:
Volume (ft3):
Installation: Tremie Gravity

SUMP/END CAP
Type:
Length:

BACKFILL MATERIAL
Type:
Volume:

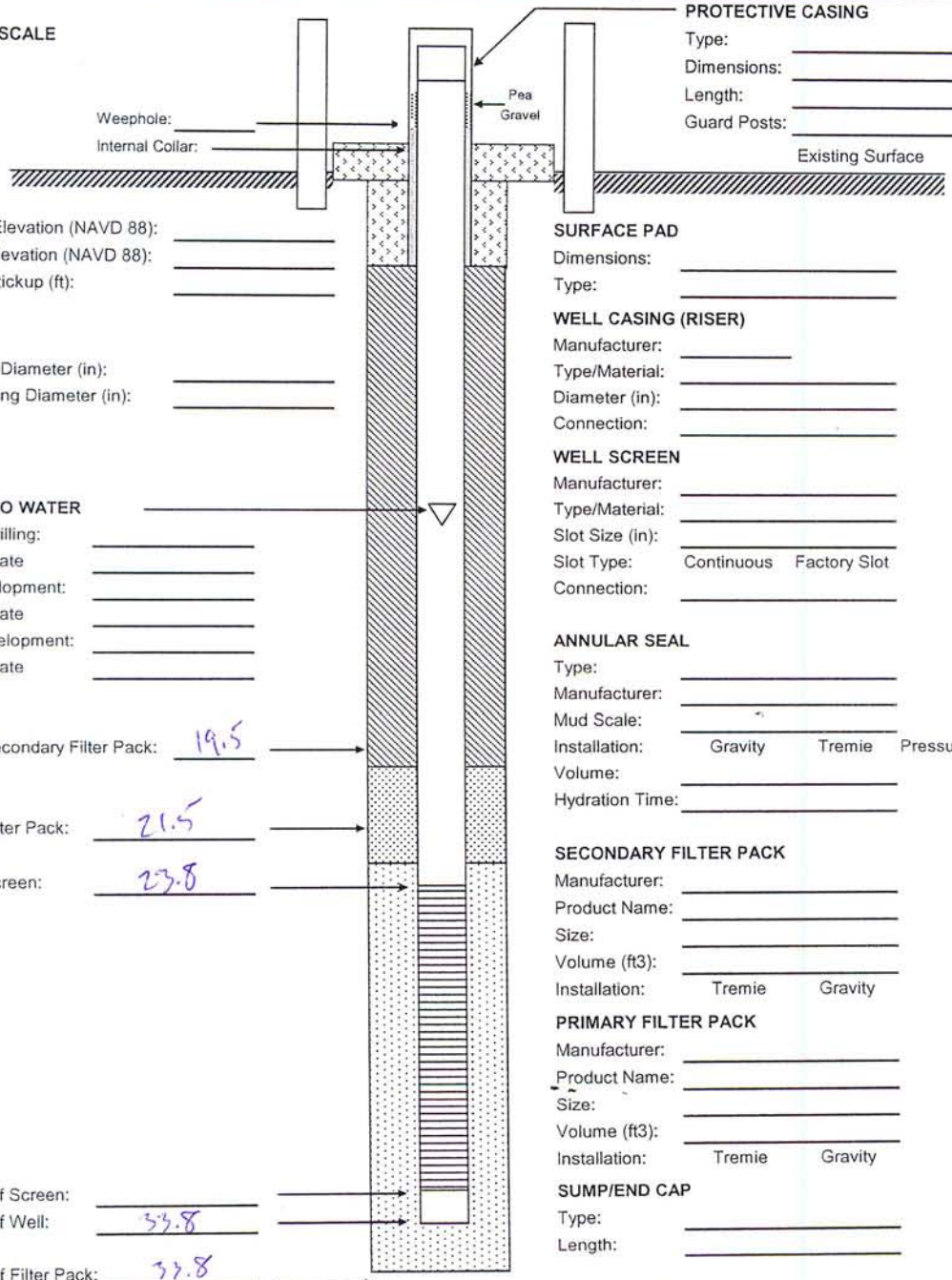
Comments:

BHATE
Environmental Engineers and Scientists

WELL CONSTRUCTION DIAGRAM (Abovegrade)

SITE:	ST32	WELL/BORING ID:	JBW102
PROJECT NAME:	HAFB-2nd Shift ACM July 2007	DRILLING METHOD:	HAS HSA 8 1/4" OD
PROJECT NO./PHASE:	9040238 11.01	DATE(S):	7/23/07
DRILLING CONTRACTOR:	WDC	SURVEYOR:	
DRILLER:	D. Raymond	NORTHING (NAD 83):	
GEOLOGIST / ENGINEER:	Bhate	EASTING (NAD 83):	

NOT TO SCALE



PROTECTIVE CASING
Type:
Dimensions:
Length:
Guard Posts:

Surface Elevation (NAVD 88):
Casing Elevation (NAVD 88):
Casing Stickup (ft):

Borehole Diameter (in):
Well Casing Diameter (in):

DEPTH TO WATER
During Drilling:
Date
Pre Development:
Date
Post Development:
Date

Top of Secondary Filter Pack: 19.5

Top of Filter Pack: 21.5

Top of Screen: 23.8

Bottom of Screen:
Bottom of Well: 33.8

Bottom of Filter Pack: 33.8

Borehole Depth: 33.8

SURFACE PAD
Dimensions:
Type:

WELL CASING (RISER)
Manufacturer:
Type/Material:
Diameter (in):
Connection:

WELL SCREEN
Manufacturer:
Type/Material:
Slot Size (in):
Slot Type: Continuous Factory Slot
Connection:

ANNULAR SEAL
Type:
Manufacturer:
Mud Scale:
Installation: Gravity Tremie Pressure
Volume:
Hydration Time:

SECONDARY FILTER PACK
Manufacturer:
Product Name:
Size:
Volume (ft3):
Installation: Tremie Gravity

PRIMARY FILTER PACK
Manufacturer:
Product Name:
Size:
Volume (ft3):
Installation: Tremie Gravity

SUMP/END CAP
Type:
Length:

BACKFILL MATERIAL
Type:
Volume:

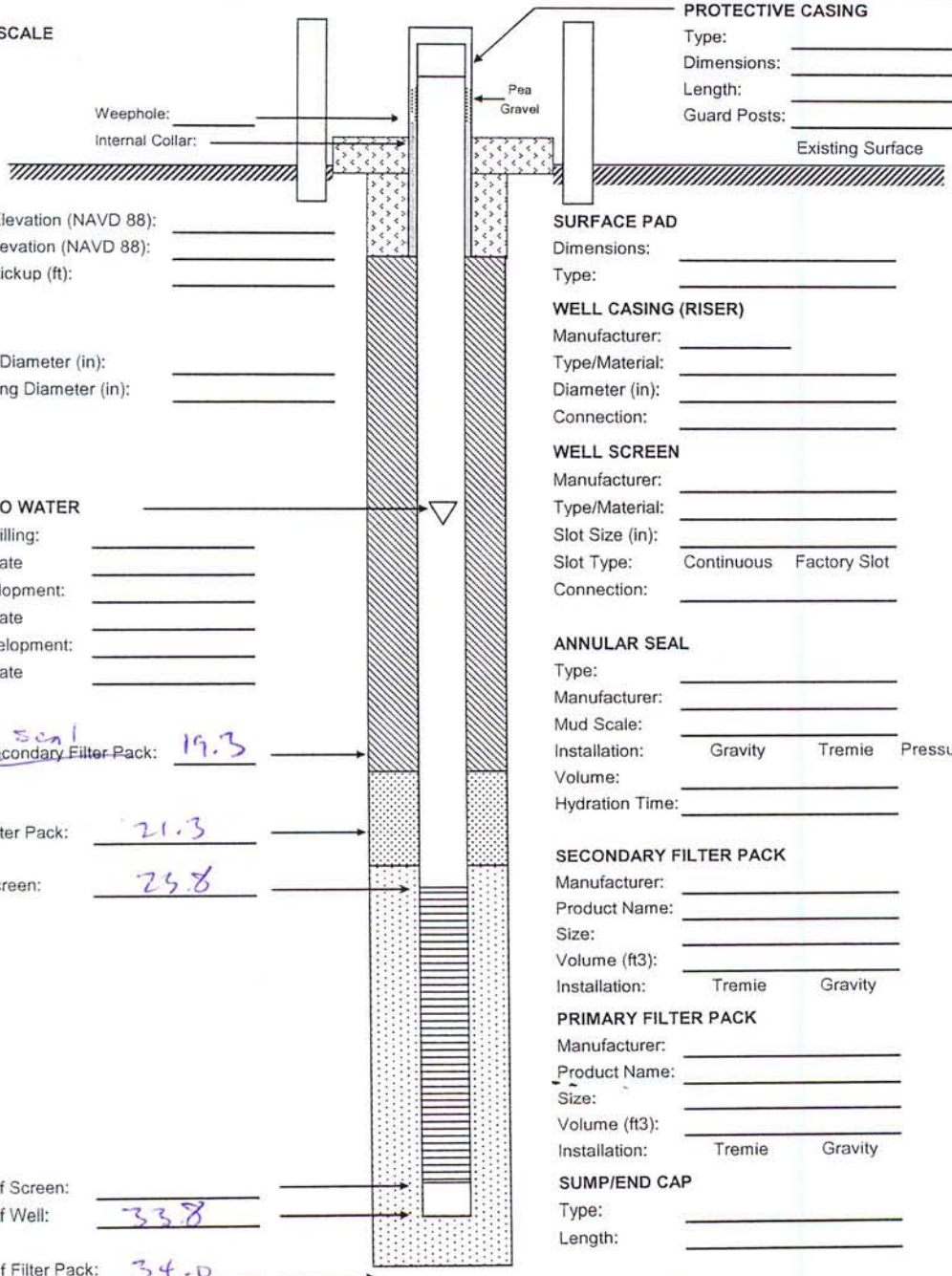
Comments:

BHATE
Environmental Engineers and Scientists

WELL CONSTRUCTION DIAGRAM (Abovegrade)

SITE:	OT 3-2	WELL/BORING ID:	TMW 0-3
PROJECT NAME:	HAFB-2nd Shift ACM July 2007	DRILLING METHOD:	~~HAS~~ HSA 8 1/4" OD
PROJECT NO./PHASE:	9040238 11.01	DATE(S):	7/23/07
DRILLING CONTRACTOR:	WDC	SURVEYOR:	
DRILLER:	D. Raymond	NORTHING (NAD 83):	
GEOLOGIST / ENGINEER:	B. Wolfe	EASTING (NAD 83):	

NOT TO SCALE



PROTECTIVE CASING
Type:
Dimensions:
Length:
Guard Posts:

Surface Elevation (NAVD 88):
Casing Elevation (NAVD 88):
Casing Stickup (ft):

Borehole Diameter (in):
Well Casing Diameter (in):

DEPTH TO WATER
During Drilling:
Date
Pre Development:
Date
Post Development:
Date

Top of ~~Secondary Filter Pack~~ Seal: 19.3

Top of Filter Pack: 21.3

Top of Screen: 23.8

Bottom of Screen:
Bottom of Well: 33.8

Bottom of Filter Pack: 34.0

Borehole Depth:

SURFACE PAD
Dimensions:
Type:

WELL CASING (RISER)
Manufacturer:
Type/Material:
Diameter (in):
Connection:

WELL SCREEN
Manufacturer:
Type/Material:
Slot Size (in):
Slot Type: Continuous Factory Slot
Connection:

ANNULAR SEAL
Type:
Manufacturer:
Mud Scale:
Installation: Gravity Tremie Pressure
Volume:
Hydration Time:

SECONDARY FILTER PACK
Manufacturer:
Product Name:
Size:
Volume (ft3):
Installation: Tremie Gravity

PRIMARY FILTER PACK
Manufacturer:
Product Name:
Size:
Volume (ft3):
Installation: Tremie Gravity

SUMP/END CAP
Type:
Length:

BACKFILL MATERIAL
Type:
Volume:

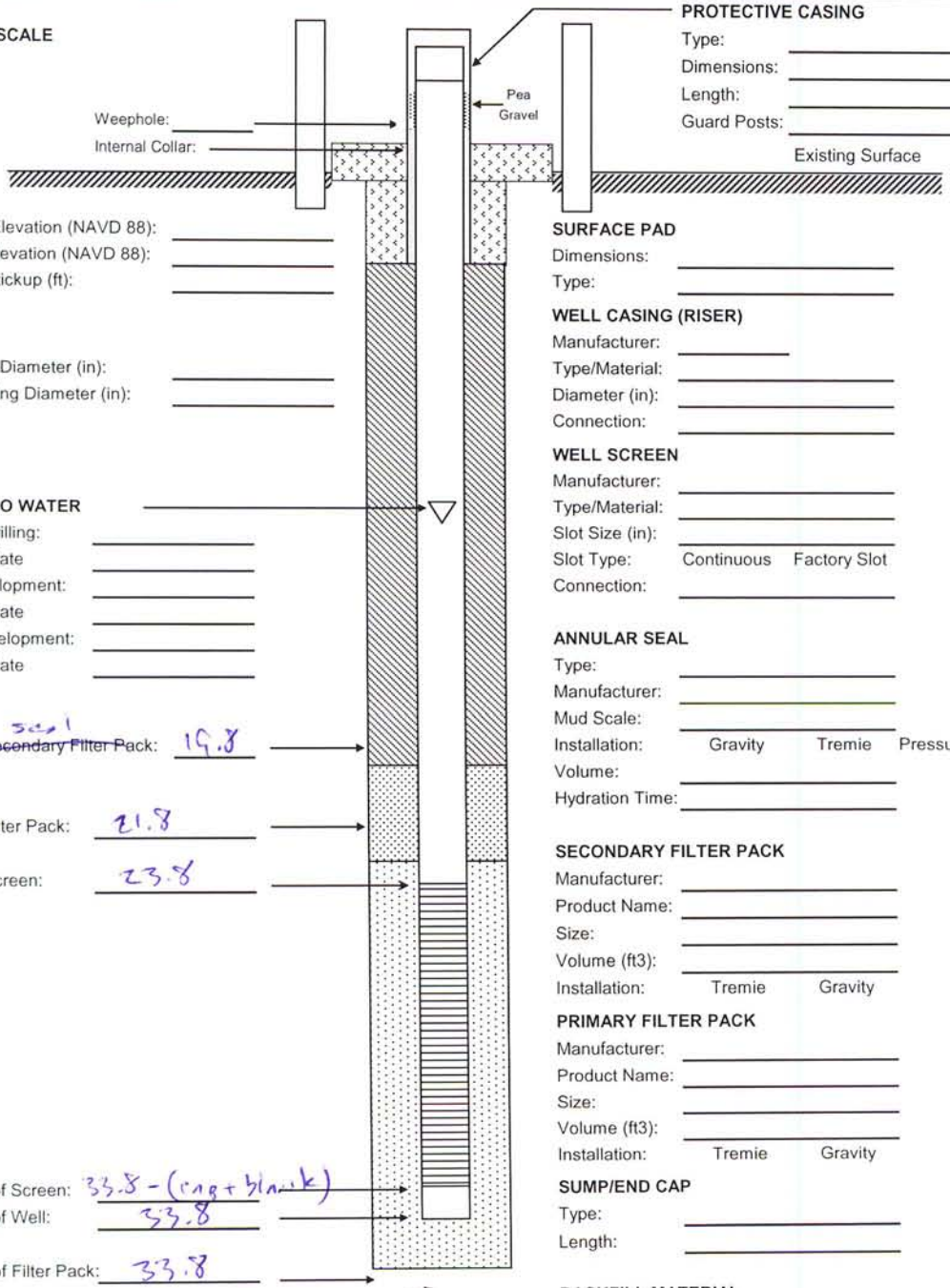
Comments:

BHATE
Environmental Engineers and Scientists

WELL CONSTRUCTION DIAGRAM (Abovegrade)

SITE:	OT32	WELL/BORING ID:	TMW04
PROJECT NAME:	HAFB-2nd Shift ACM July 2007	DRILLING METHOD:	~~HAS~~ HSA 8 1/4" OD
PROJECT NO./PHASE:	9040238 11.01	DATE(S):	7/20-21/07
DRILLING CONTRACTOR:	WDC	SURVEYOR:	
DRILLER:	D. Raymond	NORTHING (NAD 83):	
GEOLOGIST / ENGINEER:	B. White	EASTING (NAD 83):	

NOT TO SCALE



PROTECTIVE CASING
Type:
Dimensions:
Length:
Guard Posts:

Surface Elevation (NAVD 88):
Casing Elevation (NAVD 88):
Casing Stickup (ft):

Borehole Diameter (in):
Well Casing Diameter (in):

DEPTH TO WATER
During Drilling:
Date
Pre Development:
Date
Post Development:
Date

Top of ~~Secondary Filter Pack~~ Seal: 19.8

Top of Filter Pack: 21.8

Top of Screen: 23.8

Bottom of Screen: 33.8 - (cap + blank)
Bottom of Well: 33.8

Bottom of Filter Pack: 33.8

Borehole Depth: 33.8

SURFACE PAD
Dimensions:
Type:

WELL CASING (RISER)
Manufacturer:
Type/Material:
Diameter (in):
Connection:

WELL SCREEN
Manufacturer:
Type/Material:
Slot Size (in):
Slot Type: Continuous Factory Slot
Connection:

ANNULAR SEAL
Type:
Manufacturer:
Mud Scale:
Installation: Gravity Tremie Pressure
Volume:
Hydration Time:

SECONDARY FILTER PACK
Manufacturer:
Product Name:
Size:
Volume (ft3):
Installation: Tremie Gravity

PRIMARY FILTER PACK
Manufacturer:
Product Name:
Size:
Volume (ft3):
Installation: Tremie Gravity

SUMP/END CAP
Type:
Length:

BACKFILL MATERIAL
Type:
Volume:

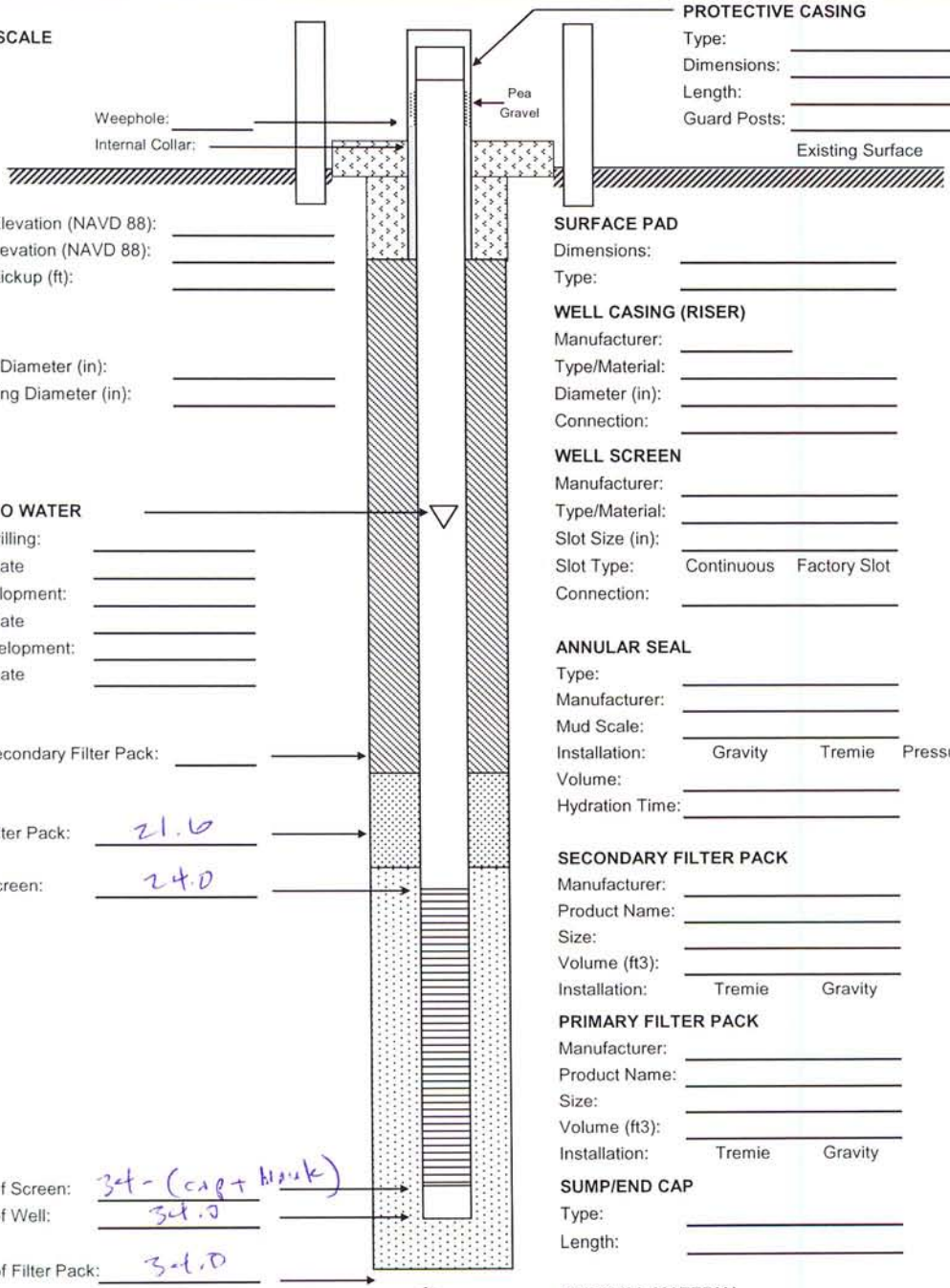
Comments:

BHATE
Environmental Engineers and Scientists

WELL CONSTRUCTION DIAGRAM (Abovegrade)

SITE:	OT32	WELL/BORING ID:	TMW05
PROJECT NAME:	HAFB-2nd Shift ACM July 2007	DRILLING METHOD:	~~HAS~~ HSA 8 1/4" OD
PROJECT NO./PHASE:	9040238 11.01	DATE(S):	7/20/07
DRILLING CONTRACTOR:	WDC	SURVEYOR:	
DRILLER:	D. Raymond	NORTHING (NAD 83):	
GEOLOGIST / ENGINEER:	Bialolfr	EASTING (NAD 83):	

NOT TO SCALE



PROTECTIVE CASING
Type:
Dimensions:
Length:
Guard Posts:

Surface Elevation (NAVD 88):
Casing Elevation (NAVD 88):
Casing Stickup (ft):

Borehole Diameter (in):
Well Casing Diameter (in):

DEPTH TO WATER
During Drilling:
Date
Pre Development:
Date
Post Development:
Date

Top of Secondary Filter Pack:
Top of Filter Pack: 21.6
Top of Screen: 24.0
Bottom of Screen: 34 - (cap + hook)
Bottom of Well: 34.0
Bottom of Filter Pack: 34.0
Borehole Depth: 34.0

SURFACE PAD
Dimensions:
Type:

WELL CASING (RISER)
Manufacturer:
Type/Material:
Diameter (in):
Connection:

WELL SCREEN
Manufacturer:
Type/Material:
Slot Size (in):
Slot Type: Continuous Factory Slot
Connection:

ANNULAR SEAL
Type:
Manufacturer:
Mud Scale:
Installation: Gravity Tremie Pressure
Volume:
Hydration Time:

SECONDARY FILTER PACK
Manufacturer:
Product Name:
Size:
Volume (ft3):
Installation: Tremie Gravity

PRIMARY FILTER PACK
Manufacturer:
Product Name:
Size:
Volume (ft3):
Installation: Tremie Gravity

SUMP/END CAP
Type:
Length:

BACKFILL MATERIAL
Type:
Volume:

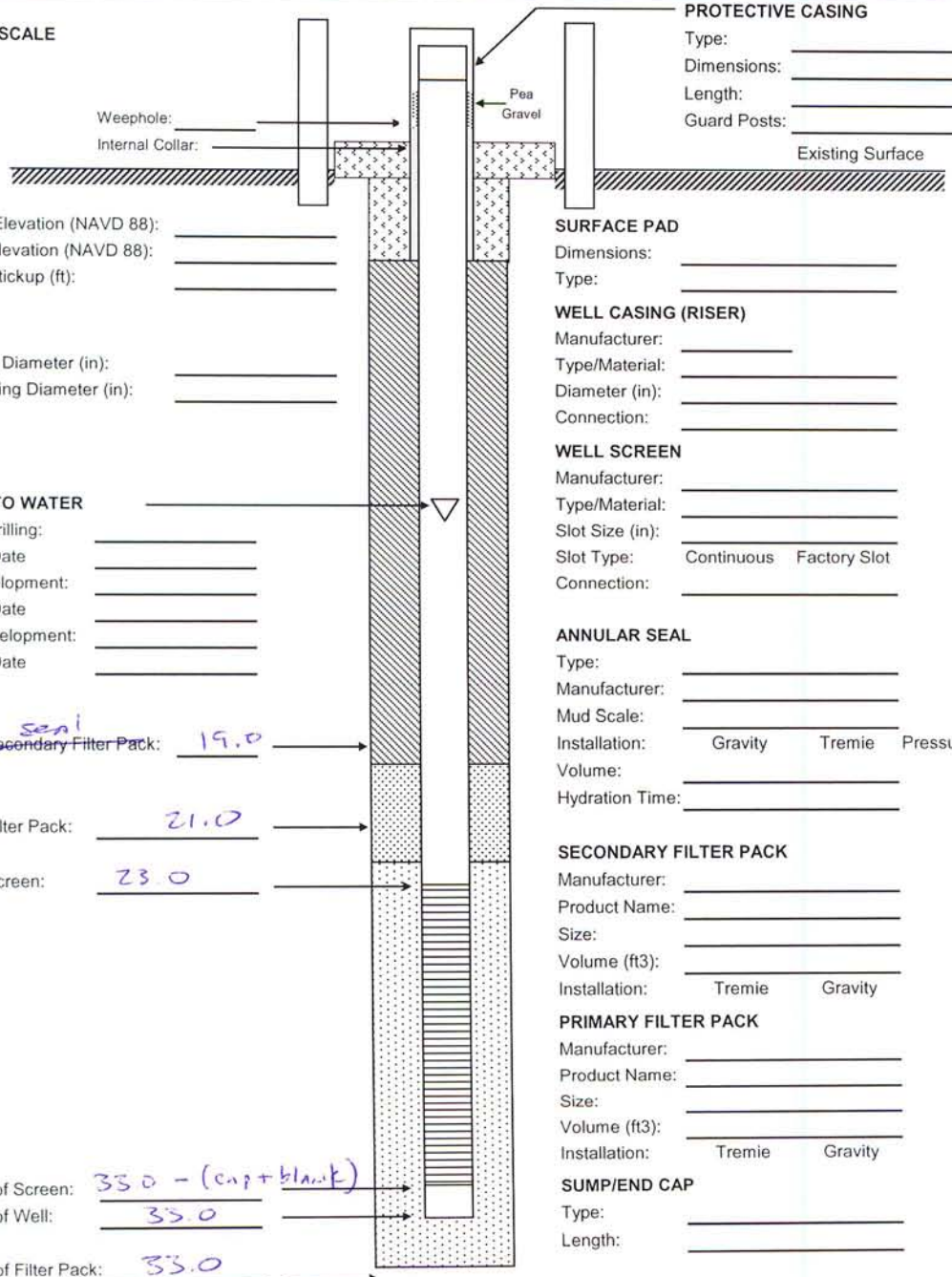
Comments:

BHATE
Environmental Engineers and Scientists

WELL CONSTRUCTION DIAGRAM (Abovegrade)

SITE:		WELL/BORING ID:	OT32 TMW106
PROJECT NAME:	HAFB-2nd Shift ACM July 2007	DRILLING METHOD:	~~HAS~~ HSA 8 1/4" OD
PROJECT NO./PHASE:	9040238 11.01	DATE(S):	7/20/07
DRILLING CONTRACTOR:	WDC	SURVEYOR:	
DRILLER:	D. Raymond	NORTHING (NAD 83):	
GEOLOGIST / ENGINEER:	B. Wolfe	EASTING (NAD 83):	

NOT TO SCALE



PROTECTIVE CASING
Type:
Dimensions:
Length:
Guard Posts:

Surface Elevation (NAVD 88):
Casing Elevation (NAVD 88):
Casing Stickup (ft):

Borehole Diameter (in):
Well Casing Diameter (in):

DEPTH TO WATER
During Drilling:
Date
Pre Development:
Date
Post Development:
Date

Top of ~~Secondary Filter Pack~~ Seal: 19.0

Top of Filter Pack: 21.0

Top of Screen: 23.0

Bottom of Screen: 33.0 - (cap + blank)
Bottom of Well: 33.0

Bottom of Filter Pack: 33.0

Borehole Depth: 33.0

SURFACE PAD
Dimensions:
Type:

WELL CASING (RISER)
Manufacturer:
Type/Material:
Diameter (in):
Connection:

WELL SCREEN
Manufacturer:
Type/Material:
Slot Size (in):
Slot Type: Continuous Factory Slot
Connection:

ANNULAR SEAL
Type:
Manufacturer:
Mud Scale:
Installation: Gravity Tremie Pressure
Volume:
Hydration Time:

SECONDARY FILTER PACK
Manufacturer:
Product Name:
Size:
Volume (ft3):
Installation: Tremie Gravity

PRIMARY FILTER PACK
Manufacturer:
Product Name:
Size:
Volume (ft3):
Installation: Tremie Gravity

SUMP/END CAP
Type:
Length:

BACKFILL MATERIAL
Type:
Volume:

Comments:

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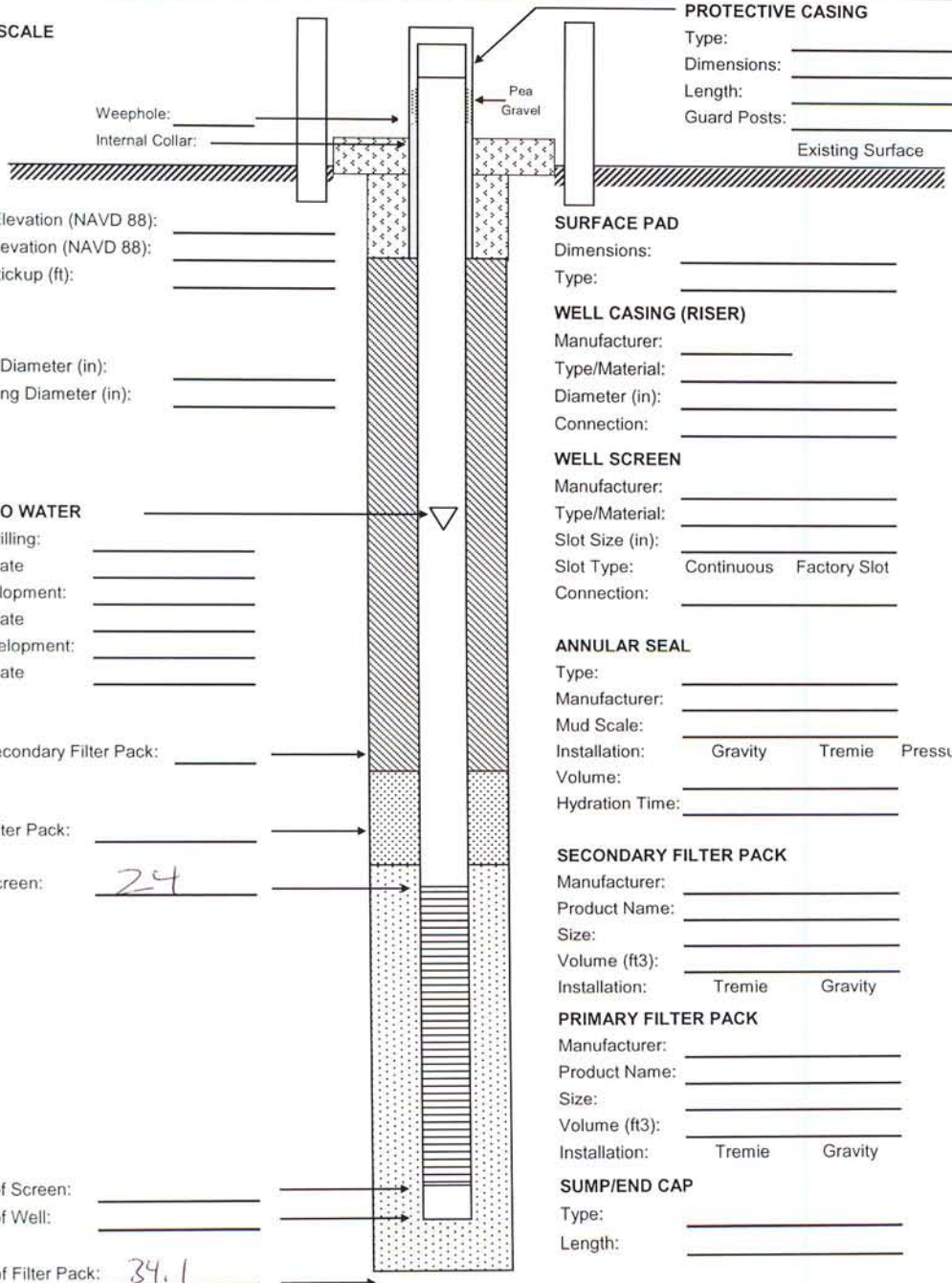
Environmental Engineers and Scientists

WELL CONSTRUCTION DIAGRAM (Abovegrade)

SITE:	OT32-SB07	WELL/BORING ID:	OT32-TMW-07
PROJECT NAME:	HAFB-2nd Shift ACM July 2007	DRILLING METHOD:	~~HAS~~ HSA 8 1/4" OD
PROJECT NO./PHASE:	9040238 11.01	DATE(S):	7/19/07
DRILLING CONTRACTOR:	WDC	SURVEYOR:	
DRILLER:	D. Raymond	NORTHING (NAD 83):	
GEOLOGIST / ENGINEER:	B. Wolfe	EASTING (NAD 83):	

NOT TO SCALE



Weephole:
Internal Collar:

PROTECTIVE CASING
Type:
Dimensions:
Length:
Guard Posts:

Surface Elevation (NAVD 88):
Casing Elevation (NAVD 88):
Casing Stickup (ft):

Borehole Diameter (in):
Well Casing Diameter (in):

DEPTH TO WATER
During Drilling:
Date
Pre Development:
Date
Post Development:
Date

Top of Secondary Filter Pack:

Top of Filter Pack:

Top of Screen: 24

Bottom of Screen:
Bottom of Well:

Bottom of Filter Pack: 34.1

Borehole Depth: 34.1

SURFACE PAD
Dimensions:
Type:

WELL CASING (RISER)
Manufacturer:
Type/Material:
Diameter (in):
Connection:

WELL SCREEN
Manufacturer:
Type/Material:
Slot Size (in):
Slot Type: Continuous Factory Slot
Connection:

ANNULAR SEAL
Type:
Manufacturer:
Mud Scale:
Installation: Gravity Tremie Pressure
Volume:
Hydration Time:

SECONDARY FILTER PACK
Manufacturer:
Product Name:
Size:
Volume (ft3):
Installation: Tremie Gravity

PRIMARY FILTER PACK
Manufacturer:
Product Name:
Size:
Volume (ft3):
Installation: Tremie Gravity

SUMP/END CAP
Type:
Length:

BACKFILL MATERIAL
Type:
Volume:

Comments:

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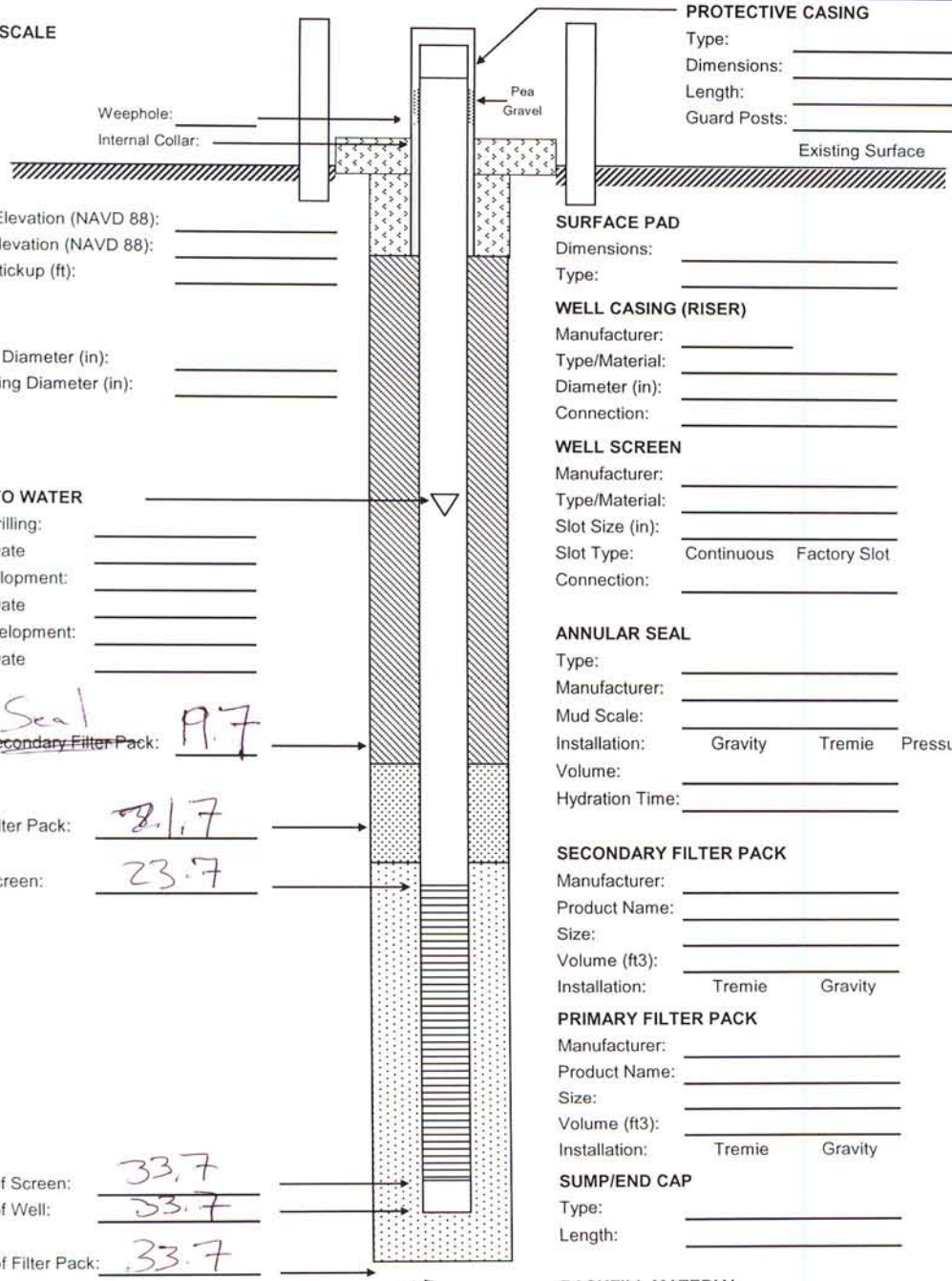
Environmental Engineers and Scientists

WELL CONSTRUCTION DIAGRAM (Abovegrade)

SITE:	OT32-~~SB~~-08	WELL/BORING ID:	OT32-TMW-08
PROJECT NAME:	HAFB-2nd Shift ACM July 2007	DRILLING METHOD:	~~HAS~~ ~~HSA~~ 5'/4" OD
PROJECT NO./PHASE:	9040238 11.01	DATE(S):	7/19/07
DRILLING CONTRACTOR:	WDC	SURVEYOR:	
DRILLER:	D. Raymond	NORTHING (NAD 83):	
GEOLOGIST / ENGINEER:	B. Wolfe	EASTING (NAD 83):	

NOT TO SCALE



PROTECTIVE CASING
Type:
Dimensions:
Length:
Guard Posts:

Surface Elevation (NAVD 88):
Casing Elevation (NAVD 88):
Casing Stickup (ft):

Borehole Diameter (in):
Well Casing Diameter (in):

DEPTH TO WATER
During Drilling:
Date
Pre Development:
Date
Post Development:
Date

Top of ~~Secondary Filter Pack~~ Seal: 19.7
Top of Filter Pack: 21.7
Top of Screen: 23.7

Bottom of Screen: 33.7
Bottom of Well: 33.7
Bottom of Filter Pack: 33.7
Borehole Depth: 33.7

SURFACE PAD
Dimensions:
Type:

WELL CASING (RISER)
Manufacturer:
Type/Material:
Diameter (in):
Connection:

WELL SCREEN
Manufacturer:
Type/Material:
Slot Size (in):
Slot Type: Continuous Factory Slot
Connection:

ANNULAR SEAL
Type:
Manufacturer:
Mud Scale:
Installation: Gravity Tremie Pressure
Volume:
Hydration Time:

SECONDARY FILTER PACK
Manufacturer:
Product Name:
Size:
Volume (ft3):
Installation: Tremie Gravity

PRIMARY FILTER PACK
Manufacturer:
Product Name:
Size:
Volume (ft3):
Installation: Tremie Gravity

SUMP/END CAP
Type:
Length:

BACKFILL MATERIAL
Type:
Volume:

Comments:

29.7
31.7

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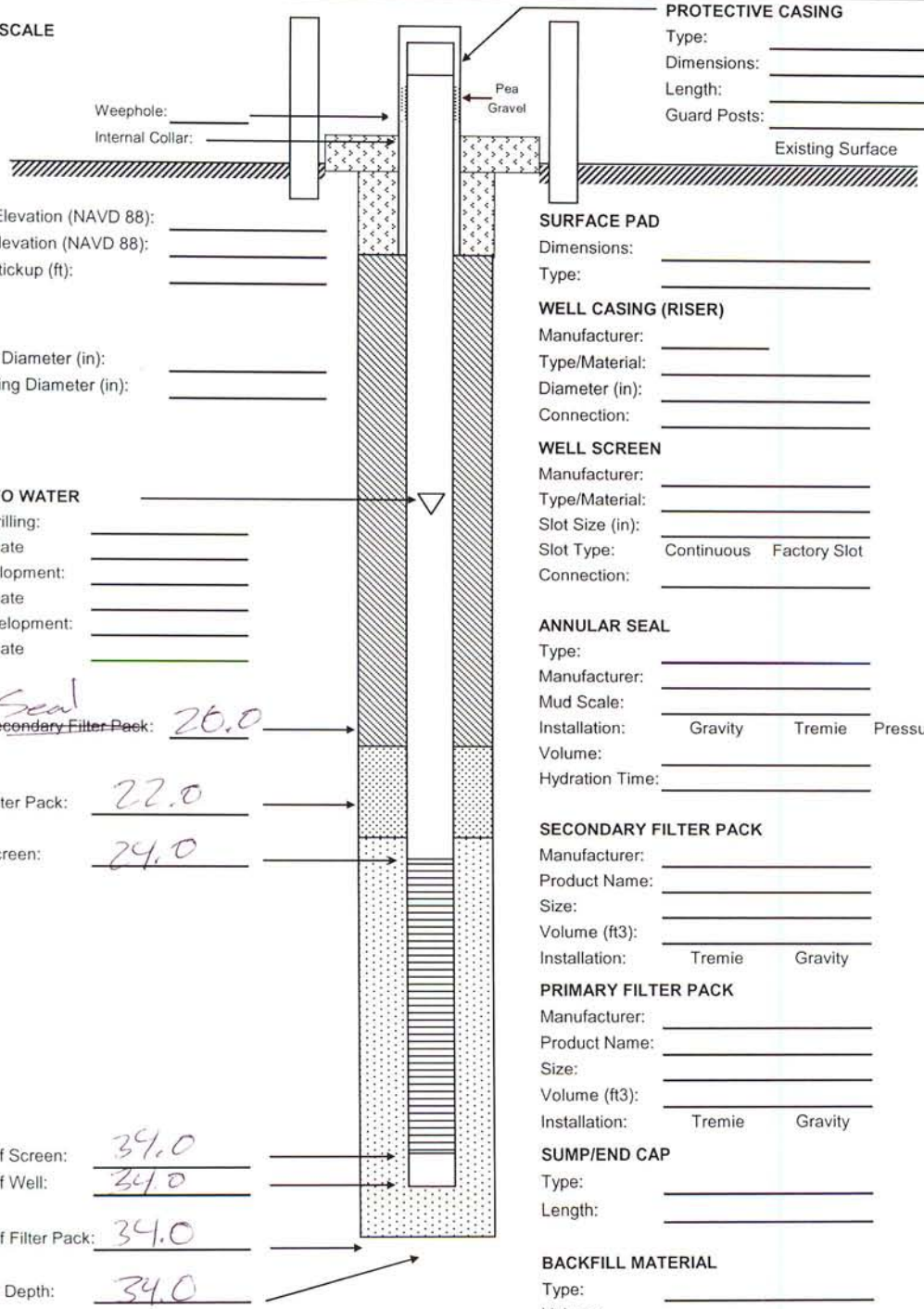
WELL CONSTRUCTION DIAGRAM (Abovegrade)

SITE:	OT32	WELL/BORING ID:	OT32 - TMW-09
PROJECT NAME:	HAFB-2nd Shift ACM July 2007	DRILLING METHOD:	~~HAS~~ HSA 8¼" OD
PROJECT NO./PHASE:	~~9040238 11.01~~ 9050631	DATE(S):	7/19/07
DRILLING CONTRACTOR:	WDC	SURVEYOR:	
DRILLER:	D. Raymond	NORTHING (NAD 83):	
GEOLOGIST / ENGINEER:	B. Wolfe	EASTING (NAD 83):	

NOT TO SCALE



Weephole:
Internal Collar:

Surface Elevation (NAVD 88):
Casing Elevation (NAVD 88):
Casing Stickup (ft):

Borehole Diameter (in):
Well Casing Diameter (in):

DEPTH TO WATER
During Drilling:
Date
Pre Development:
Date
Post Development:
Date

Top of ~~Secondary Filter Pack~~ Seal: 20.0
Top of Filter Pack: 22.0
Top of Screen: 24.0
Bottom of Screen: 34.0
Bottom of Well: 34.0
Bottom of Filter Pack: 34.0
Borehole Depth: 34.0

PROTECTIVE CASING
Type:
Dimensions:
Length:
Guard Posts:

SURFACE PAD
Dimensions:
Type:

WELL CASING (RISER)
Manufacturer:
Type/Material:
Diameter (in):
Connection:

WELL SCREEN
Manufacturer:
Type/Material:
Slot Size (in):
Slot Type: Continuous Factory Slot
Connection:

ANNULAR SEAL
Type:
Manufacturer:
Mud Scale:
Installation: Gravity Tremie Pressure
Volume:
Hydration Time:

SECONDARY FILTER PACK
Manufacturer:
Product Name:
Size:
Volume (ft3):
Installation: Tremie Gravity

PRIMARY FILTER PACK
Manufacturer:
Product Name:
Size:
Volume (ft3):
Installation: Tremie Gravity

SUMP/END CAP
Type:
Length:

BACKFILL MATERIAL
Type:
Volume:

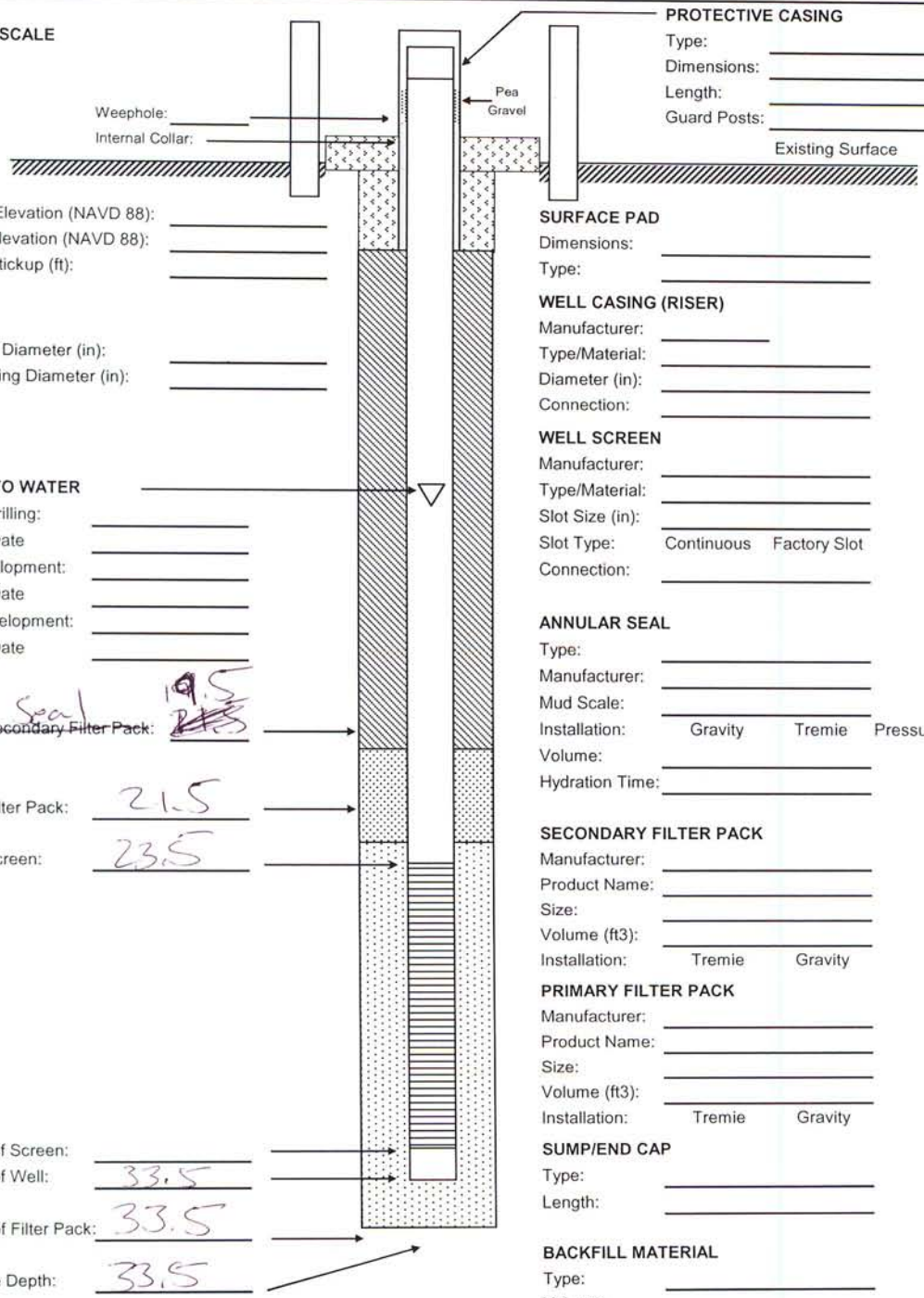
Comments:

BHATE
Environmental Engineers and Scientists

WELL CONSTRUCTION DIAGRAM (Abovegrade)

SITE:	OT 32	WELL/BORING ID:	OT32 - TMW - 10
PROJECT NAME:	HAFB-2nd Shift ACM July 2007	DRILLING METHOD:	~~HAS~~ HSA 8'/4" OD
PROJECT NO./PHASE:	9040238 11.01	DATE(S):	7/19/07
DRILLING CONTRACTOR:	WDC	SURVEYOR:	
DRILLER:	D. Raymond	NORTHING (NAD 83):	
GEOLOGIST / ENGINEER:	Bernard Wolfe	EASTING (NAD 83):	

NOT TO SCALE



PROTECTIVE CASING
Type:
Dimensions:
Length:
Guard Posts:

Surface Elevation (NAVD 88):
Casing Elevation (NAVD 88):
Casing Stickup (ft):

Borehole Diameter (in):
Well Casing Diameter (in):

DEPTH TO WATER
During Drilling:
Date
Pre Development:
Date
Post Development:
Date

Top of ~~Secondary Filter Pack~~ Seal: 19.5 ~~21.5~~

Top of Filter Pack: 21.5

Top of Screen: 23.5

Bottom of Screen:
Bottom of Well: 33.5

Bottom of Filter Pack: 33.5

Borehole Depth: 33.5

SURFACE PAD
Dimensions:
Type:

WELL CASING (RISER)
Manufacturer:
Type/Material:
Diameter (in):
Connection:

WELL SCREEN
Manufacturer:
Type/Material:
Slot Size (in):
Slot Type: Continuous Factory Slot
Connection:

ANNULAR SEAL
Type:
Manufacturer:
Mud Scale:
Installation: Gravity Tremie Pressure
Volume:
Hydration Time:

SECONDARY FILTER PACK
Manufacturer:
Product Name:
Size:
Volume (ft3):
Installation: Tremie Gravity

PRIMARY FILTER PACK
Manufacturer:
Product Name:
Size:
Volume (ft3):
Installation: Tremie Gravity

SUMP/END CAP
Type:
Length:

BACKFILL MATERIAL
Type:
Volume:

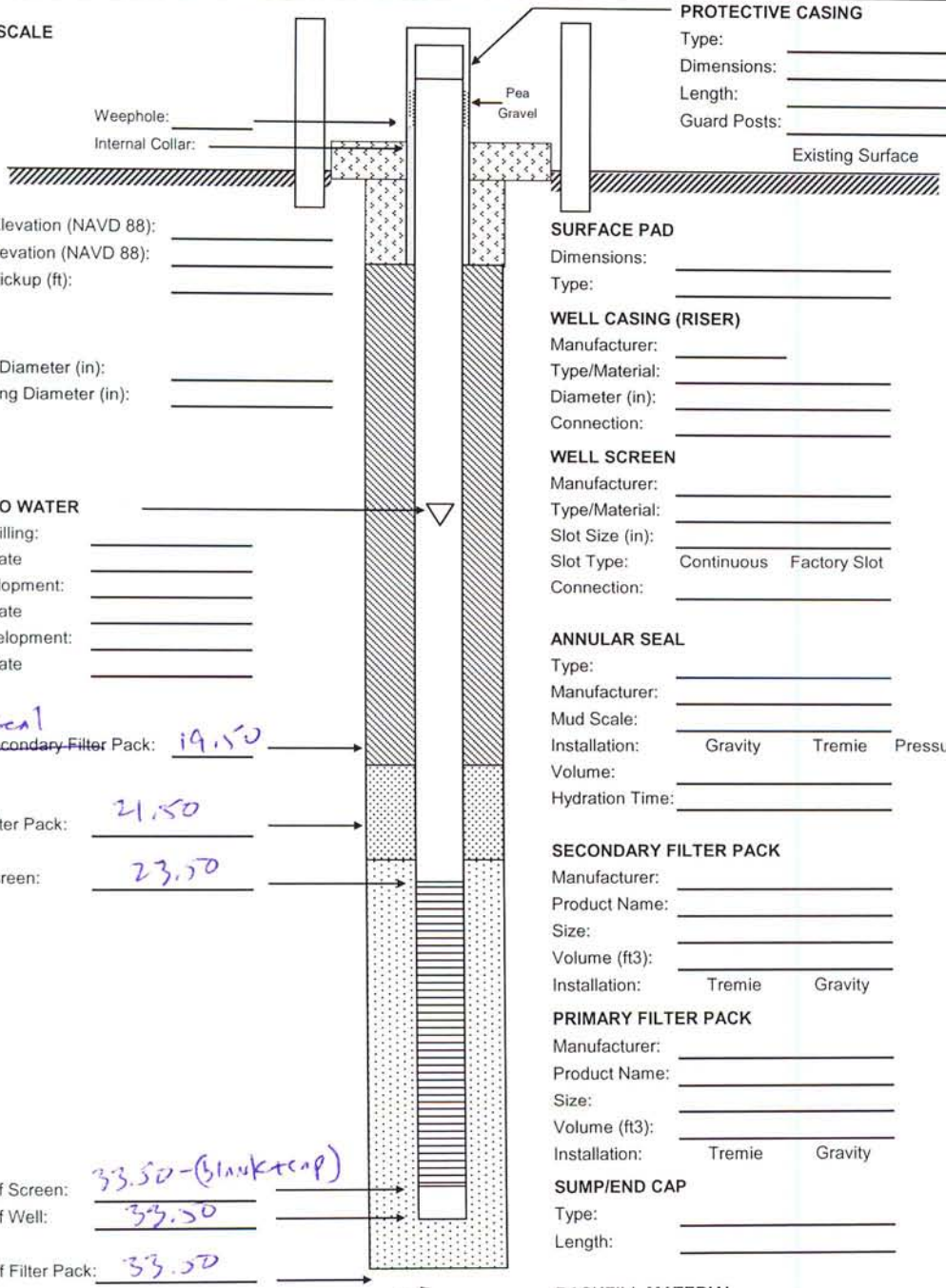
Comments:

BHATE
Environmental Engineers and Scientists

WELL CONSTRUCTION DIAGRAM (Abovegrade)

SITE:	OT32	WELL/BORING ID:	TMW-11 / SB11
PROJECT NAME:	HAFB-2nd Shift ACM July 2007	DRILLING METHOD:	~~HAS~~ HSA / 8'/4" OD
PROJECT NO./PHASE:	9040238 11.01	DATE(S):	7/18/07
DRILLING CONTRACTOR:	WDC	SURVEYOR:	
DRILLER:	D. Raymond	NORTHING (NAD 83):	
GEOLOGIST / ENGINEER:	Bhatte	EASTING (NAD 83):	

NOT TO SCALE



Weephole:
Internal Collar:

Surface Elevation (NAVD 88):
Casing Elevation (NAVD 88):
Casing Stickup (ft):

Borehole Diameter (in):
Well Casing Diameter (in):

DEPTH TO WATER
During Drilling:
Date
Pre Development:
Date
Post Development:
Date

Top of ~~Secondary Filter~~ Seal Pack: 19.50

Top of Filter Pack: 21.50

Top of Screen: 23.50

Bottom of Screen: 33.50-(Blank+cap)
Bottom of Well: 33.50

Bottom of Filter Pack: 33.50

Borehole Depth: 33.50

PROTECTIVE CASING
Type:
Dimensions:
Length:
Guard Posts:

SURFACE PAD
Dimensions:
Type:

WELL CASING (RISER)
Manufacturer:
Type/Material:
Diameter (in):
Connection:

WELL SCREEN
Manufacturer:
Type/Material:
Slot Size (in):
Slot Type: Continuous Factory Slot
Connection:

ANNULAR SEAL
Type:
Manufacturer:
Mud Scale:
Installation: Gravity Tremie Pressure
Volume:
Hydration Time:

SECONDARY FILTER PACK
Manufacturer:
Product Name:
Size:
Volume (ft3):
Installation: Tremie Gravity

PRIMARY FILTER PACK
Manufacturer:
Product Name:
Size:
Volume (ft3):
Installation: Tremie Gravity

SUMP/END CAP
Type:
Length:

BACKFILL MATERIAL
Type:
Volume:

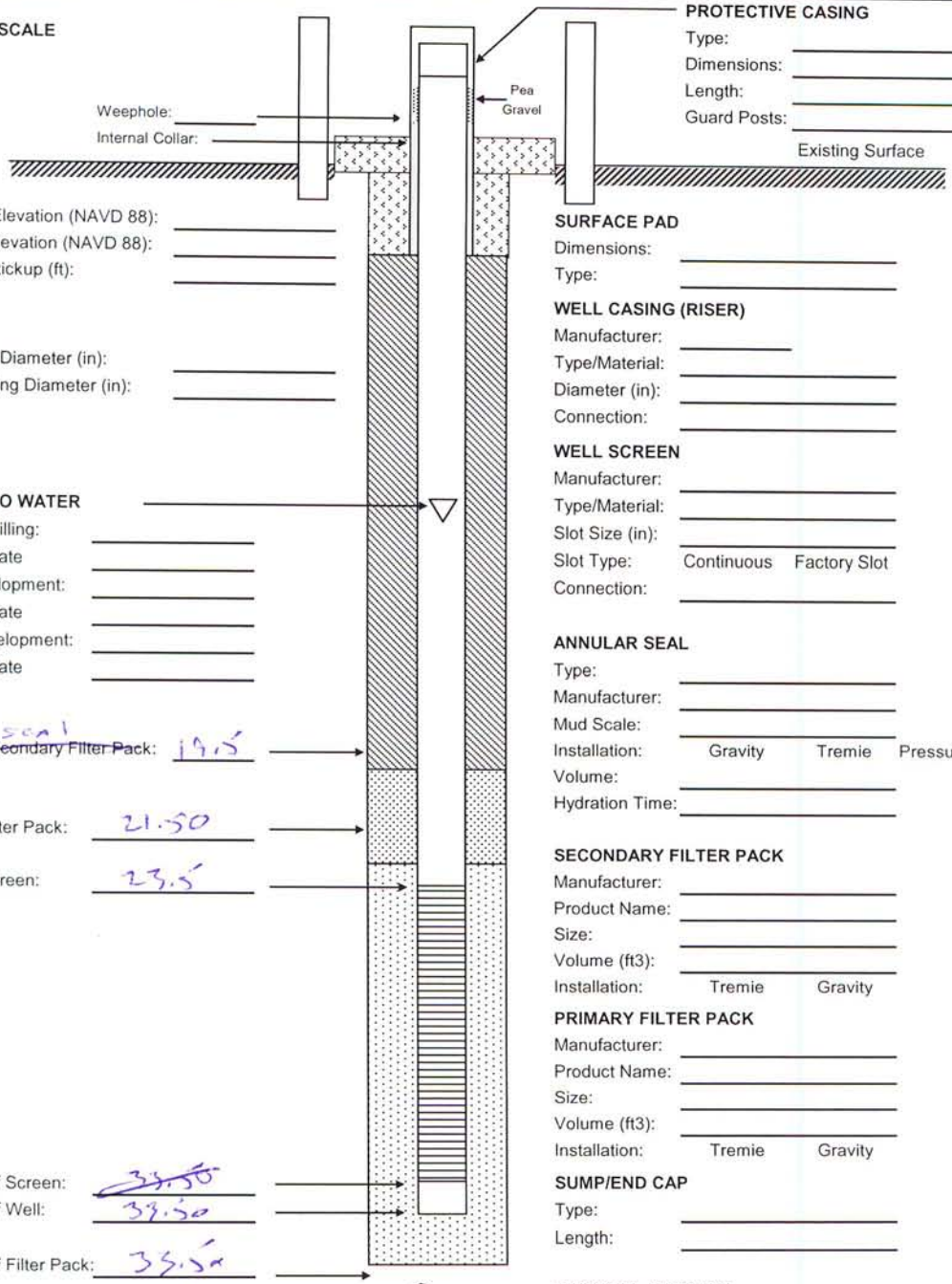
Comments:

BHATE
Environmental Engineers and Scientists

WELL CONSTRUCTION DIAGRAM (Abovegrade)

SITE:	OT32	WELL/BORING ID:	TMW-12 / SB12
PROJECT NAME:	HAFB-2nd Shift ACM July 2007	DRILLING METHOD:	~~HAS~~ HSA 8"/4" OD
PROJECT NO./PHASE:	~~9040238 11.01~~ 90:0036.01	DATE(S):	7/18/07
DRILLING CONTRACTOR:	WDC	SURVEYOR:	
DRILLER:	D. Raymond	NORTHING (NAD 83):	
GEOLOGIST / ENGINEER:	B. Inlothe	EASTING (NAD 83):	

NOT TO SCALE



Weephole:
Internal Collar:

Surface Elevation (NAVD 88):
Casing Elevation (NAVD 88):
Casing Stickup (ft):

Borehole Diameter (in):
Well Casing Diameter (in):

DEPTH TO WATER
During Drilling:
Date
Pre Development:
Date
Post Development:
Date

Top of ~~Secondary Filter Pack~~ Seal: 19.5
Top of Filter Pack: 21.50
Top of Screen: 23.5

Bottom of Screen: ~~33.50~~
Bottom of Well: 33.50
Bottom of Filter Pack: 33.50
Borehole Depth: 33.58

PROTECTIVE CASING
Type:
Dimensions:
Length:
Guard Posts:

SURFACE PAD
Dimensions:
Type:

WELL CASING (RISER)
Manufacturer:
Type/Material:
Diameter (in):
Connection:

WELL SCREEN
Manufacturer:
Type/Material:
Slot Size (in):
Slot Type: Continuous Factory Slot
Connection:

ANNULAR SEAL
Type:
Manufacturer:
Mud Scale:
Installation: Gravity Tremie Pressure
Volume:
Hydration Time:

SECONDARY FILTER PACK
Manufacturer:
Product Name:
Size:
Volume (ft3):
Installation: Tremie Gravity

PRIMARY FILTER PACK
Manufacturer:
Product Name:
Size:
Volume (ft3):
Installation: Tremie Gravity

SUMP/END CAP
Type:
Length:

BACKFILL MATERIAL
Type:
Volume:

Comments:

Appendix B-2

RW-42 ACM Soil Boring Logs & Monitoring Well Construction Diagrams

HTW DRILLING LOG

HOLE NO. RW42-DP01

SHEET 1 OF SHEETS

1. COMPANY NAME: Bhate Environmental Associates, Inc.	2. DRILLING CONTRACTOR: ESN
3. PROJECT: Accelerated Corrective Measures, Holloman AFB, NM	4. LOCATION: RW-42 Radioactive Waste Burial Site, HAFB, NM
5. NAME OF DRILLER: Chad Grubbs	6. MANUFACTURER'S DESIGNATION OF DRILL: Power Probe 9600 Pro
7. SIZES & TYPES OF DRILLING & SAMPLING EQUIPMENT: 2 1/4-inch OD steel rods 5-ft lengh; 1 1/2-inch OD PVC plastic liners 5-ft length	8. HOLE LOCATION: North East
	9. SURFACE ELEVATION (ft. NGVD)
	10. DATE STARTED: 6/16/07 — 11. DATE COMPLETED: 6/16/07
12. OVERBURDEN THICKNESS: NA	15. DEPTH GROUNDWATER ENCOUNTERED: N.A
13. DEPTH DRILLED INTO ROCK: NA	16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED
14. TOTAL DEPTH OF HOLE: 24 ft bgs	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
NA			

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	TAL METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE REC %
3 + dup	X	X	TPH X	SVOCs X	Tritium X	

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Back filled w/ bentonite	X			Jeff Morse

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	Field Screening Results d	Geotech Sample or Core Box No. e	Analytical Sample No. f	Blow Counts g	REMARKS h
	0	0-5 Silty sand (SM) v.f. gr. qtz, subangular, well sorted, very loose (like flour) very dry 10YR 7/3 very pale brown	0-5 0.4 ppm 0.2 ppm				
	1						
	2						
	3						
	4						
	5						

HTW DRILLING LOG

HOLE NO. RW42-DP01

PROJECT: Accelerated Corrective Measures, Holloman AFB, NM

INSPECTOR: Jeff Ulman

SHEET 2 OF 2 SHEETS

ELEV a	DEPTH b	DESCRIPTION OF MATERIALS c	Field Screening Results d	Geotech Sample or Core Box No. e	Analytical Sample No. f	Blow Counts g	REMARKS h
	5	5-10 Silty sand (SM) same as above more dense v. dry.	5-10 0.5 cpm 0.4 ppm				~50% recovery
	6						
	7						
	8						
	9						
	10	10-15 - Silty sand (SM) with caliche/gypsum crystals (same as above) dry dense. 7.5YR 5/4 brown	10-15 0.8 cpm 0.6 ppm	RW42-DP01-10 (1300)			~50% recovery
	11						
	12						
	13						
	14						
	15	15-20 Silty Sand (SM) very dense caliched reddish brown 2.5YR 4/4 very hard. very dry	15-20 0.5 cpm 0.4 ppm	RW42-DP01-16 (1310)			~50% recovery
	16						
	17						
	18						
	19						
	20	20-24 Silty sand (SM) interbedded w/ white sand (SP) very hard very dry	20-24 0.8 cpm 0.5 ppm				~75% rec
	21						
	22			RW42-DP01-24 (1320) RW-42-DP01-24a (1320)			
	23		DUPE				

TD @ 24'

PROJECT: Accelerated Corrective Measures, Holloman AFB, NM

HOLE NO. RW42-DP01

HTW DRILLING LOG

HOLE NO. RW42-DP 02

SHEET 1 OF 2 SHEETS

1. COMPANY NAME: Bhate Environmental Associates, Inc.	2. DRILLING CONTRACTOR: ESN
3. PROJECT: Accelerated Corrective Measures, Holloman AFB, NM	4. LOCATION: RW-42 Radioactive Waste Burial Site, HAFB, NM
5. NAME OF DRILLER: Chad Grubbs	6. MANUFACTURER'S DESIGNATION OF DRILL: Power Probe 9600 Pro
7. SIZES & TYPES OF DRILLING & SAMPLING EQUIPMENT: 2 1/4-inch OD steel rods 5-ft lengh; 1 1/2-inch OD PVC plastic liners 5-ft length	8. HOLE LOCATION: North East
	9. SURFACE ELEVATION (ft. NGVD)
	10. DATE STARTED: 6/10/07 — 11. DATE COMPLETED: 6/10/07
12. OVERBURDEN THICKNESS: NA	15. DEPTH GROUNDWATER ENCOUNTERED: NA
13. DEPTH DRILLED INTO ROCK: NA	16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED
14. TOTAL DEPTH OF HOLE: 24 ft bgs	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
NA			

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	TAL METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE REC %
3 + MS/MSD	X	X	TPH X	SVOCs X	Tritium X	

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Bentonite chips	X			A H Moore

ELEV a	DEPTH b	DESCRIPTION OF MATERIALS c	Field Screening Results d	Geotech Sample or Core Box No. e	Analytical Sample No. f	Blow Counts g	REMARKS h
	0	0-5 Silty sand (SM) v.f. gr. qtz. w/ silt subangular, wellsorted loose (like flour) very dry 10YR6/4 light yellowish brown	0-5 0.9 ppm 0.5 ppm				
	1						
	2						
	3						
	4						
	5						

HTW DRILLING LOG

HOLE NO. RW42-DP02

PROJECT: Accelerated Corrective Measures, Holloman AFB, NM

INSPECTOR: J Moore

SHEET 2 OF 2 SHEETS

ELEV a	DEPTH b	DESCRIPTION OF MATERIALS c	Field Screening Results d	Geotech Sample or Core Box No. e	Analytical Sample No. f	Blow Counts g	REMARKS h
	5	5-10 ft bgs silty sand (Sm) w/ increasing caliche content. dk reddish brown very dry and dense/hard	5-10 0.8 cpm 0.2 ppm				
	6						
	7						
	8						
	9						
	10	10-15 ft bgs silty sand (Sm) w/ calich very hard and dry/v. sl. moist 2.5YR 5/4 dk reddish brown.	10-15 0.7 cpm 0.3 ppm		RW42-DP02-10 (1345)		
	11						
	12						
	13						
	14						
	15	15-20' bgs silty sand (Sm) (same as above)	15-20 0.9 cpm 0.3 ppm		RW42-DP02-16 (1400)		
	16						
	17						
	18						
	19						
	20	20-24 ft bgs silty sand (Sm) interbedded w/ sand reddish brown/white v. f. gr. subangular w/ caliche, very dense/hard dry/v. sl. moist	20-24 0.8 cpm 0.6 ppm		RW42-DP02-24 (1415) RW42-DP02-24 ms RW42-DP02-24 msD		
	21						
	22						
	23						

TD @ 24 ft

PROJECT: Accelerated Corrective Measures, Holloman AFB, NM

HOLE NO. RW42-DP02

HTW DRILLING LOG

HOLE NO. RW42-DP03

1. COMPANY NAME: Bhate Environmental Associates, Inc.	2. DRILLING CONTRACTOR: ESN
SHEET 1 OF SHEETS	
3. PROJECT: Accelerated Corrective Measures, Holloman AFB, NM	4. LOCATION: RW-42 Radioactive Waste Burial Site, HAFB, NM
5. NAME OF DRILLER: Chad Grubbs	6. MANUFACTURER'S DESIGNATION OF DRILL: Power Probe 9600 Pro
7. SIZES & TYPES OF DRILLING & SAMPLING EQUIPMENT: 2 1/4-inch OD steel rods 5-ft lengh; 1 1/2-inch OD PVC plastic liners 5-ft length	8. HOLE LOCATION: North East
	9. SURFACE ELEVATION (ft. NGVD)
	10. DATE STARTED: 6/10/07 — 11. DATE COMPLETED: 6/10/07
12. OVERBURDEN THICKNESS: NA	15. DEPTH GROUNDWATER ENCOUNTERED
13. DEPTH DRILLED INTO ROCK: NA	16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED
14. TOTAL DEPTH OF HOLE: 25 ft bgs	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
NA			

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	TAL METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE REC %
3	X	X	SVOCs X	TPH X	Tritium X	

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
w/ Bentonite chips	X			JH Moore

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	Field Screening Results d	Geotech Sample or Core Box No. e	Analytical Sample No. f	Blow Counts g	REMARKS h
	0	0-5 Silty sand (SM) w/ caliche (gypsum xtals) v. f. gr. qtz, subangular, well sorted dense v. dry 7.5YR 4/4 brown	0-5 0.4 cpm 0.3 ppm				
	1						
	2						
	3						
	4						
	5						

HTW DRILLING LOG

HOLE NO. RW42-DP03

PROJECT: Accelerated Corrective Measures, Holloman AFB, NM

INSPECTOR: Jim Moore

SHEET 2 OF 2 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	Field Screening Results d	Geotech Sample or Core Box No. e	Analytical Sample No. f	Blow Counts g	REMARKS h
	5	5-10 ft bgs silty sand (SM) same as above	5-10 0.5 cpm 0.6 ppm				
	6						
	7						
	8						
	9						
	10	10-15 ft bgs silty sand (SM) w/ caliche v. f. gr. qtz qt, dense/hard, v. dry dk reddish brown	10-15 1.2 cpm 0.5 ppm		RW42-DP03-10 (1445)		
	11						
	12						
	13						
	14						
	15	15-20 ft bgs silty sand (SM) same as above	15-20 0.6 ppm 0.5 cpm		RW42-DP03-16 (1500)		
	16						
	17						
	18						
	19						
	20	20-25 ft bgs silty sand (SM) w/ interbedded white sand (SP) hard dry	20-25 0.8 cpm 0.5 ppm				
	21						
	22				RW42-DP03-24 (1515)		
	23						

HTW DRILLING LOG

HOLE NO. RW42-DP04

1. COMPANY NAME: Bhate Environmental Associates, Inc.	2. DRILLING CONTRACTOR: ESN
SHEET 1 OF 2 SHEETS	
3. PROJECT: Accelerated Corrective Measures, Holloman AFB, NM	4. LOCATION: RW-42 Radioactive Waste Burial Site, HAFB, NM
5. NAME OF DRILLER: Chad Grubbs	6. MANUFACTURER'S DESIGNATION OF DRILL: Power Probe 9600 Pro
7. SIZES & TYPES OF DRILLING & SAMPLING EQUIPMENT: 2 1/4-inch OD steel rods 5-ft lengh; 1 1/2-inch OD PVC plastic liners 5-ft length	8. HOLE LOCATION: North East
	9. SURFACE ELEVATION (ft. NGVD)
	10. DATE STARTED: 6/10/07 — 11. DATE COMPLETED: 6/10/07
12. OVERBURDEN THICKNESS: NA	15. DEPTH GROUNDWATER ENCOUNTERED: NA
13. DEPTH DRILLED INTO ROCK: NA	16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED
14. TOTAL DEPTH OF HOLE: 25 ft bgs	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
NA			

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	TAL METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE REC %
3 + dupe	X	X	SVOCs X	TPH X	Tritium X	

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
w/ Bentonite	X			[signature]

ELEV a	DEPTH b	DESCRIPTION OF MATERIALS c	Field Screening Results d	Geotech Sample or Core Box No. e	Analytical Sample No. f	Blow Counts g	REMARKS h
	0	0-5 Silty sand (sm) v. f-gr. qtz, subangular, loose (like flour) v. dry lt. brown	0-5 0.8 cpm 0.6 ppm				
	1						
	2						
	3						
	4						
	5						

HTW DRILLING LOG

HOLE NO. RW42-DP 04

PROJECT: Accelerated Corrective Measures, Holloman AFB, NM

INSPECTOR: [illegible]

SHEET 2 OF 2 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	Field Screening Results d	Geotech Sample or Core Box No. e	Analytical Sample No. f	Blow Counts g	REMARKS h
	5	5-10 ft bgs silty sand (Sm) w/ caliche v. f. gr qtz w/ gypsum xtals well sorted, dense/hard v. dry dark reddish brown	5-10 0.8 cpm 0.5 ppm				< 50% recovery
	6						
	7						
	8						
	9						
	10	10-15 ft bgs silty sand (Sm) w caliche same as above	10-15 0.7 cpm 0.6 ppm		RW42-DP04-10 (1530)		< 50% recovery
	11						
	12						
	13						
	14						
	15	15-20 ft bgs silty sand (Sm) w/ caliche same as above	15-20 0.8 cpm 0.4 ppm				< 50% recovery
	16				RW42-DP04-16 (1545)		<
	17						
	18						
	19						
	20	20-25 ft bgs silty sand silty sand very hard w/ increasing caliche	20-25				
	21						
	22				RW42-DP04-24 (1600) RW42-DP04-24a		
	23						

TD @ 25

PROJECT: Accelerated Corrective Measures, Holloman AFB, NM

HOLE NO. RW42-DP 04

HTW DRILLING LOG

HOLE NO: MW02

1. COMPANY NAME: Bhate Associates, Inc.	2. DRILLING CONTRACTOR: WDC
SHEET: OF 1 SHEETS 2	
3. PROJECT: HAFB - 2nd Shift ACM July 2007	4. LOCATION: OT-32 / OT-37 / RW-42
5. NAME OF DRILLER: D. Raymond	6. MANUFACTURER'S DESIGNATION OF DRILL: CME 85
7. SIZES & TYPES OF DRILLING & SAMPLING EQUIPMENT: HSA: 8 1/4" OD	8. HOLE LOCATION: ~~West~~ South Size of enclosure; North East
	9. SURFACE ELEVATION (ft. NGVD)
	10. DATE STARTED: 7/21/07 — 11. DATE COMPLETED: 7/21/07
12. OVERBURDEN THICKNESS: N/A	15. DEPTH GROUNDWATER ENCOUNTERED: 41' bgs
13. DEPTH DRILLED INTO ROCK: N/A	16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED: 41.50 (3 hours)
14. TOTAL DEPTH OF HOLE: 49' bgs	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY): 41.53 (24 hours)

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
None	—	—	—

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE REC %
None	—	—	—	—	—	

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
		X		B.W.

ELEV a	DEPTH b	DESCRIPTION OF MATERIALS c	Field Screening Results d	Geotech Sample or Core Box No. e	Analytical Sample No. f	Blow Counts g	REMARKS h
	0						
	1						
	2	dry loose light brn silty sand, v. f.g.	OVA: 2.7 ppm; = bkgd				
	3						
	4						
	5						

PROJECT: HAFB - 2nd Shift ACM July 2007

HOLE NO: RW42 MW02

HTW DRILLING LOG

HOLE NO: MW02

PROJECT: HAFB - 2nd Shift ACM July 2007

INSPECTOR: BW.

SHEET 2 OF 2 SHEETS

ELEV a	DEPTH b	DESCRIPTION OF MATERIALS c	Field Screening Results d	Geotech Sample or Core Box No. e	Analytical Sample No. f	Blow Counts g	REMARKS h
	7		OVA: 2.8				
			Iodium = bkgd				
	10	Sand, dark brown, dry	OVA: 2.8				
		very clayey w/ gypsum mottling	Iodium = bkgd				
	15	Same, high percentage of gypsum, mottling/layering	OVA: 6.8				
			Iodium = bkgd				
	20	Same					
		loose, dry silty, dark brown	OVA: 5.0				
		whitish, dense	Iodium = bkgd				
	25	gypsum seam					
		dark brown, loose, dry	OVA: 5.0				
		clean white silty sand, v.f.g.	Iodium = bkgd				
	30	dark brown, clayey					
			OVA: 14.1				
		sand seam, med grain dark brown clayey	Iodium = bkgd				
	35	white sand					
		slightly damp light brown silty sand	OVA: 17.6				
			Iodium = bkgd				
		More damp, dk brown, clayey					
	40	dark brown, silty sand ~~little~~ clayey very damp/wet					
		~~clayey~~ silty, very damp/wet					
	45	clayey damp/wet					
		Same, saturated					
	50	TERMINATED @ 49' bgs					

4166' ~~4165~~ ~~4166~~' AMSL Ground surface

HOLE NO: RW42 MW02

PROJECT: HAFB - 2nd Shift ACM July 2007

bkgd = 0.3 mR/hr.

HTW DRILLING LOG

HOLE NO.	MW01
1. COMPANY NAME	Blinte Associates, Inc.
2. DRILLING CONTRACTOR	WDC
SHEET OF 1 SHEETS	2
3. PROJECT	HAFB - 2nd shift ACM July 2007
4. LOCATION	RW 42
5. NAME OF DRILLER	D. Raymond
6. MANUFACTURER'S DESIGNATION OF DRILL	CME 85
7. SIZES & TYPES OF DRILLING & SAMPLING EQUIPMENT	8 1/4 O.D.
8. HOLE LOCATION	North East
9. SURFACE ELEVATION (ft. NGVD)	
10. DATE STARTED	7/21/07
11. DATE COMPLETED	7/21/07
12. OVERBURDEN THICKNESS	N/A
13. DEPTH DRILLED INTO ROCK	N/A
14. TOTAL DEPTH OF HOLE	49 feet
15. DEPTH GROUNDWATER ENCOUNTERED	N/A
16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED	N/A
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)	N/A
18. GEOTECHNICAL SAMPLES	NONE
DISTURBED	N/A
UNDISTURBED	N/A
19. TOTAL NUMBER OF CORE BOXES	N/A
20. SAMPLES FOR CHEMICAL ANALYSIS	NONE
VOC	/
METALS	/
OTHER (SPECIFY)	/
OTHER (SPECIFY)	/
OTHER (SPECIFY)	/
21. TOTAL CORE REC %	/
22. DISPOSITION OF HOLE	
BACKFILLED	
MONITORING WELL	X
OTHER (SPECIFY)	
23. SIGNATURE OF INSPECTOR	B. Inl.

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	Field Screening Results d	Geotech Sample or Core Box No. e	Analytical Sample No. f	Blow Counts g	REMARKS h
	0						
	1	dry loose silty sand v.f.g.	Yellow = bkgd				logging and screening is performed on cuttings
	2						
	3						
	4						No split spoon sampling
	5						

PROJECT	HOLE NO.
HAFB - 2nd Shift ACM July 2007	RW42 MW01

Yellow bkgd = 0.3 mR/hr.

HTW DRILLING LOG

HOLE NO. MW01

PROJECT: HAFB - 2nd Shift ACM July 2007

INSPECTOR: B.W.

SHEET OF 2 SHEETS 2

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	Field Screening Results d	Geotech Sample or Core Box No. e	Analytical Sample No. f	Blow Counts g	REMARKS h
	5	SAME	Iodium = bleged				
	10	dark brown	Iodium = bleged				
	15	white gypsum crystals	Iodium = bleged				
	20	dark brown w/ silty clay w/ fine grain sand, gypsum crystals	Iodium = bleged				
	25	white gypsum crystals	Iodium = bleged				
	30	dark brown, clayey some med. gypsum crystals	Iodium = bleged				
	35	light brown → white silty sand	Iodium = bleged				
	40	dark brown silty/clayey sand	Iodium = bleged				
	45	damp wet	Iodium = bleged				
		wet - saturated					
	50	TERMINATE @ 45' bgs					

PROJECT: HAFB - 2nd Shift ACM July 2007

HOLE NO. RW42 MW01

HTW DRILLING LOG

HOLE NO. MW02

1. COMPANY NAME: Bhate Associates, Inc.	2. DRILLING CONTRACTOR: WDC
SHEET OF 1 SHEETS 2	
3. PROJECT: HAFB - 2nd Shift ACM July 2007	4. LOCATION: OT-32 / OT-37 / RW-42
5. NAME OF DRILLER: D. Raymond	6. MANUFACTURER'S DESIGNATION OF DRILL: CME 85
7. SIZES & TYPES OF DRILLING & SAMPLING EQUIPMENT: HSA: 8 1/4" OD	8. HOLE LOCATION: ~~WEST~~ SOUTH Size of enclosure; North East
	9. SURFACE ELEVATION (ft. NGVD)
	10. DATE STARTED: 7/21/07 — 11. DATE COMPLETED: 7/21/07
12. OVERBURDEN THICKNESS: N/A	15. DEPTH GROUNDWATER ENCOUNTERED: 41' bgs
13. DEPTH DRILLED INTO ROCK: N/A	16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED: 41.50 (3 hours)
14. TOTAL DEPTH OF HOLE: 49' bgs	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY): 41.53 (24 hours)

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
~~None~~ 2	–	X	2

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE REC %
None	–	–	–	–	–	

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
		X		B.M.

ELEV a	DEPTH b	DESCRIPTION OF MATERIALS c	Field Screening Results d	Geotech Sample or Core Box No. e	Analytical Sample No. f	Blow Counts g	REMARKS h
	0						
	1						
	2	dry loose light sand silty sand, v.f.g.	OVA: 2.7 indicating = bkgd				
	3						
	4						
	5						

PROJECT: HAFB - 2nd Shift ACM July 2007

HOLE NO. RW42 MW02

HTW DRILLING LOG

HOLE NO: MW02

PROJECT: HAFB - 2nd Shift ACM July 2007

INSPECTOR: BW

SHEET 2 OF 2 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	Field Screening Results d	Geotech Sample or Core Box No. e	Analytical Sample No. f	Blow Counts g	REMARKS h
	5		OVA: 2.8				
			Iodium = bkgd				
	10	Same, dark brown, dry	OVA: 2.8				
		very clayey w/ gypsum mottling	Iodium = bkgd				
	15	Same, high percentage of gypsum, mottling/layering	OVA: 6.8	RW-MW02-16 @ 1100			
			Iodium = bkgd				
	20	Same					
		loose, dry silty, dark brown	OVA: 5.0				
			Iodium = bkgd				
	25	whitish, dense					
		gypsum seam		RW42-MW02-26 @ 1120			
		dark brown, loose, dry	OVA: 5.0				
		clean white silty sand, v.f.g.	Iodium = bkgd				
	30	dark brown, clayey					
			OVA: 14.1				
		Sand seam, med grain dark brown clayey	Iodium = bkgd				
	35	white sand					
		slightly damp light brown silty sand	OVA: 17.6				
			Iodium = bkgd				
		More damp, dk brown, clayey					
	40	dark brown, silty sand ~~little~~ clayey very damp/wet					
		~~clayey~~ silty, very damp/wet					
	45	clayey damp/wet					
		Sand, saturated					
		↓					
	50	TERMINATED @ 49' bgs					

~~4166'~~ ~~4165~~ 4166' AMSL Ground surface

PROJECT: HAFB - 2nd Shift ACM July 2007

HOLE NO. RW42 MW02

bkgd = 0.3 mR/hr.

HTW DRILLING LOG

HOLE NO. MW03

1. COMPANY NAME: Bhate Associates, Inc.	2. DRILLING CONTRACTOR: WDC
SHEET OF 1 SHEETS 2	
3. PROJECT: HAFB - 2nd shift ACM July 2007	4. LOCATION: RW 42
5. NAME OF DRILLER: D. Raymond	6. MANUFACTURER'S DESIGNATION OF DRILL: CME 85
7. SIZES & TYPES OF DRILLING & SAMPLING EQUIPMENT: 8 1/4 O.D.	8. HOLE LOCATION: North East
	9. SURFACE ELEVATION (ft. NGVD)
	10. DATE STARTED: 7/21/07
	11. DATE COMPLETED: 7/21/07
12. OVERBURDEN THICKNESS: N/A	15. DEPTH GROUNDWATER ENCOUNTERED: N/A
13. DEPTH DRILLED INTO ROCK: N/A	16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED: N/A
14. TOTAL DEPTH OF HOLE: 49 feet	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY): N/A

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
None	N/A	N/A	N/A

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE REC %
None	—	—	—	—	—	—

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
		X		B. Wolfe

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	Field Screening Results d	Geotech Sample or Core Box No. e	Analytical Sample No. f	Blow Counts g	REMARKS h
	0						
	1						logging & screening using cuttings
	2	dry sandy silty material, v.f.g. light brown	Yellow-blegd				no sampling w/ split spoon
	3						
	4						
	5						

PROJECT	HOLE NO.
HAFB - 2nd shift ACM July 2007	RW42 MW01

Yellow blegd 0.3 mR/hr

HTW DRILLING LOG

HOLE NO. MW03

PROJECT: HAFB - 2nd shift ACM July 2007

INSPECTOR: B.W.

SHEET 2 OF 2 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	Field Screening Results d	Geotech Sample or Core Box No. e	Analytical Sample No. f	Blow Counts g	REMARKS h
	5	SAME	Iv dlv = bkgd				
	10	dark brn clayey silt w/ v.f.g. sand	Iv dlv = bkgd				
	15	SAME - w/ gypsum crystals	Iv dlv = bkgd				
	20	SAME	Iv dlv = bkgd				
	25	SAME w/ some white gypsum crystals	Iv dlv = bkgd				
	30	dark brn silty clay	Iv dlv = bkg				
	35	SAME some med sand	Iv dlv = bkgd				
	40	MORE silt	Iv dlv = bkgd				
	45	damp wet very wet	Iv dlv = bkgd				
	50	TERMINATE @ 49' bgs	Iv dlv = bkgd				

PROJECT: HAFB - 2nd Shift ACM July 2007

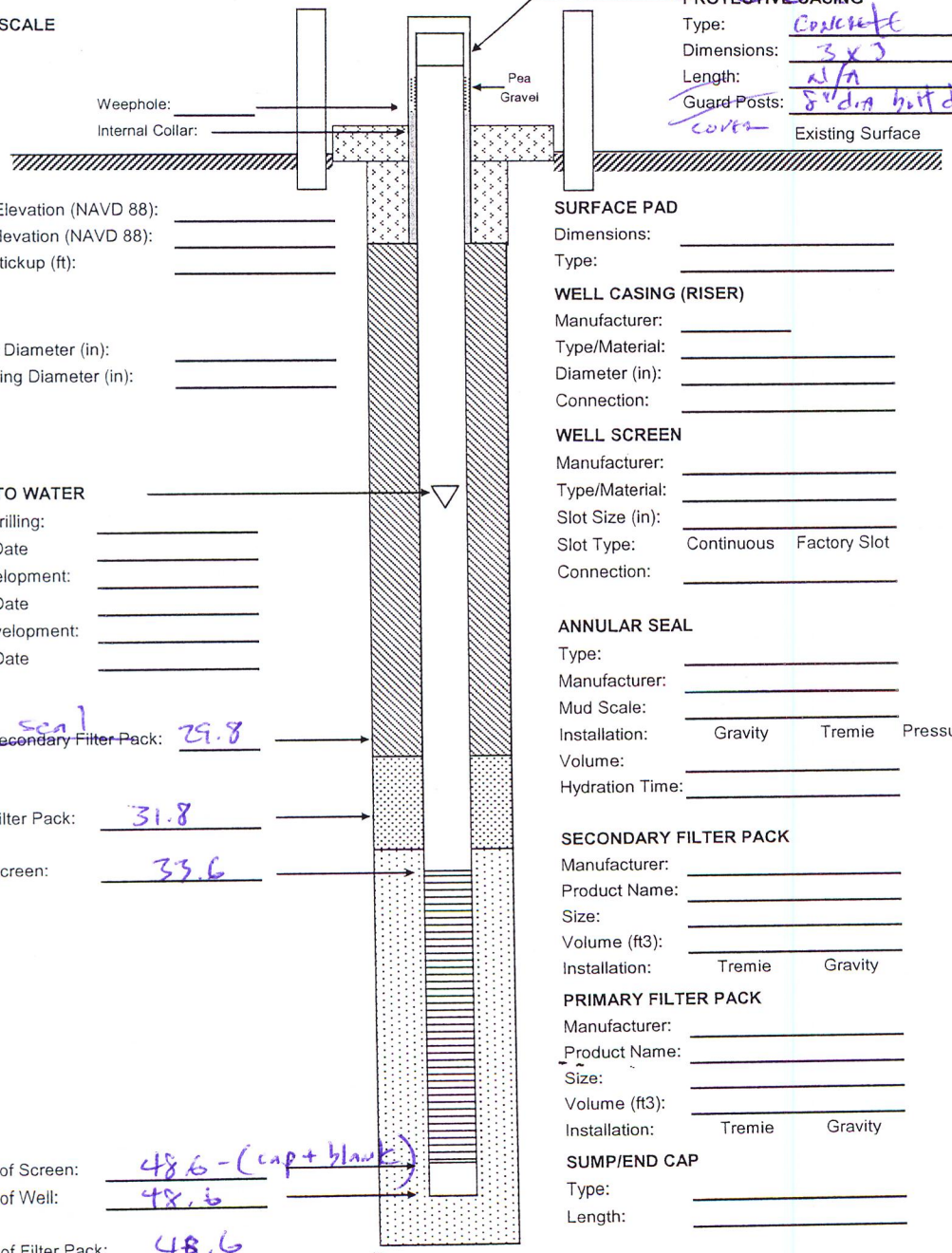
HOLE NO. RUN 42 - MW03

BHATE
Environmental Engineers and Scientists

WELL CONSTRUCTION DIAGRAM (Abovegrade)

SITE:	RW42	WELL/BORING ID:	RW42, MW01
PROJECT NAME:	HAFB-2nd Shift ACM July 2007	DRILLING METHOD:	~~HAS~~ HSA 8 1/4" OD
PROJECT NO./PHASE:	~~9040238 11.01~~ 9050361	DATE(S):	7/22/07
DRILLING CONTRACTOR:	WDC	SURVEYOR:	
DRILLER:	D. Raymond	NORTHING (NAD 83):	
GEOLOGIST / ENGINEER:	B. Wolfe	EASTING (NAD 83):	

NOT TO SCALE



PROTECTIVE CASING
Type: Concrete
Dimensions: 3x3
Length: N/A
~~Guard Posts:~~ 5" dia bolt down lid
cover

Surface Elevation (NAVD 88):
Casing Elevation (NAVD 88):
Casing Stickup (ft):

Borehole Diameter (in):
Well Casing Diameter (in):

DEPTH TO WATER
During Drilling:
Date
Pre Development:
Date
Post Development:
Date

Top of ~~Secondary Filter Pack~~ Seal: 29.8
Top of Filter Pack: 31.8
Top of Screen: 33.6
Bottom of Screen: 48.6 - (cap + blank)
Bottom of Well: 48.6
Bottom of Filter Pack: 48.6
Borehole Depth: 49.0

SURFACE PAD
Dimensions:
Type:

WELL CASING (RISER)
Manufacturer:
Type/Material:
Diameter (in):
Connection:

WELL SCREEN
Manufacturer:
Type/Material:
Slot Size (in):
Slot Type: Continuous Factory Slot
Connection:

ANNULAR SEAL
Type:
Manufacturer:
Mud Scale:
Installation: Gravity Tremie Pressure
Volume:
Hydration Time:

SECONDARY FILTER PACK
Manufacturer:
Product Name:
Size:
Volume (ft3):
Installation: Tremie Gravity

PRIMARY FILTER PACK
Manufacturer:
Product Name:
Size:
Volume (ft3):
Installation: Tremie Gravity

SUMP/END CAP
Type:
Length:

BACKFILL MATERIAL
Type:
Volume:

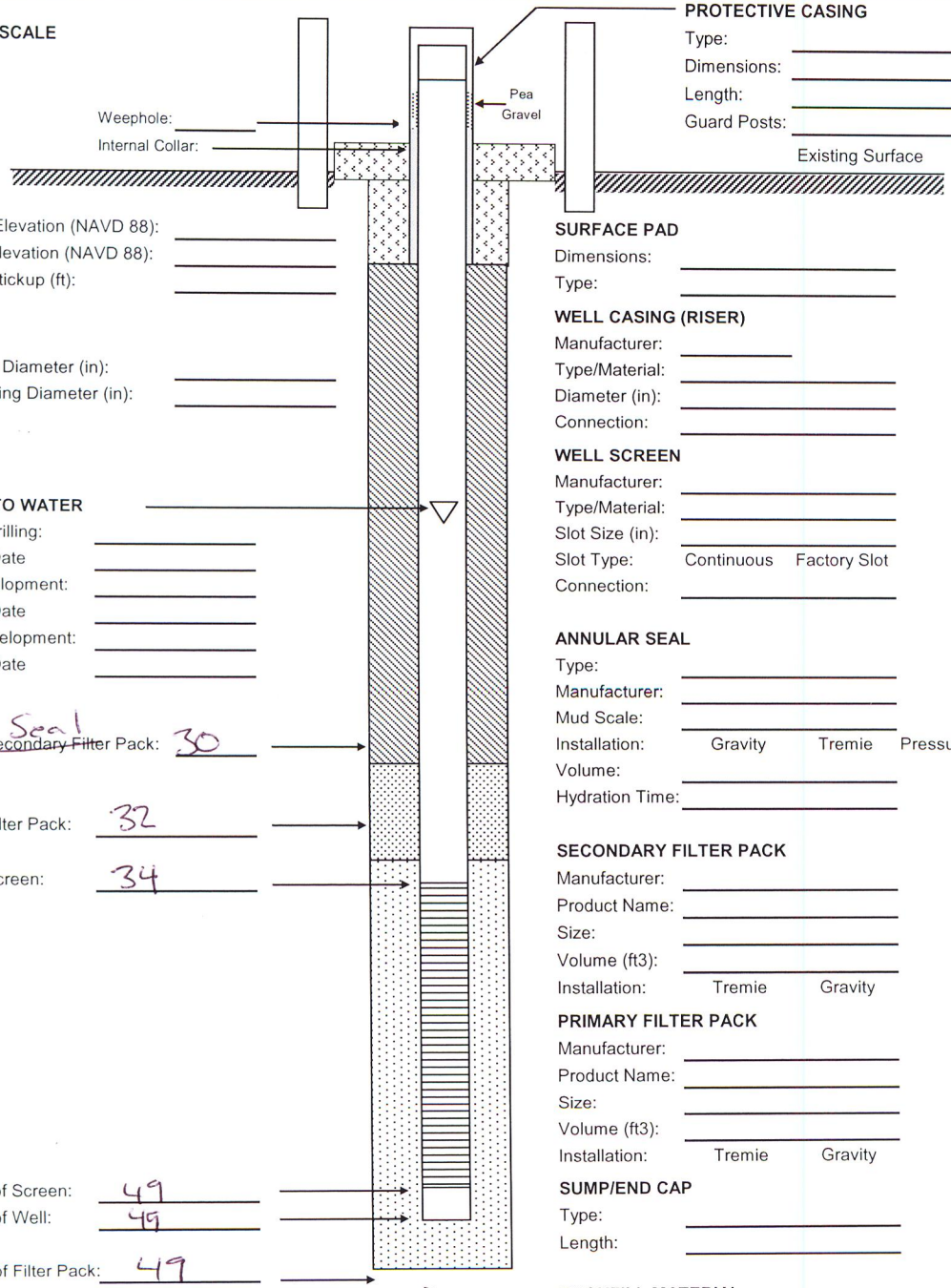
Comments:

BHATE
Environmental Engineers and Scientists

WELL CONSTRUCTION DIAGRAM (Abovegrade)

SITE:	RW-42	WELL/BORING ID:	RW-42-MW02
PROJECT NAME:	HAFB-2nd Shift ACM July 2007	DRILLING METHOD:	~~HAS~~ HSA 8'14" OD
PROJECT NO./PHASE:	9040238 11.01	DATE(S):	7/21/07
DRILLING CONTRACTOR:	WDC	SURVEYOR:	
DRILLER:	D. Raymond	NORTHING (NAD 83):	
GEOLOGIST / ENGINEER:	B. Wolfe	EASTING (NAD 83):	

NOT TO SCALE



PROTECTIVE CASING
Type:
Dimensions:
Length:
Guard Posts:

Surface Elevation (NAVD 88):
Casing Elevation (NAVD 88):
Casing Stickup (ft):

Borehole Diameter (in):
Well Casing Diameter (in):

DEPTH TO WATER
During Drilling:
Date
Pre Development:
Date
Post Development:
Date

Top of ~~Secondary Filter~~ Seal Pack: 30

Top of Filter Pack: 32

Top of Screen: 34

Bottom of Screen: 49
Bottom of Well: 49

Bottom of Filter Pack: 49

Borehole Depth: 49

SURFACE PAD
Dimensions:
Type:

WELL CASING (RISER)
Manufacturer:
Type/Material:
Diameter (in):
Connection:

WELL SCREEN
Manufacturer:
Type/Material:
Slot Size (in):
Slot Type: Continuous Factory Slot
Connection:

ANNULAR SEAL
Type:
Manufacturer:
Mud Scale:
Installation: Gravity Tremie Pressure
Volume:
Hydration Time:

SECONDARY FILTER PACK
Manufacturer:
Product Name:
Size:
Volume (ft3):
Installation: Tremie Gravity

PRIMARY FILTER PACK
Manufacturer:
Product Name:
Size:
Volume (ft3):
Installation: Tremie Gravity

SUMP/END CAP
Type:
Length:

BACKFILL MATERIAL
Type:
Volume:

Comments:

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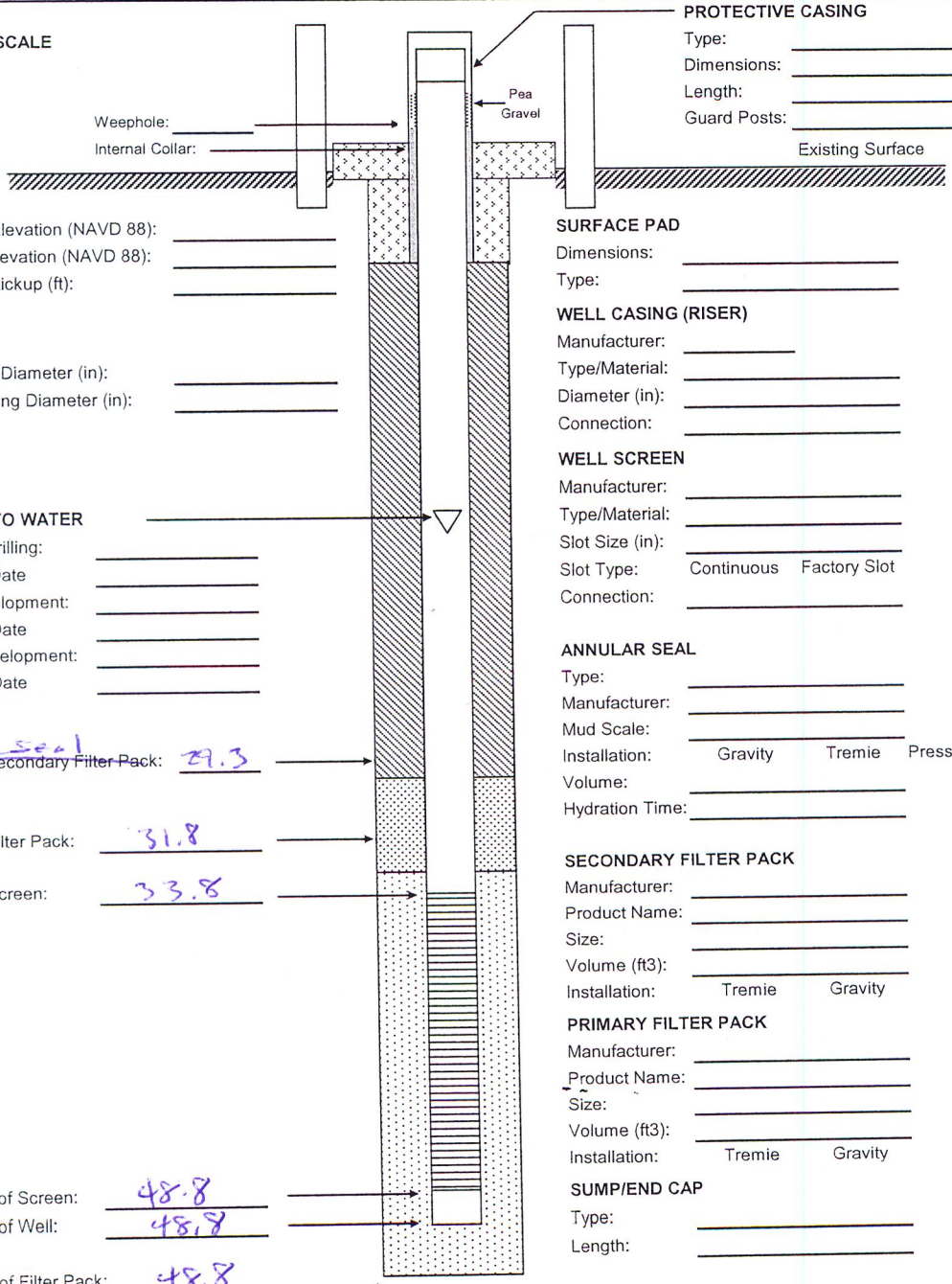
WELL CONSTRUCTION DIAGRAM (Abovegrade)

SITE:	RW42	WELL/BORING ID:	RW42-MW03
PROJECT NAME:	HAFB-2nd Shift ACM July 2007	DRILLING METHOD:	~~HAS~~ HSA 8 1/4" OD
PROJECT NO./PHASE:	~~9040238 11.01~~ 70505.1	DATE(S):	7/21/07
DRILLING CONTRACTOR:	WDC	SURVEYOR:	
DRILLER:	D. Raymond	NORTHING (NAD 83):	
GEOLOGIST / ENGINEER:	B. Wolfe	EASTING (NAD 83):	~~[illegible]~~

NOT TO SCALE



PROTECTIVE CASING
Type:
Dimensions:
Length:
Guard Posts:

Surface Elevation (NAVD 88):
Casing Elevation (NAVD 88):
Casing Stickup (ft):

Borehole Diameter (in):
Well Casing Diameter (in):

DEPTH TO WATER
During Drilling:
Date
Pre Development:
Date
Post Development:
Date

Top of ~~Secondary Filter Pack~~ Seal: 29.3

Top of Filter Pack: 31.8

Top of Screen: 33.8

Bottom of Screen: 48.8
Bottom of Well: 48.8

Bottom of Filter Pack: 48.8

Borehole Depth: 49.0

SURFACE PAD
Dimensions:
Type:

WELL CASING (RISER)
Manufacturer:
Type/Material:
Diameter (in):
Connection:

WELL SCREEN
Manufacturer:
Type/Material:
Slot Size (in):
Slot Type: Continuous Factory Slot
Connection:

ANNULAR SEAL
Type:
Manufacturer:
Mud Scale:
Installation: Gravity Tremie Pressure
Volume:
Hydration Time:

SECONDARY FILTER PACK
Manufacturer:
Product Name:
Size:
Volume (ft3):
Installation: Tremie Gravity

PRIMARY FILTER PACK
Manufacturer:
Product Name:
Size:
Volume (ft3):
Installation: Tremie Gravity

SUMP/END CAP
Type:
Length:

BACKFILL MATERIAL
Type:
Volume:

Comments:

APPENDIX C

MONITORING WELL DEVELOPMENT FORMS AND MONITORING WELL SAMPLING FORMS

Appendix C-1

OT-32 Monitoring Well Sample Collection Forms

MONITORING WELL SAMPLE COLLECTION FORM

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Page 1 of 1

LOCATION	Site:	~~SS~~ OT32	Location ID:	TMW01	Date: 7/24/07
	Project Name:	ACM - HAFB	Project No./Phase:	9050361/03.09	Recorded By: CM/DB
EQUIPMENT	Pump Type/ID#:	Monsoon	Water Quality Meter/ID#:	Horiba U22	PID Type/ID#:
	Water Level Indicator Type/ID#:	Heron	Other Equipment/ID#:	Oakton T100	Decon Method: Liquinox
	Tubing Type/Diameter (in):	3/8"	Other Equipment/ID#:		PPE Level: (D) C B A
WELL INFO	(A) Initial Depth to Water (ft BTOC):	29.75'	Casing: Type PVC	Diam. (in) 2	Weather: Overcast 85°
	(B) Total Well Depth (ft BTOC):	35.56'	(E) Casing Volume Multiplier (gal/lin ft):		Background PID (ppm):
	(C) Water Column Thickness (ft) (B-A):		Screen Length (lin ft):		Breathing Zone PID (ppm):
	(D) Well Volume (gal) (C x E):		Screen Info: Type: PVC	Size: 2	Well Opening PID (ppm):

CASING INFO											
Riseer/Well Casing Inner Diameter (in)	0.50	1.00	1.50	2.00	3.00	4.00	5.0	6.0	8.0	10
(D) Casing Volume Multiplier(gal/lin ft)	0.02	0.04	0.10	0.16	0.38	0.65	1.02	1.47	2.61	4.08

DATE (mmddyy)	TIME (24 Hr)	Water Level (BTOC)	Volume Removed (mLl)	Pumping Rate (mLpm)	Temp (C)	pH	Cond. (mS/cm)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Oxidation Reduction Potential (mV)	Remarks (odor, clarity, etc.)
072407	1000	29.75	0	400	21.2	7.31	0.54	19.99	27.4	59	Clear / No Odor
	1010		4000	400	21.2	7.24	0.50	19.99	8.07	51	" "
	1020		8000	400	21.2	7.24	0.48	19.99	5.81	50	" "

Colorimeter Results				
Time	Analyte	Dilution	Result	Units

Sample Time
1030

Sample Identification
OT32 - TMW01

Conversions	Stabilization Criteria			
1 L = 0.26 gals	Temp	+/- 0.5	DO	+/- 0.2
1 gal = 3.79 L	pH	+/- 0.1	Turb	+/- 10
	Cond	+/- 25	ORP	+/- 10

No. Containers/Volume/Type			Preserv.	Filter (Y/N)	Method	Parameter(s)
3	40 ml	VOAs	HCl	N	8260B	VOCs
2	1 L	Amber	None	N	8270C	SVOC
1	.5 L	Plastic	HNO3	Y	6010/7470	Metals
1	.5L	Plastic	None	N	160.1	TDS

MONITORING WELL SAMPLE COLLECTION FORM

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LOCATION	Site: OT32	Location ID: TMW02		Date: 7/24/07	
	Project Name: ACM	Project No./Phase: 9050361		Recorded By: CM/DB	
EQUIPMENT	Pump Type/ID#: Monsoon	Water Quality Meter/ID#: Horiba U22		PID Type/ID#:	
	Water Level Indicator Type/ID#: Heron	Other Equipment/ID#: Oakton T100		Decon Method: Liquinox	
	Tubing Type/Diameter (in): 3/8"	Other Equipment/ID#:		PPE Level: (D) C B A	
WELL INFO	(A) Initial Depth to Water (ft BTOC): 25.83	Casing: Type PVC	Diam. (in) 2	Weather: Hot 85°	
	(B) Total Well Depth (ft BTOC): 35.52	(E) Casing Volume Multiplier (gal/lin ft):		Background PID (ppm):	
	(C) Water Column Thickness (ft) (B-A):	Screen Length (lin ft):		Breathing Zone PID (ppm):	
	(D) Well Volume (gal) (C x E):	Screen Info: Type: PVC	Size: 2	Well Opening PID (ppm):	

CASING INFO										
Riseer/Well Casing Inner Diameter (in)	0.50	1.00	1.50	2.00	3.00	4.00	5.0	6.0	8.0	10
(D) Casing Volume Multiplier(gal/lin ft)	0.02	0.04	0.10	0.16	0.38	0.65	1.02	1.47	2.61	4.08

DATE (mmddyy)	TIME (24 Hr)	Water Level (BTOC)	Volume Removed (mLl)	Pumping Rate (mLpm)	Temp (C)	pH	Cond. (mS/cm)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Oxidation Reduction Potential (mV)	Remarks (odor, clarity, etc.)
072407	0910	25.83	0	500	20.7	7.71	1.3	19.99	33.7	64	Slightly Cloudy
	0920		5000	500	20.7	7.70	1.3	19.99	10.37	64	Clear / No Odor
	0930		10000	500	20.7	7.71	1.2	19.99	6.63	54	"

Colorimeter Results				
Time	Analyte	Dilution	Result	Units

Sample Time: 0940

Sample Identification: OT32-TMW02

No. Containers/Volume/Type			Preserv.	Filter (Y/N)	Method	Parameter(s)
3	40 ml	VOAs	HCl			
2	1 L	Glass Amber	-			
3	40 mL	VOAs	HCl			
2	1 L	Glass Amber	H2SO4			
1	500 mL	Plastic	-			

Conversions	Stabilization Criteria			
1 L = 0.26 gals	Temp	+/- 0.5	DO	+/- 0.2
1 gal = 3.79 L	pH	+/- 0.1	Turb	+/- 10
	Cond	+/- 25	ORP	+/- 10

MONITORING WELL SAMPLE COLLECTION FORM

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Environmental Engineers and Scientist

LOCATION	Site: OT32	Location ID: TMW03	Date: 7/24/07
	Project Name:	Project No./Phase:	Recorded By: CM/DB
EQUIPMENT	Pump Type/ID#: Monsoon	Water Quality Meter/ID#: Horiba U22	PID Type/ID#:
	Water Level Indicator Type/ID#: Heron	Other Equipment/ID#: Oakton T100	Decon Method: Liquinox
	Tubing Type/Diameter (in): 3/8"	Other Equipment/ID#:	PPE Level: (D) C B A
WELL INFO	(A) Initial Depth to Water (ft BTOC): 26.40'	Casing: Type PVC Diam. (in) 2	Weather:
	(B) Total Well Depth (ft BTOC): 35.5'	(E) Casing Volume Multiplier (gal/lin ft):	Background PID (ppm):
	(C) Water Column Thickness (ft) (B-A):	Screen Length (lin ft):	Breathing Zone PID (ppm):
	(D) Well Volume (gal) (C x E):	Screen Info: Type: PVC Size: 2	Well Opening PID (ppm):

CASING INFO											
Riseer/Well Casing Inner Diameter (in)	0.50	1.00	1.50	2.00	3.00	4.00	5.0	6.0	8.0	10
(D) Casing Volume Multiplier(gal/lin ft)	0.02	0.04	0.10	0.16	0.38	0.65	1.02	1.47	2.61	4.08

DATE (mmddyy)	TIME (24 Hr)	Water Level (BTOC)	Volume Removed (mLl)	Pumping Rate (mLpm)	Temp (C)	pH	Cond. (mS/cm)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Oxidation Reduction Potential (mV)	Remarks (odor, clarity, etc.)
072407	0805	26.40	0	400	19.9	7.66	1.9	19.59	62.0	-17	Slightly Cloudy
	0815		4000	400	19.9	7.68	1.8	17.23	21.4	-6	Clearing
	0825		6000	400	19.9	7.68	1.8	17.46	12.31	-6	Clear

Colorimeter Results				
Time	Analyte	Dilution	Result	Units

Sample Time
0830

Sample Identification
OT32-TMW03

Conversions	Stabilization Criteria			
1 L = 0.26 gals	Temp	+/- 0.5	DO	+/- 0.2
1 gal = 3.79 L	pH	+/- 0.1	Turb	+/- 10
	Cond	+/- 25	ORP	+/- 10

No. Containers/Volume/Type			Preserv.	Filter (Y/N)	Method	Parameter(s)
3	40 ml	VOAs	HCl			
2	1 L	Glass Amber	-			
3	40 mL	VOAs	HCl			
2	1 L	Glass Amber	H2SO4			
1	500 mL	Plastic	-			

MONITORING WELL SAMPLE COLLECTION FORM

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SBHATE
Environmental Engineers and Scientist

LOCATION	Site: OT 32	Location ID: OT 32 - TMW04		Date: 7-21-07	
	Project Name: Holloman	Project No./Phase: 9050361		Recorded By: D. Bern	
EQUIPMENT	Pump Type/ID#: Monsoon	Water Quality Meter/ID#: Horiba U-22		PID Type/ID#:	
	Water Level Indicator Type/ID#: Heron Insta	Other Equipment/ID#: Oakton Turbidimeter		Decon Method: DI H_2O Liquinox	
	Tubing Type/Diameter (in): Polyethylene	Other Equipment/ID#:		PPE Level: D (C) B A	
WELL INFO	(A) Initial Depth to Water (ft BTOC): 24.78	Casing: Type PVC	Diam. (in) 2	Weather: 83°	
	(B) Total Well Depth (ft BTOC): 35.49	(E) Casing Volume Multiplier (gal/lin ft): 0.16		Background PID (ppm):	
	(C) Water Column Thickness (ft) (B-A): 10.71	Screen Length (lin ft):		Breathing Zone PID (ppm):	
	(D) Well Volume (gal) (C x E): 1.7	Screen Info: Type: PVC	Size:	Well Opening PID (ppm):	

CASING INFO										
Riseer/Well Casing Inner Diameter (in)	0.50	1.00	1.50	2.00	3.00	4.00	5.0	6.0	8.0	10
(D) Casing Volume Multiplier(gal/lin ft)	0.02	0.04	0.10	0.16	0.38	0.65	1.02	1.47	2.61	4.08

DATE (mmddyy)	TIME (24 Hr)	Water Level (BTOC)	Volume Removed (mLl)	Pumping Rate (mLpm)	Temp (C)	pH	Cond. (mS/cm)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Oxidation Reduction Potential (mV)	Remarks (odor, clarity, etc.)
7-21-07	1110	24.78	Initial	400	22.83	7.43	2.0	3.1	726	80	Turbid, no odor
	1115	24.91	2000		22.38	7.44	2.0	2.1	127	47	" " "
	1120	24.92	4000		22.26	7.45	2.0	2.0	50	46	Cloudy, no odor
	1125	24.93	6000		22.49	7.43	2.0	2.1	30	48	Clear, no odor
	1130	24.93	8000		22.66	7.44	2.0	2.0	22	46	" " "
	1135	24.93	10,000		22.60	7.45	2.0	2.0	19	48	" " "

Colorimeter Results

Time	Analyte	Dilution	Result	Units

Sample Time: 1138

Sample Identification: OT32 - TMW04

No. Containers/Volume/Type			Preserv.	Filter (Y/N)	Method	Parameter(s)
3	40 ml	VOAs	HCl	N	8260B	VOCs
~~2~~ 2	1 L	Glass Amber	-	N	8270C	SVOC
~~3~~	~~40 mL~~	~~VOAs~~	~~HCl~~			
~~2~~	~~1 L~~	~~Glass Amber~~	~~H2SO4~~			
1	500 mL	Plastic	-	N	160.1	TDS
1	500mL	Plastic	HNO3	Y	6010B/7470A	TAL Metals
1	1L	Plastic	—	N	906.0M	Tritium

Conversions	Stabilization Criteria			
1 L = 0.26 gals	Temp	+/- 0.5	DO	+/- 0.2
1 gal = 3.79 L	pH	+/- 0.1	Turb	+/- 10
	Cond	+/- 25	ORP	+/- 10

MONITORING WELL SAMPLE COLLECTION FORM

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Environmental Engineers and Scientist

LOCATION	Site: OT32	Location ID: OT32-TMW-05	Date: 7-21-07
	Project Name: Holloman	Project No./Phase: 9050361	Recorded By: D. Berry
EQUIPMENT	Pump Type/ID#: Monsoon	Water Quality Meter/ID#: Horiba U-22	PID Type/ID#:
	Water Level Indicator Type/ID#: Heron Inst.	Other Equipment/ID#: Oakton Turbidimeter	Decon Method: DI H_2O + Liquinox
	Tubing Type/Diameter (in): Polyethylene	Other Equipment/ID#:	PPE Level: D (C) B A
WELL INFO	(A) Initial Depth to Water (ft BTOC): 24.83	Casing: Type PVC Diam. (in) 2	Weather: 77°
	(B) Total Well Depth (ft BTOC): 35.52	(E) Casing Volume Multiplier (gal/lin ft): 0.16	Background PID (ppm):
	(C) Water Column Thickness (ft) (B-A): 10.69	Screen Length (lin ft):	Breathing Zone PID (ppm):
	(D) Well Volume (gal) (C x E): 1.7	Screen Info: Type: PVC Size:	Well Opening PID (ppm):

CASING INFO										
Riseer/Well Casing Inner Diameter (in)	0.50	1.00	1.50	(2.00)	3.00	4.00	5.0	6.0	8.0	10
(D) Casing Volume Multiplier(gal/lin ft)	0.02	0.04	0.10	0.16	0.38	0.65	1.02	1.47	2.61	4.08

DATE (mmddyy)	TIME (24 Hr)	Water Level (BTOC)	Volume Removed (mLl)	Pumping Rate (mLpm)	Temp (C)	pH	Cond. (mS/cm)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Oxidation Reduction Potential (mV)	Remarks (odor, clarity, etc.)
7-21-07	0840	24.83	Initial	400	21.87	6.97	0.44	2.0	30	54	Clear, no odor
	0845	25.38	2000		21.94	6.97	0.44	1.7	11	55	" " "
	0850	25.40	4000		22.04	7.00	0.44	1.9	9	63	" " "
	0855	25.40	6000		22.06	7.01	0.44	1.9	8	64	" " "
	0900	25.40	8000		22.16	7.08	0.44	1.8	6	62	" " "
	0905	25.41	10,000		22.50	7.09	0.44	1.8	4	64	" " "

Colorimeter Results

Time	Analyte	Dilution	Result	Units

Sample Time: 0908

Sample Identification: OT32-TMW05

No. Containers/Volume/Type			Preserv.	Filter (Y/N)	Method	Parameter(s)
3	40 ml	VOAs	HCl	N	8260B	VOCs
~~2~~ 1	1 L	Glass Amber	-	N	8270C	SVOCs
~~3~~	~~40 mL~~	~~VOAs~~	~~HCl~~			
~~2~~	~~1 L~~	~~Glass Amber~~	~~H2SO4~~			
1	500 mL	Plastic	-	N	160.1	TDS
1	500 mL	Plastic	HNO_3	Y	6010B/7470A	~~RCRA~~ Metals TAL
1	1L	Plastic	—	N	906.0M	Tritium

Conversions	Stabilization Criteria			
1 L = 0.26 gals	Temp	+/- 0.5	DO	+/- 0.2
1 gal = 3.79 L	pH	+/- 0.1	Turb	+/- 10
	Cond	+/- 25	ORP	+/- 10

MONITORING WELL SAMPLE COLLECTION FORM

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BHATE
Environmental Engineers and Scientist

LOCATION	Site: OT32	Location ID: OT32-TMW05-a	Date: 7-21-07
	Project Name: Holloman	Project No./Phase: 9050361	Recorded By: DBorn
EQUIPMENT	Pump Type/ID#:	Water Quality Meter/ID#:	PID Type/ID#:
	Water Level Indicator Type/ID#:	Other Equipment/ID#:	Decon Method:
	Tubing Type/Diameter (in):	Other Equipment/ID#:	PPE Level: D C B A
WELL INFO	(A) Initial Depth to Water (ft BTOC):	Casing: Type Diam. (in)	Weather:
	(B) Total Well Depth (ft BTOC):	(E) Casing Volume Multiplier (gal/lin ft):	Background PID (ppm):
	(C) Water Column Thickness (ft) (B-A):	Screen Length (lin ft):	Breathing Zone PID (ppm):
	(D) Well Volume (gal) (C x E):	Screen Info: Type: Size:	Well Opening PID (ppm):

CASING INFO										
Riseer/Well Casing Inner Diameter (in)	0.50	1.00	1.50	2.00	3.00	4.00	5.0	6.0	8.0	10
(D) Casing Volume Multiplier(gal/lin ft)	0.02	0.04	0.10	0.16	0.38	0.65	1.02	1.47	2.61	4.08

DATE (mmddyy)	TIME (24 Hr)	Water Level (BTOC)	Volume Removed (mLl)	Pumping Rate (mLpm)	Temp (C)	pH	Cond. (mS/cm)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Oxidation Reduction Potential (mV)	Remarks (odor, clarity, etc.)
7-21-07											

Colorimeter Results

Time	Analyte	Dilution	Result	Units

Sample Time: 0908

Sample Identification: OT32-TMW05-a

Conversions	Stabilization Criteria			
1 L = 0.26 gals	Temp	+/- 0.5	DO	+/- 0.2
1 gal = 3.79 L	pH	+/- 0.1	Turb	+/- 10
	Cond	+/- 25	ORP	+/- 10

No. Containers/Volume/Type			Preserv.	Filter (Y/N)	Method	Parameter(s)
3	40 ml	VOAs	HCl	N	8260B	VOCs
~~2~~ 1	1 L	Glass Amber	-	N	8270C	SVOCs
~~3~~	~~40 mL~~	~~VOAs~~	~~HCl~~			
~~2~~	~~1 L~~	~~Glass Amber~~	~~H2SO4~~			
1	500 mL	Plastic	-	N	160.1	TDS
1	500mL	Plastic	HNO3	Y	6010B/7470A	TAL Metal
1	1L	Plastic	—	N	906.0M	Tritium

MONITORING WELL SAMPLE COLLECTION FORM

LBHATE
Environmental Engineers and Scientist

LOCATION	Site: OT32	Location ID: TMW06	Date: 7/21/07
	Project Name: ACM	Project No./Phase:	Recorded By:
EQUIPMENT	Pump Type/ID#: Monsoon	Water Quality Meter/ID#: Horiba U22	PID Type/ID#:
	Water Level Indicator Type/ID#: Heron	Other Equipment/ID#: Oakton T100	Decon Method: Liquinox
	Tubing Type/Diameter (in): 3/8"	Other Equipment/ID#:	PPE Level: D C B A
WELL INFO	(A) Initial Depth to Water (ft BTOC): 25.45	Casing: Type PVC Diam. (in) 2	Weather: Clear 80
	(B) Total Well Depth (ft BTOC): 35.5	(E) Casing Volume Multiplier (gal/lin ft):	Background PID (ppm):
	(C) Water Column Thickness (ft) (B-A):	Screen Length (lin ft):	Breathing Zone PID (ppm):
	(D) Well Volume (gal) (C x E):	Screen Info: Type: PVC Size: 2	Well Opening PID (ppm):

CASING INFO										
Riseer/Well Casing Inner Diameter (in)	0.50	1.00	1.50	2.00	3.00	4.00	5.0	6.0	8.0	10
(D) Casing Volume Multiplier(gal/lin ft)	0.02	0.04	0.10	0.16	0.38	0.65	1.02	1.47	2.61	4.08

DATE (mmddyy)	TIME (24 Hr)	Water Level (BTOC)	Volume Removed (mLl)	Pumping Rate (mLpm)	Temp (C)	pH	Cond. (mS/cm)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Oxidation Reduction Potential (mV)	Remarks (odor, clarity, etc.)
072107	0842	25.45	0	500	20.6	7.58	2.0	9.44	8.35	13	Clear/No Odor
	0852		5000	500	20.6	7.58	2.0	9.39	6.30	10	" "
	0902		1000	500	20.6	7.58	2.0	9.37	4.87	6	" "

Colorimeter Results

Time	Analyte	Dilution	Result	Units

Sample Time
0910

Sample Identification
OT32-TMW06, -a, MS, MSD

No. Containers/Volume/Type			Preserv.	Filter (Y/N)	Method	Parameter(s)
3	40 ml	VOAs	HCl			
2	1 L	Glass Amber	-			
3	40 mL	VOAs	HCl			
2	1 L	Glass Amber	H2SO4			
1	500 mL	Plastic	-			

Conversions	Stabilization Criteria			
1 L = 0.26 gals	Temp	+/- 0.5	DO	+/- 0.2
1 gal = 3.79 L	pH	+/- 0.1	Turb	+/- 10
	Cond	+/- 25	ORP	+/- 10

MONITORING WELL SAMPLE COLLECTION FORM

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Page 1 of

LOCATION	Site: OT32	Location ID: TMW07		Date: 7/20/07	
	Project Name: ACM	Project No./Phase: 9050561		Recorded By: CM	
EQUIPMENT	Pump Type/ID#: Monsoon	Water Quality Meter/ID#: Horiba U22		PID Type/ID#:	
	Water Level Indicator Type/ID#: Heron	Other Equipment/ID#: Oakton T100		Decon Method: Liquinox	
	Tubing Type/Diameter (in): 3/8"	Other Equipment/ID#:		PPE Level: (D) C B A	
WELL INFO	(A) Initial Depth to Water (ft BTOC): 25	Casing: Type PVC	Diam. (in) 2	Weather: Overcast 95°	
	(B) Total Well Depth (ft BTOC): 35.52	(E) Casing Volume Multiplier (gal/lin ft):		Background PID (ppm):	
	(C) Water Column Thickness (ft) (B-A):	Screen Length (lin ft):		Breathing Zone PID (ppm):	
	(D) Well Volume (gal) (C x E):	Screen Info: Type: PVC	Size: Slotted	Well Opening PID (ppm):	

CASING INFO											
Riseer/Well Casing Inner Diameter (in)	0.50	1.00	1.50	2.00	3.00	4.00	5.0	6.0	8.0	10
(D) Casing Volume Multiplier(gal/lin ft)	0.02	0.04	0.10	0.16	0.38	0.65	1.02	1.47	2.61	4.08

DATE (mmddyy)	TIME (24 Hr)	Water Level (BTOC)	Volume Removed (mLl)	Pumping Rate (mLpm)	Temp (C)	pH	Cond. (mS/cm)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Oxidation Reduction Potential (mV)	Remarks (odor, clarity, etc.)
072007	1525	25 -	0	250	20.4	7.55	1.9	7.56	5.47	-23	Clear/No Odor
	1535		2500	250	20.3	7.54	1.9	7.42	3.29	-12	" "
	1545		5000	250	20.3	7.53	1.9	7.41	2.27	-10	" "
	1560										

Colorimeter Results				
Time	Analyte	Dilution	Result	Units

Sample Time
1550

Sample Identification
OT32-TMW07

Conversions	Stabilization Criteria			
1 L = 0.26 gals	Temp	+/- 0.5	DO	+/- 0.2
1 gal = 3.79 L	pH	+/- 0.1	Turb	+/- 10
	Cond	+/- 25	ORP	+/- 10

No. Containers/Volume/Type			Preserv.	Filter (Y/N)	Method	Parameter(s)
3	40 ml	VOAs	HCl			
2	1 L	Glass Amber	-			
3	40 mL	VOAs	HCl			
2	1 L	Glass Amber	H2SO4			
1	500 mL	Plastic	-			

NNDAQ7

MONITORING WELL SAMPLE COLLECTION FORM

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EBHATE
Environmental Engineers and Scientist

LOCATION	Site: OT 32	Location ID: OT 32 - TMW08		Date: 7-20-07	
	Project Name: Holloman	Project No./Phase: 905 0361		Recorded By: D. Berry	
EQUIPMENT	Pump Type/ID#: Monsoon	Water Quality Meter/ID#: Horiba U-22		PID Type/ID#:	
	Water Level Indicator Type/ID#: Heron Instr.	Other Equipment/ID#: Oakton Turbidimet		Decon Method: DI H_2O + Liquinox	
	Tubing Type/Diameter (in): Polyethylene	Other Equipment/ID#:		PPE Level: D C B A	
WELL INFO	(A) Initial Depth to Water (ft BTOC): 25.36	Casing: Type PVC	Diam. (in) ~~0.16~~ 2	Weather: 86°	
	(B) Total Well Depth (ft BTOC): 35.53	(E) Casing Volume Multiplier (gal/lin ft): 0.16		Background PID (ppm):	
	(C) Water Column Thickness (ft) (B-A): 10.17	Screen Length (lin ft):		Breathing Zone PID (ppm):	
	(D) Well Volume (gal) (C x E): 1.6	Screen Info: Type: PVC	Size:	Well Opening PID (ppm):	

CASING INFO										
Riseer/Well Casing Inner Diameter (in)	0.50	1.00	1.50	2.00	3.00	4.00	5.0	6.0	8.0	10
(D) Casing Volume Multiplier(gal/lin ft)	0.02	0.04	0.10	0.16	0.38	0.65	1.02	1.47	2.61	4.08

DATE (mmddyy)	TIME (24 Hr)	Water Level (BTOC)	Volume Removed (mLl)	Pumping Rate (mLpm)	Temp (C)	pH	Cond. (mS/cm)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Oxidation Reduction Potential (mV)	Remarks (odor, clarity, etc.)
7-20-07	1450	25.36	Initial	400	22.07	7.67	2.1	8.0	42	117	Clear, no odor
	1455	26.41	2000		22.06	7.61	2.0	6.8	19	111	" " "
	1500	27.23	4000		21.80	7.65	2.0	6.6	10	104	" " "
	1505	27.38	6000		22.17	7.67	2.0	6.6	8	102	" " "
	1510	27.44	8000		22.20	7.67	2.1	6.6	7	102	" " "
	1515	27.51	10,000		22.40	7.67	2.1	6.5	5	102	" " "

Colorimeter Results

Time	Analyte	Dilution	Result	Units

Sample Time: OT32 - TMW08

Sample Identification: 1517

No. Containers/Volume/Type			Preserv.	Filter (Y/N)	Method	Parameter(s)
3	40 ml	VOAs	HCl	N	8260B	VOCs
~~2~~ 1	1 L	Glass Amber	-	N	8270C	SVOCs
~~3~~	~~40 mL~~	~~VOAs~~	~~HCl~~			
~~2~~	~~1 L~~	~~Glass Amber~~	~~H2SO4~~			
1	500 mL	Plastic	-	N	160.1	TDS
1	500 mL	Plastic	HNO_3	Y 6010B/7470A	~~RCRA~~ Metals (TAL)	
1	1L	Plastic	—	N 906.0M	Tritium	

Conversions	Stabilization Criteria			
1 L = 0.26 gals	Temp	+/- 0.5	DO	+/- 0.2
1 gal = 3.79 L	pH	+/- 0.1	Turb	+/- 10
	Cond	+/- 25	ORP	+/- 10

MONITORING WELL SAMPLE COLLECTION FORM

SBHATE
Environmental Engineers and Scientist

LOCATION	Site: Holloman	Location ID: OT 32 - TMW09	Date: 7-20-07
	Project Name: OT 32	Project No./Phase: 9050361	Recorded By: D. Berry
EQUIPMENT	Pump Type/ID#: Geo ~~Pump~~ Squirt	Water Quality Meter/ID#: Horiba U-22	PID Type/ID#:
	Water Level Indicator Type/ID#: Heron Instr.	Other Equipment/ID#: Oakton Turbidimeter	Decon Method: DI H_2O + Liquinox
	Tubing Type/Diameter (in): Polyethylene	Other Equipment/ID#:	PPE Level: D C B A
WELL INFO	(A) Initial Depth to Water (ft BTOC): 27.04	Casing: Type PVC Diam. (in) 2	Weather: 86°
	(B) Total Well Depth (ft BTOC): 35.64	(E) Casing Volume Multiplier (gal/lin ft): 0.16	Background PID (ppm):
	(C) Water Column Thickness (ft) (B-A): 8.6	Screen Length (lin ft):	Breathing Zone PID (ppm):
	(D) Well Volume (gal) (C x E): 1.4	Screen Info: Type: PVC Size:	Well Opening PID (ppm):

CASING INFO										
Riseer/Well Casing Inner Diameter (in)	0.50	1.00	1.50	2.00	3.00	4.00	5.0	6.0	8.0	10
(D) Casing Volume Multiplier(gal/lin ft)	0.02	0.04	0.10	0.16	0.38	0.65	1.02	1.47	2.61	4.08

DATE (mmddyy)	TIME (24 Hr)	Water Level (BTOC)	Volume Removed (mLl)	Pumping Rate (mLpm)	Temp (C)	pH	Cond. (mS/cm)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Oxidation Reduction Potential (mV)	Remarks (odor, clarity, etc.)
7-20-07	1035	27.04	Initial	200	20.32	7.20	1.9	4.1	549	8	Turbid, no odor
	1045	28.91	2000		20.1	7.17	1.9	2.7	841	-3	" " "
	1055	29.12	4000		20.22	7.20	1.9	3.0	737	5	" " "
	1105	29.20	6000		20.23	7.21	1.9	3.0	578	8	" " "
	1115	29.28	8000		20.22	7.22	1.9	2.9	435	12	" " "
	1125	29.35	10,000		20.21	7.23	1.9	2.7	316	10	" " "

Colorimeter Results

Time	Analyte	Dilution	Result	Units

Sample Time: 1127

Sample Identification: OT32-TMW09

Conversions	Stabilization Criteria			
1 L = 0.26 gals	Temp	+/- 0.5	DO	+/- 0.2
1 gal = 3.79 L	pH	+/- 0.1	Turb	+/- 10
	Cond	+/- 25	ORP	+/- 10

No. Containers/Volume/Type			Preserv.	Filter (Y/N)	Method	Parameter(s)
3	40 ml	VOAs	HCl	N	8260B	VOCs
~~2~~ 1	1 L	Glass Amber	-	N	8270C	SVOCs
~~3~~	~~40 mL~~	~~VOAs~~	~~HCl~~			
~~2~~	~~1 L~~	~~Glass Amber~~	~~H2SO4~~			
1	500 mL	Plastic	-	N	160.1	TDS
1	500mL	Plastic	HNO3	Y	6010B/7470A	~~RCRA~~ Metals TAL
1	1L	Plastic	—	N	906.0M	Tritium

MONITORING WELL SAMPLE COLLECTION FORM

SBHATE
Environmental Engineers and Scientist

LOCATION	Site: OT32	Location ID: TMW10	Date: 7/20/07
	Project Name: ACM	Project No./Phase:	Recorded By: CM
EQUIPMENT	Pump Type/ID#: Monsoon	Water Quality Meter/ID#: Horiba U22	PID Type/ID#:
	Water Level Indicator Type/ID#: Heron	Other Equipment/ID#: Oakton Turbidity	Decon Method: Liquinox
	Tubing Type/Diameter (in): 3/8"	Other Equipment/ID#:	PPE Level: D C B A
WELL INFO	(A) Initial Depth to Water (ft BTOC): 26.80	Casing: Type PVC Diam. (in) 2	Weather: Hot 90°
	(B) Total Well Depth (ft BTOC): 35.50	(E) Casing Volume Multiplier (gal/lin ft):	Background PID (ppm):
	(C) Water Column Thickness (ft) (B-A):	Screen Length (lin ft):	Breathing Zone PID (ppm):
	(D) Well Volume (gal) (C x E):	Screen Info: Type: PVC Size:	Well Opening PID (ppm):

CASING INFO										
Riseer/Well Casing Inner Diameter (in)	0.50	1.00	1.50	2.00	3.00	4.00	5.0	6.0	8.0	10
(D) Casing Volume Multiplier(gal/lin ft)	0.02	0.04	0.10	0.16	0.38	0.65	1.02	1.47	2.61	4.08

DATE (mmddyy)	TIME (24 Hr)	Water Level (BTOC)	Volume Removed (mLl)	Pumping Rate (mLpm)	Temp (C)	pH	Cond. (mS/cm)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Oxidation Reduction Potential (mV)	Remarks (odor, clarity, etc.)
072007	1035	26.80	0	300	21.7	7.54	2.1	3.09	37.9	13	Clear / No odor
	1045		3000	300	21.6	7.59	2.2	2.07	18.48	8	" "
	1055		6000	300	21.7	7.57	2.2	2.17	9.96	15	

Colorimeter Results

Time	Analyte	Dilution	Result	Units

Sample Time
1100

Sample Identification
OT32-TMW10

No. Containers/Volume/Type			Preserv.	Filter (Y/N)	Method	Parameter(s)
3	40 ml	VOAs	HCl			
2	1 L	Glass Amber	-			
3	40 mL	VOAs	HCl			
2	1 L	Glass Amber	H2SO4			
1	500 mL	Plastic	-			

Conversions	Stabilization Criteria			
1 L = 0.26 gals	Temp	+/- 0.5	DO	+/- 0.2
1 gal = 3.79 L	pH	+/- 0.1	Turb	+/- 10
	Cond	+/- 25	ORP	+/- 10

MONITORING WELL SAMPLE COLLECTION FORM

HBHATE
Environmental Engineers and Scientist

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LOCATION	Site: OT32	Location ID: OT32-TMW11		Date: 7-20-07	
	Project Name: Holloman	Project No./Phase: 9050361		Recorded By: D. Berry	
EQUIPMENT	Pump Type/ID#: Geo-~~Pump~~ Squid	Water Quality Meter/ID#: Horiba U-22		PID Type/ID#:	
	Water Level Indicator Type/ID#: Heron Instru.	Other Equipment/ID#: Oakton Turbidimeter		Decon Method: DI H_2O + Liquinox	
	Tubing Type/Diameter (in): Polyethylene	Other Equipment/ID#:		PPE Level: D (C) B A	
WELL INFO	(A) Initial Depth to Water (ft BTOC): 26.42	Casing: Type PVC	Diam. (in) 2	Weather: 74°	
	(B) Total Well Depth (ft BTOC): 35.22	(E) Casing Volume Multiplier (gal/lin ft): 0.16		Background PID (ppm):	
	(C) Water Column Thickness (ft) (B-A): 8.8	Screen Length (lin ft):		Breathing Zone PID (ppm):	
	(D) Well Volume (gal) (C x E): 1.41	Screen Info: Type: PVC	Size:	Well Opening PID (ppm):	

CASING INFO										
Riseer/Well Casing Inner Diameter (in)	0.50	1.00	1.50	(2.00)	3.00	4.00	5.0	6.0	8.0	10
(D) Casing Volume Multiplier(gal/lin ft)	0.02	0.04	0.10	0.16	0.38	0.65	1.02	1.47	2.61	4.08

DATE (mmddyy)	TIME (24 Hr)	Water Level (BTOC)	Volume Removed (mLl)	Pumping Rate (mLpm)	Temp (C)	pH	Cond. (mS/cm)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Oxidation Reduction Potential (mV)	Remarks (odor, clarity, etc.)
7-20-07	0810	26.42	Initial	200	20.39	8.16	1.6	6.3	999	6	Turbid, no odor
	0820	27.85	2000		20.03	7.62	1.6	5.6	798	19	" " "
	0830	28.03	4000		19.98	7.66	1.6	5.3	392	25	" " "
	0840	28.06	6000		19.93	7.73	1.6	5.1	79	25	Cloudy, no odor
	0850	28.10	8000		19.91	7.73	1.6	4.9	37	27	Clear, no odor
	0900	28.15	10,000		19.94	7.71	1.6	4.6	26	34	

Colorimeter Results

Time	Analyte	Dilution	Result	Units

Sample Time: 0922

Sample Identification: OT32-TMW11

Conversions	Stabilization Criteria			
1 L = 0.26 gals	Temp	+/- 0.5	DO	+/- 0.2
1 gal = 3.79 L	pH	+/- 0.1	Turb	+/- 10
	Cond	+/- 25	ORP	+/- 10

No. Containers/Volume/Type			Preserv.	Filter (Y/N)	Method	Parameter(s)
3	40 ml	VOAs	HCl	N	8260B	VOCs
~~2~~ 1	1 L	Glass Amber	-	N	8270C	SVOCs
~~3~~	~~40 mL~~	~~VOAs~~	~~HCl~~			
~~2~~	~~1 L~~	~~Glass Amber~~	~~H2SO4~~			
1	500 mL	Plastic	-	N	160.1	TDS
1	500mL	Plastic	HNO_3	Y	6010B/7470A	Metals - RCRA
1	1L	Plastic	—	N	906.0M	~~Titanium~~ Tritium

MONITORING WELL SAMPLE COLLECTION FORM

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LOCATION			
Site: OT 37	Location ID: OT 37-TMW11	Date: 7-20-07	
Project Name: Holloman	Project No./Phase: 9050361	Recorded By: D. Berry	

DATE (mmddyy)	TIME (24 Hr)	Water Level (BTOC)	Volume Removed (mL)	Pumping Rate (mLpm)	Temp (C)	pH	Cond. (mS/cm)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Oxidation Reduction Potential (mV)	Remarks (odor, clarity, etc.)
7-20-07	0910	28.37	12,000	200	19.93	7.70	1.6	4.3	19	30	Clear, no odor
↓	0920	28.45	14,000		19.95	7.66	1.6	4.1	26	36	" " "

MONITORING WELL SAMPLE COLLECTION FORM

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LOCATION	Site: OT 32	Location ID: OT 32 – TMW 12		Date: 7-19-07	
	Project Name: Holloman	Project No./Phase: ~~906~~ 9050361		Recorded By: D. Berry	
EQUIPMENT	Pump Type/ID#: Geo-Pump	Water Quality Meter/ID#: Horiba U-22		PID Type/ID#:	
	Water Level Indicator Type/ID#: Heron Intra.	Other Equipment/ID#: Oakton Turbidimeter		Decon Method: DI H_2O + Liquinox	
	Tubing Type/Diameter (in): Polyethylene	Other Equipment/ID#:		PPE Level: D C B A	
WELL INFO	(A) Initial Depth to Water (ft BTOC): 26.81	Casing: Type	Diam. (in)	Weather: 840	
	(B) Total Well Depth (ft BTOC): 35.53	(E) Casing Volume Multiplier (gal/lin ft):		Background PID (ppm):	
	(C) Water Column Thickness (ft) (B-A): 8.72	Screen Length (lin ft):		Breathing Zone PID (ppm):	
	(D) Well Volume (gal) (C x E): 1.4	Screen Info: Type:	Size:	Well Opening PID (ppm):	

CASING INFO											
Riseer/Well Casing Inner Diameter (in)	0.50	1.00	1.50	2.00	3.00	4.00	5.0	6.0	8.0	10
(D) Casing Volume Multiplier(gal/lin ft)	0.02	0.04	0.10	0.16	0.38	0.65	1.02	1.47	2.61	4.08

DATE (mmddyy)	TIME (24 Hr)	Water Level (BTOC)	Volume Removed (mLl)	Pumping Rate (mLpm)	Temp (C)	pH	Cond. (mS/cm)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Oxidation Reduction Potential (mV)	Remarks (odor, clarity, etc.)
7-19-07	1435	26.81	Initial	300	22.72	7.69	1.6	5.91	284	96	Turbid, no odor
	1445	26.95	3000		21.83	7.53	1.5	7.62	226	45	" " "
	1455	27.02	6000		21.95	7.54	1.5	7.18	220	-1	" " "
	1505	27.14	9000		21.71	7.58	1.6	8.40	182	82	" " "
	1515	27.20	12,000		20.65	7.44	1.6	6.7	174	81	Cloudy, no odor
	1525	27.22	15,000		20.56	7.41	1.5	5.6	163	78	" " "

Colorimeter Results				
Time	Analyte	Dilution	Result	Units

Sample Time
1537

Sample Identification
OT32-TMW12

Conversions	Stabilization Criteria			
1 L = 0.26 gals	Temp	+/- 0.5	DO	+/- 0.2
1 gal = 3.79 L	pH	+/- 0.1	Turb	+/- 10
	Cond	+/- 25	ORP	+/- 10

No. Containers/Volume/Type			Preserv.	Filter (Y/N)	Method	Parameter(s)
3	40 ml	VOAs	HCl			VOCs
~~2~~ 1	1 L	Glass Amber	-			SVOCs
~~3~~	~~40 mL~~	~~VOAs~~	~~HCl~~			~~X~~
~~2~~	~~1 L~~	~~Glass Amber~~	~~H2SO4~~			~~X~~
1	500 mL	Plastic	-			TDS
1	500 mL	Plastic	HNO_3			Metals
1	1 L	Plastic	None			~~Titanium~~ Tritium

MONITORING WELL SAMPLE COLLECTION FORM

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LOCATION			
Site: OT 32	Location ID: OT 32-TMW12	Date: 7-19-07	
Project Name: Holloman	Project No./Phase: 9050361	Recorded By: D. Berry	

DATE (mmddyy)	TIME (24 Hr)	Water Level (BTOC)	Volume Removed (mL)	Pumping Rate (mLpm)	Temp (C)	pH	Cond. (mS/cm)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Oxidation Reduction Potential (mV)	Remarks (odor, clarity, etc.)
7-19-07	1535	27.35	18,000	300	20.50	7.40	1.5	5.5	144	73	Cloudy, no odor

Appendix C-2

RW-42 Monitoring Well Development Forms & Monitoring Well Sample Collection Forms

MONITORING WELL DEVELOPMENT FORM

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LOCATION	Site: HAFB OT-32 / OT-37 / RW-42	Location ID: RW 42 -MW01	Date: 7-23-07
	Project Name: 2nd Shift ACM-July 2007	Project No./Phase: 9050361.00	Recorded By: D. Berry
EQUIPMENT	Pump Type/ID#: Geo-Squirt	Water Quality Meter/ID#: Horiba U-22	PID Type/ID#:
	Water Level Indicator Type/ID#: Heron Inst.	Other Equipment/ID#: Oakton Turbidimeter	Decon Method: DI H2O Liquinox
	Tubing Type/Diameter (in): Polyethylene	Other Equipment/ID#:	PPE Level: D (C) B A
WELL INFO	(A) Initial Depth to Water (ft BTOC): 41.52	Casing: Type PVC Diam. (in) 2	Weather: 79°
	(B) Total Well Depth (ft BTOC): 50.55	(E) Casing Volume Multiplier (gal/lin ft): 0.16	Background PID (ppm):
	(C) Water Column Thickness (ft) (B-A): 9.03	Screen Length (lin ft):	Breathing Zone PID (ppm):
	(D) Well Volume (gal) (C x E): 1.4	Screen Info: Type: PVC Size:	Well Opening PID (ppm):

CASING INFO											
Riseer/Well Casing Inner Diameter (in)	0.50	1.00	1.50	2.00	3.00	4.00	5.0	6.0	8.0	10
(D) Casing Volume Multiplier(gal/lin ft)	0.02	0.04	0.10	0.16	0.38	0.65	1.02	1.47	2.61	4.08

DATE (mmddyy)	TIME (24 Hr)	Water Level (BTOC)	Volume Removed (mL)	Pumping Rate (~~mL~~ gal pm)	Temp (C)	pH	Cond. (mS/cm)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Oxidation Reduction Potential (mV)	Remarks (odor, clarity, etc.)
7-23-07	0840	41.52	Initial	2	20.53	8.11	1.4	7.2	OR	166	Turbid, no odor
	0850	—	21		20.65	7.59	1.6	6.9	OR	167	" " "
	0900	—	35		21.08	7.61	1.5	7.6	OR	160	" " "
	0912	—	43		20.99	7.54	1.5	6.9	315	151	" " "
	0921	—	50		20.95	7.54	1.5	6.9	100	150	" " "
	0940	—	61		21.68	7.58	1.6	7.1	75	148	Cloudy, no odor
	0950	—	69		21.08	7.55	1.5	7.0	68	142	" " "
	1003	—	78		21.28	7.54	1.6	6.8	59	142	" " "
	1016	—	83		21.22	7.56	1.6	6.9	172	143	Turbid no odor
	1035	—	96		22.64	7.58	1.6	6.6	100	138	Cloudy, no odor
	1048	—	110		21.55	7.58	1.6	6.9	82	141	" " "
DEVELOPMENT CRITERIA											
+/- 10% unless otherwise noted					+/- 0.5	+/- 0.1	+/- 25	+/- 0.2	< 50.0	+/- 20	

COMMENTS: OR = Out of Range (Very high turbidity)

MONITORING WELL DEVELOPMENT FORM

BHATE
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LOCATION				
Site:	HAFB OT-32 / OT-37 / RW-42	Location ID:	RW42-MW01	Date: 7-23-07
Project Name:	2nd Shift ACM-July 2007	Project No./Phase:	9050361.00	Recorded By: D. Berry

DATE (mmddyy)	TIME (24 Hr)	Water Level (BTOC)	Volume Removed (mL)	Pumping Rate (~~mL~~ gpm)	Temp (C)	pH	Cond. (mS/cm)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Oxidation Reduction Potential (mV)	Remarks (odor, clarity, etc.)
7-23-07	1106	—	131	2	22.33	7.59	1.6	6.9	72	142	Cloudy, no odor
↓	1121	—	152	2	21.94	7.59	1.6	7.0	47	141	" " "
↓	1136	—	161	2	21.63	7.56	1.6	6.8	40	132	Clear, no odor

MONITORING WELL DEVELOPMENT FORM

BHATE Environmental Engineers and Scientist

Page 1 of

LOCATION	Site:	HAFB OT-32 / OT-37 / RW-42	Location ID:	RW42 - MW02	Date: 7-22-07
	Project Name:	2nd Shift ACM-July 2007	Project No./Phase:	9050361.00	Recorded By: D. Berry
EQUIPMENT	Pump Type/ID#:	Geo-Squirt	Water Quality Meter/ID#:	Horiba U-22	PID Type/ID#:
	Water Level Indicator Type/ID#:	Heron Instr.	Other Equipment/ID#:	Oakton Turbidimeter	Decon Method: DI H2O + Liquinox
	Tubing Type/Diameter (in):	Polyethylene	Other Equipment/ID#:		PPE Level: D C B A
WELL INFO	(A) Initial Depth to Water (ft BTOC):	41.45	Casing: Type	PVC Diam. (in) 2	Weather: 77°
	(B) Total Well Depth (ft BTOC):	50.60	(E) Casing Volume Multiplier (gal/lin ft):	0.16	Background PID (ppm):
	(C) Water Column Thickness (ft) (B-A):		Screen Length (lin ft):		Breathing Zone PID (ppm):
	(D) Well Volume (gal) (C x E):		Screen Info: Type:	Size:	Well Opening PID (ppm):

CASING INFO											
Riseer/Well Casing Inner Diameter (in)	0.50	1.00	1.50	2.00	3.00	4.00	5.0	6.0	8.0	10
(D) Casing Volume Multiplier(gal/lin ft)	0.02	0.04	0.10	0.16	0.38	0.65	1.02	1.47	2.61	4.08

DATE (mmddyy)	TIME (24 Hr)	Water Level (BTOC)	Volume Removed (mL)	Pumping Rate (~~mL/min~~) gpm	Temp (C)	pH	Cond. (mS/cm)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Oxidation Reduction Potential (mV)	Remarks (odor, clarity, etc.)
7-22-07	1050	41.45	0	2	20.62	7.71	1.61	4.23	>1000	134	Turbid
	1107		34	2	21.15	7.62	1.56	5.89	274	59	
	1118		43	2	21.46	7.61	1.57	6.45	34	57	Clear, no odor
	1128		52	2	20.96	7.59	1.57	6.48	13.94	64	" "
	1145		65	2	21.13	7.52	1.57	6.29	9.03	68	" "
	1200		79	2	20.97	7.50	1.56	6.35	6.73	69	" "
DEVELOPMENT CRITERIA											
+/- 10% unless otherwise noted					+/- 0.5	+/- 0.1	+/- 25	+/- 0.2	< 50.0	+/- 20	

COMMENTS:

MONITORING WELL DEVELOPMENT FORM

BHATE Environmental Engineers and Scientist

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LOCATION	Site: HAFB OT-32 / OT-37 / RW-42	Location ID: RW42-MW03		Date: 7/22/07	
	Project Name: 2nd Shift ACM-July 2007	Project No./Phase: 9050361.00		Recorded By: CM	
EQUIPMENT	Pump Type/ID#: Geosquirt Submersible	Water Quality Meter/ID#: Horiba U22		PID Type/ID#:	
	Water Level Indicator Type/ID#: Heron	Other Equipment/ID#: Oakton TDO		Decon Method: Liquinox	
	Tubing Type/Diameter (in):	Other Equipment/ID#:		PPE Level: (D) C B A	
WELL INFO	(A) Initial Depth to Water (ft BTOC): 42.23	Casing: Type PVC	Diam. (in) 2	Weather: Clear 90°	
	(B) Total Well Depth (ft BTOC): 50.68	(E) Casing Volume Multiplier (gal/lin ft):		Background PID (ppm):	
	(C) Water Column Thickness (ft) (B-A):	Screen Length (lin ft):		Breathing Zone PID (ppm):	
	(D) Well Volume (gal) (C x E):	Screen Info: Type: PVC	Size:	Well Opening PID (ppm):	

CASING INFO										
Riseer/Well Casing Inner Diameter (in)	0.50	1.00	1.50	2.00	3.00	4.00	5.0	6.0	8.0	10
(D) Casing Volume Multiplier(gal/lin ft)	0.02	0.04	0.10	0.16	0.38	0.65	1.02	1.47	2.61	4.08

DATE (mmddyy)	TIME (24 Hr)	Water Level (BTOC)	Volume Removed (mL)	Pumping Rate (mL/min)	Temp (C)	pH	Cond. (mS/cm)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Oxidation Reduction Potential (mV)	Remarks (odor, clarity, etc.)
072207	1300	42.23	0	1.5	21.84	7.85	1.42	5.58	<1000	185	Turbid / No Odor
	1310		150	1.5	21.71	7.73	1.48	6.61	<1000	162	" "
	1320		30	1.5	21.38	7.67	1.58	7.71	<1000	157	Clearing
	1330		45	1.5	21.60	7.63	1.62	6.33	327	147	" "
	1345		60	1.5	21.41	7.60	1.63	6.28	42.9	145	" "
	1400		75	1.5	21.15	7.58	1.63	6.08	17.7	144	
DEVELOPMENT CRITERIA											
+/- 10% unless otherwise noted					+/- 0.5	+/- 0.1	+/- 25	+/- 0.2	< 50.0	+/- 20	

COMMENTS:

MONITORING WELL SAMPLE COLLECTION FORM

BHATE
Environmental Engineers and Scientist

LOCATION	Site: ~~SS-61~~ RW42	Location ID: MW01	Date: 7/24/07
	Project Name: ACM ~~SS-61~~	Project No./Phase: 9050361/~~0100~~	Recorded By: CM
EQUIPMENT	Pump Type/ID#: Monsoon	Water Quality Meter/ID#: Horiba U22	PID Type/ID#:
	Water Level Indicator Type/ID#: Heron	Other Equipment/ID#: Oakton T100	Decon Method: Liquinox
	Tubing Type/Diameter (in): 3/8"	Other Equipment/ID#:	PPE Level: (D) C B A
WELL INFO	(A) Initial Depth to Water (ft BTOC): 41.55	Casing: Type PVC Diam. (in) 2	Weather: Rainy 75°
	(B) Total Well Depth (ft BTOC): 50.55	(E) Casing Volume Multiplier (gal/lin ft):	Background PID (ppm):
	(C) Water Column Thickness (ft) (B-A):	Screen Length (lin ft):	Breathing Zone PID (ppm):
	(D) Well Volume (gal) (C x E):	Screen Info: Type: PVC Size: 2	Well Opening PID (ppm):

CASING INFO											
Riseer/Well Casing Inner Diameter (in)	0.50	1.00	1.50	2.00	3.00	4.00	5.0	6.0	8.0	10
(D) Casing Volume Multiplier(gal/lin ft)	0.02	0.04	0.10	0.16	0.38	0.65	1.02	1.47	2.61	4.08

DATE (mmddyy)	TIME (24 Hr)	Water Level (BTOC)	Volume Removed (mLl)	Pumping Rate (mLpm)	Temp (C)	pH	Cond. (mS/cm)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Oxidation Reduction Potential (mV)	Remarks (odor, clarity, etc.)
072407	1405	41.55	0	300	20.8	7.48	1.7	17.59	213	82	Very Turbid
	1415		3000	300	20.8	7.48	1.7	18.26	119	103	Clearing / No Odor
	1425		6000	300	20.7	7.50	1.8	18.16	24.4	106	Clear
	1435		9000	300	20.6	7.51	1.8	18.23	13.76	111	Clear
	1445		12000	300	20.5	7.51	1.8	18.26	9.55	118	Clear

Colorimeter Results				
Time	Analyte	Dilution	Result	Units

Sample Time
1455

Sample Identification
RW42-MW01

Conversions	Stabilization Criteria			
1 L = 0.26 gals	Temp	+/- 0.5	DO	+/- 0.2
1 gal = 3.79 L	pH	+/- 0.1	Turb	+/- 10
	Cond	+/- 25	ORP	+/- 10

No. Containers/Volume/Type			Preserv.	Filter (Y/N)	Method	Parameter(s)
3	40 ml	VOAs	HCl	N	8260B	VOCs
2	1 L	Amber	None	N	8270	SVOC
2	1 L	Amber	80	N	8015	DRO
3	40 ml	VOAs	HCl	N	8015	GRO
1	.5 L	Plastic	HNO3	N	6010/7470	HM8
1	.5 L	Plastic	None	N		TDS

MONITORING WELL SAMPLE COLLECTION FORM

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BHATE Environmental Engineers and Scientist

LOCATION	Site: RW-42	Location ID: MW02	Date: 7/23/07
	Project Name:	Project No./Phase:	Recorded By: CM
EQUIPMENT	Pump Type/ID#: Monsoon	Water Quality Meter/ID#: Horiba U22	PID Type/ID#:
	Water Level Indicator Type/ID#: Heron	Other Equipment/ID#: Oakton T100	Decon Method: Liquinox
	Tubing Type/Diameter (in): 3/8"	Other Equipment/ID#:	PPE Level: D C B A
WELL INFO	(A) Initial Depth to Water (ft BTOC): 46.5	Casing: Type PVC Diam. (in) 2	Weather: Clear 80°
	(B) Total Well Depth (ft BTOC): 51.6	(E) Casing Volume Multiplier (gal/lin ft):	Background PID (ppm):
	(C) Water Column Thickness (ft) (B-A):	Screen Length (lin ft):	Breathing Zone PID (ppm):
	(D) Well Volume (gal) (C x E):	Screen Info: Type: PVC Size: 2	Well Opening PID (ppm):

CASING INFO										
Riseer/Well Casing Inner Diameter (in)	0.50	1.00	1.50	2.00	3.00	4.00	5.0	6.0	8.0	10
(D) Casing Volume Multiplier(gal/lin ft)	0.02	0.04	0.10	0.16	0.38	0.65	1.02	1.47	2.61	4.08

DATE (mmddyy)	TIME (24 Hr)	Water Level (BTOC)	Volume Removed (mLl)	Pumping Rate (mLpm)	Temp (C)	pH	Cond. (mS/cm)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Oxidation Reduction Potential (mV)	Remarks (odor, clarity, etc.)
072307	0840	41.5	0	300	20.3	7.40	1.7	17.48	211	-35	Cloudy / No Odor
	0850		3000	300	20.5	7.37	1.8	15.03	79.9	-46	Clearing
	0900		6000	300	20.7	7.40	1.9	14.93	20	-45	Clear
	0910		9000	300	20.7	7.41	1.9	14.98	12.11	-46	Clear

Colorimeter Results

Time	Analyte	Dilution	Result	Units

Sample Time
0920

Sample Identification
RW42-MW02, -a, -MS, -MSD

No. Containers/Volume/Type			Preserv.	Filter (Y/N)	Method	Parameter(s)
3	40 ml	VOAs	HCl			
2	1 L	Glass Amber	-			
3	40 mL	VOAs	HCl			
2	1 L	Glass Amber	H2SO4			
1	500 mL	Plastic	-			

Conversions	Stabilization Criteria			
1 L = 0.26 gals	Temp	+/- 0.5	DO	+/- 0.2
1 gal = 3.79 L	pH	+/- 0.1	Turb	+/- 10
	Cond	+/- 25	ORP	+/- 10

MONITORING WELL SAMPLE COLLECTION FORM

BHATE
Environmental Engineers and Scientist

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LOCATION	Site: RW42	Location ID: MW03	Date: 7/23/07
	Project Name: ACM	Project No./Phase: 9050361	Recorded By: CM
EQUIPMENT	Pump Type/ID#: Monsoon	Water Quality Meter/ID#:	PID Type/ID#:
	Water Level Indicator Type/ID#: Heron	Other Equipment/ID#:	Decon Method: Liquinox
	Tubing Type/Diameter (in): 5/8	Other Equipment/ID#:	PPE Level: D C B A
WELL INFO	(A) Initial Depth to Water (ft BTOC): 40.05	Casing: Type PVC Diam. (in) 2	Weather: Sunny 90°
	(B) Total Well Depth (ft BTOC):	(E) Casing Volume Multiplier (gal/lin ft):	Background PID (ppm):
	(C) Water Column Thickness (ft) (B-A):	Screen Length (lin ft):	Breathing Zone PID (ppm):
	(D) Well Volume (gal) (C x E):	Screen Info: Type: PVC Size: 2	Well Opening PID (ppm):

CASING INFO										
Riseer/Well Casing Inner Diameter (in)	0.50	1.00	1.50	2.00	3.00	4.00	5.0	6.0	8.0	10
(D) Casing Volume Multiplier(gal/lin ft)	0.02	0.04	0.10	0.16	0.38	0.65	1.02	1.47	2.61	4.08

DATE (mmddyy)	TIME (24 Hr)	Water Level (BTOC)	Volume Removed (mLl)	Pumping Rate (mLpm)	Temp (C)	pH	Cond. (mS/cm)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Oxidation Reduction Potential (mV)	Remarks (odor, clarity, etc.)
072307	1045	40.05	0	250	21.3	7.48	1.7	17.50	454	-9	Cloudy / No Odor
	1055		2500	250	21.8	7.51	1.9	16.46	366	-13	" "
	1105		5000	250	21.7	7.53	1.9	16.26	55.5	+67	" "
	1115		7500	250	21.9	7.53	1.9	16.12	24.5	93	Clearing
	1125		10000	250	22.1	7.54	1.9	16.17	13.61	98	Clear / No Odor
	1134		12500	250	21.8	7.55	1.9	16.27	6.30	96	" "

Colorimeter Results				
Time	Analyte	Dilution	Result	Units

Sample Time
1145

Sample Identification
RW42-MW03

Conversions	Stabilization Criteria			
1 L = 0.26 gals	Temp	+/- 0.5	DO	+/- 0.2
1 gal = 3.79 L	pH	+/- 0.1	Turb	+/- 10
	Cond	+/- 25	ORP	+/- 10

No. Containers/Volume/Type			Preserv.	Filter (Y/N)	Method	Parameter(s)
3	40 ml	VOAs	HCl			
2	1 L	Glass Amber	-			
3	40 mL	VOAs	HCl			
2	1 L	Glass Amber	H2SO4			
1	500 mL	Plastic	-			

APPENDIX D

ANALYTICAL DATA PACKAGES

(Provided on Enclosed CD)

SEVERN TRENT STL

STL Denver
4955 Yarrow Street
Arvada, CO 80002

Tel: 303 736 0100 Fax: 303 431 7171
www.stl-inc.com

ANALYTICAL REPORT

Holloman AFB, NM

Lot D7F120221

Marcia Olive

Bhate Environmental Associates, Inc.
445 Union Blvd.
Suite 129
Lakewood, CO 80226

TestAmerica DENVER

Michael P. Phillips

Michael P. Phillips
Project Manager

July 9, 2007

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Standard Deliverables *The **Cover Letter** and the **Report Cover** page are considered integral parts of this Standard Deliverable package. This report is incomplete unless all pages indicated in this Table of Contents are included.*	

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- **Methods Summary**
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- **Analytical Results**
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CASE NARRATIVE
D7F120221

The following report contains the analytical results for seven water samples, nineteen solid samples, and ten trip blanks submitted to TestAmerica Denver by Bhate Environmental Associates, Inc. from the Holloman AFB Site. The samples were received June 12, 2007, according to documented sample acceptance procedures.

Dilution factors and footnotes have been provided on each data sheet to assist in the interpretation of the results. In some cases, due to interferences or analytes present above the linear calibration curve, samples must be analyzed at a dilution. For samples analyzed at a dilution, the reporting limits are adjusted relative to the dilution required. Dilutions made for reasons other than the presence of target compound(s) are addressed in the Supplemental Information Section.

TestAmerica Denver utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameters listed on the methods summary page in accordance with the methods indicated. A summary of QC data for these analyses is included near the end of the report.

The results included in this report have been reviewed for compliance with the laboratory QA/QC plan and meet all requirements of NELAC. All data have been found to be compliant with laboratory protocol, with the exception of any items noted below.

Supplemental QC Information

Sample Arrival and Receipt

The samples presented in this report were received at the laboratory in good condition and at temperatures of 2.6°C, 3.1°C, 3.3°C, 3.5°C, 4.8°C, 2.9°C, 3.6°C, 2.7°C, 4.6°C, 2.8°C, 4.9°C, and 2.5°C.

According to the chain of custody, sample OT20-MW03 was sampled on June 10, 2007 while the associated MS/MSD samples were taken on June 11, 2007. Sample OT20-MW03 and its associated MS/MSD were logged as being sampled on June 10, 2007.

The chain of custody indicates that the lab was to receive two containers for sample Trip Blank-Cooler 9, while the lab actually received three containers.

No other anomalies were observed.

GC/MS Volatiles, SW846 Method 8260B

All of the Trip Blanks associated with this set of samples contained no detectable concentrations of the target analytes.

Naphthalene was detected in the Method Blank associated with batch 7170404 at a concentration below the project established reporting limit. No corrective action is taken for any values in Method Blanks that are below the requested reporting limits.

The LCS recovery for Bromoform in batch 7170404 was above the control limit. However, since the data are considered to be biased high and all associated samples were non-detect for Bromoform, no further corrective action was performed.

MS/MSD analyses were performed using sample OT20-MW03 for batch 7176174, as requested, and exhibited recoveries and relative percent differences outside the control limits for twelve compounds. Because the corresponding Laboratory Control Samples and the Method Blank samples were within control limits, these anomalies may be due to matrix interference and no corrective action was taken.

MS/MSD analyses were performed using sample RW42-DP02-24 for batch 7170404, as requested, and exhibited recoveries and relative percent differences outside the control limits for twenty-seven compounds. Because the corresponding Laboratory Control Samples and the Method Blank samples were within control limits, these anomalies may be due to matrix interference and no corrective action was taken.

No other anomalies were observed.

GC/MS Semivolatiles, SW846 Method 8270C

Sample RW42-DP04-16 in batch 7166011 exhibited surrogate recoveries for Nitrobenzene-d5, 2,4,6-Tribromophenol, and Terphenyl-d14 below the QC control limits. The sample was re-extracted outside the holding time for confirmation as part of batch 7176488. All surrogate recoveries were in control for the re-extracted sample. Both sets of data are reported.

Bis(2-ethylhexyl)phthalate was detected in the Method Blank associated with batch 7176488 at a concentration below the project established reporting limit. No corrective action is taken for any values in Method Blanks that are below the requested reporting limits.

MS/MSD analyses were performed using sample OT20-MW03 in batch 7165172, as requested, and exhibited recoveries and/or relative percent differences outside the control limits for eleven compounds. Because the corresponding Laboratory Control Samples and the Method Blank samples were within control limits, these anomalies may be due to matrix interference and no corrective action was taken.

MS/MSD analyses were performed using sample RW42-DP02-24 for batch 7166011, as requested, and all results were in control.

MS/MSD analyses were also performed using sample RW42-DP04-16 for batch 7176488 and exhibited recoveries outside the control limits for five compounds and one surrogate. Because the corresponding Laboratory Control Samples and the Method Blank samples were within control limits, these anomalies may be due to matrix interference and no corrective action was taken.

No other anomalies were observed.

GRO/TVPH, SW846 Method 8015B

GRO/TEPH was detected in the Method Blank associated with batch 7172257 at a concentration below the project established reporting limit. No corrective action is taken for any values in Method Blanks that are below the requested reporting limits.

Samples OT38-DP03-10 and OT37-DP09-10 exhibited surrogate recoveries for a, a, a-Trifluorotoluene below the QC control limits. The lab noted that matrix interference was evident.

No other anomalies were observed.

DRO/ORO/TEPH, SW846 Method 8015B

DRO/TEPH was detected in the Method Blank associated with QC batch 7165573 at a concentration below the project established reporting limit. No corrective action is taken for any values in Method Blanks that are below the requested reporting limits.

No other anomalies were observed.

Organochlorine Pesticides, SW846 Method 8081

MS/MSD analyses were performed using sample OT20-MW03 for batch 7163433, as requested, and exhibited recoveries or relative percent differences outside the control limits for two spike compound. Because the corresponding Laboratory Control Samples and the Method Blank samples were within control limits, these anomalies may be due to matrix interference and no corrective action was taken.

MS/MSD analyses were also performed using sample OT38-DP03-10 for batch 7166133 and all results were in control.

No other anomalies were observed.

PCBs, SW846 Method 8082

Sample OT37-DP09-2 in batch 7166130 exhibited surrogate recoveries for Decachlorobiphenyl above the QC control limits. The lab noted that there was obvious matrix interference for this sample.

MS/MSD analyses were performed using sample OT20-MW03 for batch 7163431, as requested, and exhibited a relative percent difference outside the control limits for Aroclor 1260 and a MSD recovery for surrogate Decachlorobiphenyl outside the control limits. Because the corresponding Laboratory Control Samples and the Method Blank samples were within control limits, these anomalies may be due to matrix interference and no corrective action was taken.

Additional MS/MSD analyses for batch 7166130 were performed using sample OT38-DP03-10 and all results were in control.

No other anomalies were observed.

Herbicides, SW846 Method 8151A

For sample OT20-MW03-A, the relative percent difference between the primary and confirmation columns exceeded 40% for Dalapon. The lower of the two results is reported and the result is flagged with "COL".

MS/MSD analyses were performed using sample OT20-MW03 for batch 7166379, as requested, and exhibited a relative percent difference outside the control limits for Dinoseb. Because the corresponding Laboratory Control Sample and the Method Blank sample were within control limits, this anomaly may be due to matrix interference and no corrective action was taken.

No other anomalies were observed.

Total Metals, SW846 Methods 6010B/7470A/7471A

Calcium and Iron were detected in the Method Blank associated with batch 7165634 and Manganese was detected in the Method Blank associated with batch 7165566 at concentrations below the project established reporting limits. No corrective action is taken for any values in Method Blanks that are below the requested reporting limits.

The Serial Dilution associated with batch 7165634 indicated that physical and chemical interferences were present for Potassium. Results in the analytical report have been flagged with an "L" for samples SS18-MW02 and SS18-MW04.

MS/MSD analyses were performed using sample RW42-DP02-24 for batch 7165566, as requested. The percent recoveries and RPD data could not be calculated for Aluminum, Calcium, and Iron due to the sample concentrations reading greater than four times the spike amounts. Because the corresponding Laboratory Control Samples and the Method Blank samples were within control limits, these anomalies may be due to matrix interference and no corrective action was taken.

MS/MSD analyses were performed using sample RW42-DP02-24 for batch 7166242, as requested, and exhibited recoveries outside the control limits for Mercury. Because the corresponding Laboratory Control Samples and the Method Blank samples were within control limits, these anomalies may be due to matrix interference and no corrective action was taken.

MS/MSD analyses were performed using sample OT20-MW03 for batch 7165634, as requested, and all results were in control

MS/MSD analyses were performed using sample OT20-MW03 for batch 7166218, as requested, and exhibited recoveries outside the control limits for Mercury. Because the corresponding Laboratory Control Samples and the Method Blank samples were within control limits, these anomalies may be due to matrix interference and no corrective action was taken.

Additional MS/MSD analyses were performed using a sample from another client and/or lot and exhibited recoveries outside the control limits for Magnesium, Nickel, and Thallium. In addition, the percent recoveries and RPD data could not be calculated for Calcium and Sodium due to the sample concentrations reading greater than four times the spike amounts. Because the corresponding Laboratory Control Samples and the Method Blank samples were within control limits, these anomalies may be due to matrix interference and no corrective action was taken.

No other anomalies were observed.

Total Dissolved Solids and Percent Moisture – MCAWW 160.1 and 160.3MOD

Each sample is analyzed to achieve the lowest possible reporting limit within the constraints of the method. Due to high constituent concentrations, samples SS18-MW02, OT20-MW03, and OT20-MW03-A had to be analyzed at dilutions for Total Dissolved Solids. The reporting limits have been adjusted relative to the dilutions required.

No other anomalies were observed.

Tritium – EPA 906.0 MOD

Due to lab error, the client requested MS/MSD using sample RW42-DP02-24 was not performed. Instead, a MS was performed using sample RW42-DP01-16 and a sample duplicate was performed using sample RW42-DP01-10.

No other anomalies were observed.

EXECUTIVE SUMMARY - Detection Highlights

D7F120221

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SS18-MW02 06/09/07 10:22 001				
Barium	26	10	ug/L	SW846 6010B
Calcium	490000 J	200	ug/L	SW846 6010B
Cadmium	0.62 B	5.0	ug/L	SW846 6010B
Cobalt	2.8 B	10	ug/L	SW846 6010B
Copper	7.3 B	15	ug/L	SW846 6010B
Potassium	13000 L	3000	ug/L	SW846 6010B
Magnesium	250000	200	ug/L	SW846 6010B
Manganese	650	10	ug/L	SW846 6010B
Sodium	420000	1000	ug/L	SW846 6010B
Nickel	14 B	40	ug/L	SW846 6010B
Vanadium	12	10	ug/L	SW846 6010B
Zinc	38	20	ug/L	SW846 6010B
bis(2-Ethylhexyl) phthalate	1.6 J	10	ug/L	SW846 8270C
Chloroform	5.1	1.0	ug/L	SW846 8260B
Chloromethane	0.53 J	2.0	ug/L	SW846 8260B
1,1-Dichloroethane	8.2	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	0.14 J	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	12	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	3.9	1.0	ug/L	SW846 8260B
Total Dissolved Solids	4300 Q	20	mg/L	MCAWW 160.1
WL-12-03 06/09/07 10:45 002				
Barium	30	10	ug/L	SW846 6010B
Total Dissolved Solids	2400	10	mg/L	MCAWW 160.1
OT20-MW03 06/10/07 10:23 005				
Barium	41	10	ug/L	SW846 6010B
Cadmium	1.5 B	5.0	ug/L	SW846 6010B
Tetrachloroethene	5.3	1.0	ug/L	SW846 8260B
Total Dissolved Solids	42000 Q	1000	mg/L	MCAWW 160.1
OT20-MW03-A 06/10/07 10:23 006				
Dalapon	0.51	2.0	ug/L	SW846 8151A
	Qualifiers: J,COL			
Barium	41	10	ug/L	SW846 6010B
Cadmium	2.0 B	5.0	ug/L	SW846 6010B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

D7F120221

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
OT20-MW03-A 06/10/07 10:23 006				
Chloromethane	0.43 J	2.0	ug/L	SW846 8260B
Tetrachloroethene	3.4	1.0	ug/L	SW846 8260B
Total Dissolved Solids	45000 Q	1000	mg/L	MCAWW 160.1
OT20-MW02 06/10/07 11:05 007				
Acetone	31	10	ug/L	SW846 8260B
2-Butanone (MEK)	8.2	6.0	ug/L	SW846 8260B
Chloromethane	1.0 J	2.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	0.73 J	5.0	ug/L	SW846 8260B
Tetrachloroethene	4.6	1.0	ug/L	SW846 8260B
OT20-MW01 06/10/07 11:45 008				
Acetone	39	10	ug/L	SW846 8260B
Benzene	0.19 J	1.0	ug/L	SW846 8260B
2-Butanone (MEK)	9.9	6.0	ug/L	SW846 8260B
Chloromethane	1.5 J	2.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	0.76 J	5.0	ug/L	SW846 8260B
SS18-MW04 06/10/07 13:35 009				
Barium	70	10	ug/L	SW846 6010B
Calcium	610000 J	200	ug/L	SW846 6010B
Cadmium	1.0 B	5.0	ug/L	SW846 6010B
Cobalt	4.6 B	10	ug/L	SW846 6010B
Copper	17	15	ug/L	SW846 6010B
Potassium	24000 L	3000	ug/L	SW846 6010B
Magnesium	420000	200	ug/L	SW846 6010B
Manganese	870	10	ug/L	SW846 6010B
Sodium	1500000	1000	ug/L	SW846 6010B
Nickel	23 B	40	ug/L	SW846 6010B
Vanadium	5.3 B	10	ug/L	SW846 6010B
Zinc	45	20	ug/L	SW846 6010B
RW42-DP01-10 06/10/07 13:00 014				
Diesel Range Organics (C10-C22	1.9 J,B	4.6	mg/kg	SW846 8015B
Gasoline Range Organics	0.74 J,B	1.4	mg/kg	SW846 8015B
Aluminum	18000	11	mg/kg	SW846 6010B
Arsenic	2.7	2.3	mg/kg	SW846 6010B
Barium	140	1.1	mg/kg	SW846 6010B

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EXECUTIVE SUMMARY - Detection Highlights

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PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
RW42-DP01-10 06/10/07 13:00 014				
Beryllium	0.99	0.57	mg/kg	SW846 6010B
Calcium	100000	57	mg/kg	SW846 6010B
Cadmium	0.17 B	0.57	mg/kg	SW846 6010B
Cobalt	5.7	1.1	mg/kg	SW846 6010B
Chromium	19	1.7	mg/kg	SW846 6010B
Copper	11	2.3	mg/kg	SW846 6010B
Iron	15000	17	mg/kg	SW846 6010B
Potassium	4400	340	mg/kg	SW846 6010B
Magnesium	7700	23	mg/kg	SW846 6010B
Manganese	170 J	1.1	mg/kg	SW846 6010B
Sodium	3000	570	mg/kg	SW846 6010B
Nickel	14	4.6	mg/kg	SW846 6010B
Lead	8.4	0.91	mg/kg	SW846 6010B
Vanadium	30	2.3	mg/kg	SW846 6010B
Zinc	45	3.4	mg/kg	SW846 6010B
Naphthalene	0.76 J,B	5.8	ug/kg	SW846 8260B
Percent Moisture	12	0.10	%	MCAWW 160.3 MOD
RW42-DP01-16 06/10/07 13:10 015				
Diesel Range Organics (C10-C22	1.8 J,B	4.4	mg/kg	SW846 8015B
Gasoline Range Organics	0.37 J,B	1.3	mg/kg	SW846 8015B
Mercury	6.6 B	36	ug/kg	SW846 7471A
Aluminum	13000	11	mg/kg	SW846 6010B
Arsenic	3.4	2.2	mg/kg	SW846 6010B
Barium	130	1.1	mg/kg	SW846 6010B
Beryllium	0.74	0.55	mg/kg	SW846 6010B
Calcium	120000	55	mg/kg	SW846 6010B
Cadmium	0.14 B	0.55	mg/kg	SW846 6010B
Cobalt	4.7	1.1	mg/kg	SW846 6010B
Chromium	15	1.6	mg/kg	SW846 6010B
Copper	7.0	2.2	mg/kg	SW846 6010B
Iron	13000	16	mg/kg	SW846 6010B
Potassium	3500	330	mg/kg	SW846 6010B
Magnesium	5400	22	mg/kg	SW846 6010B
Manganese	110 J	1.1	mg/kg	SW846 6010B
Sodium	2700	550	mg/kg	SW846 6010B
Nickel	11	4.4	mg/kg	SW846 6010B
Lead	6.6	0.87	mg/kg	SW846 6010B
Vanadium	25	2.2	mg/kg	SW846 6010B
Zinc	34	3.3	mg/kg	SW846 6010B

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EXECUTIVE SUMMARY - Detection Highlights

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PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
RW42-DP01-16 06/10/07 13:10 015				
Percent Moisture	8.5	0.10	%	MCAWW 160.3 MOD
RW42-DP01-24 06/10/07 13:20 016				
Diesel Range Organics (C10-C22	2.1 J,B	4.7	mg/kg	SW846 8015B
Aluminum	4500	12	mg/kg	SW846 6010B
Arsenic	2.0 B	2.4	mg/kg	SW846 6010B
Barium	44	1.2	mg/kg	SW846 6010B
Beryllium	0.21 B	0.59	mg/kg	SW846 6010B
Calcium	140000	59	mg/kg	SW846 6010B
Cobalt	1.6	1.2	mg/kg	SW846 6010B
Chromium	5.6	1.8	mg/kg	SW846 6010B
Copper	3.2	2.4	mg/kg	SW846 6010B
Iron	4800	18	mg/kg	SW846 6010B
Potassium	1200	360	mg/kg	SW846 6010B
Magnesium	1800	24	mg/kg	SW846 6010B
Manganese	59 J	1.2	mg/kg	SW846 6010B
Sodium	1200	590	mg/kg	SW846 6010B
Nickel	3.8 B	4.7	mg/kg	SW846 6010B
Lead	2.7	0.95	mg/kg	SW846 6010B
Vanadium	11	2.4	mg/kg	SW846 6010B
Zinc	12	3.6	mg/kg	SW846 6010B
Acetone	9.5 J	23	ug/kg	SW846 8260B
2-Butanone (MEK)	2.9 J	23	ug/kg	SW846 8260B
Percent Moisture	16	0.10	%	MCAWW 160.3 MOD
RW42-DP01-24A 06/10/07 13:20 017				
Diesel Range Organics (C10-C22	2.3 J,B	4.6	mg/kg	SW846 8015B
Aluminum	11000	12	mg/kg	SW846 6010B
Arsenic	2.5	2.3	mg/kg	SW846 6010B
Barium	83	1.2	mg/kg	SW846 6010B
Beryllium	0.58	0.58	mg/kg	SW846 6010B
Calcium	140000	58	mg/kg	SW846 6010B
Cadmium	0.097 B	0.58	mg/kg	SW846 6010B
Cobalt	4.2	1.2	mg/kg	SW846 6010B
Chromium	14	1.7	mg/kg	SW846 6010B
Copper	6.7	2.3	mg/kg	SW846 6010B
Iron	11000	17	mg/kg	SW846 6010B

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EXECUTIVE SUMMARY - Detection Highlights

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PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
RW42-DP01-24A 06/10/07 13:20 017				
Potassium	3200	350	mg/kg	SW846 6010B
Magnesium	5000	23	mg/kg	SW846 6010B
Manganese	160 J	1.2	mg/kg	SW846 6010B
Sodium	2500	580	mg/kg	SW846 6010B
Nickel	9.8	4.6	mg/kg	SW846 6010B
Lead	5.9	0.93	mg/kg	SW846 6010B
Vanadium	22	2.3	mg/kg	SW846 6010B
Zinc	33	3.5	mg/kg	SW846 6010B
Acetone	8.2 J	26	ug/kg	SW846 8260B
Percent Moisture	14	0.10	%	MCAWW 160.3 MOD
RW42-DP02-10 06/10/07 13:45 018				
Diesel Range Organics (C10-C22	2.1 J,B	4.3	mg/kg	SW846 8015B
Mercury	6.2 B	36	ug/kg	SW846 7471A
Zinc	44	3.3	mg/kg	SW846 6010B
Aluminum	18000	11	mg/kg	SW846 6010B
Arsenic	3.2	2.2	mg/kg	SW846 6010B
Barium	120	1.1	mg/kg	SW846 6010B
Beryllium	0.88	0.54	mg/kg	SW846 6010B
Calcium	110000	54	mg/kg	SW846 6010B
Cadmium	0.22 B	0.54	mg/kg	SW846 6010B
Cobalt	6.6	1.1	mg/kg	SW846 6010B
Chromium	20	1.6	mg/kg	SW846 6010B
Copper	11	2.2	mg/kg	SW846 6010B
Iron	15000	16	mg/kg	SW846 6010B
Potassium	4700	330	mg/kg	SW846 6010B
Magnesium	7600	22	mg/kg	SW846 6010B
Manganese	220 J	1.1	mg/kg	SW846 6010B
Sodium	2900	540	mg/kg	SW846 6010B
Nickel	14	4.3	mg/kg	SW846 6010B
Lead	8.7	0.87	mg/kg	SW846 6010B
Vanadium	33	2.2	mg/kg	SW846 6010B
Percent Moisture	7.9	0.10	%	MCAWW 160.3 MOD

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EXECUTIVE SUMMARY - Detection Highlights

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PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
RW42-DP02-16 06/10/07 14:00 019				
Diesel Range Organics (C10-C22	1.8 J,B	4.5	mg/kg	SW846 8015B
Mercury	3.3 B	37	ug/kg	SW846 7471A
Aluminum	12000	11	mg/kg	SW846 6010B
Arsenic	1.8 B	2.3	mg/kg	SW846 6010B
Barium	100	1.1	mg/kg	SW846 6010B
Beryllium	0.59	0.56	mg/kg	SW846 6010B
Calcium	98000	56	mg/kg	SW846 6010B
Cadmium	0.088 B	0.56	mg/kg	SW846 6010B
Cobalt	3.5	1.1	mg/kg	SW846 6010B
Chromium	13	1.7	mg/kg	SW846 6010B
Copper	7.1	2.3	mg/kg	SW846 6010B
Iron	9800	17	mg/kg	SW846 6010B
Potassium	2900	340	mg/kg	SW846 6010B
Magnesium	4800	23	mg/kg	SW846 6010B
Manganese	110 J	1.1	mg/kg	SW846 6010B
Sodium	2400	560	mg/kg	SW846 6010B
Nickel	8.7	4.5	mg/kg	SW846 6010B
Lead	5.4	0.90	mg/kg	SW846 6010B
Vanadium	19	2.3	mg/kg	SW846 6010B
Zinc	27	3.4	mg/kg	SW846 6010B
Acetone	20	20	ug/kg	SW846 8260B
Percent Moisture	11	0.10	%	MCAWW 160.3 MOD
RW42-DP02-24 06/10/07 14:15 020				
Diesel Range Organics (C10-C22	2.1 J,B	4.6	mg/kg	SW846 8015B
Aluminum	6700	12	mg/kg	SW846 6010B
Arsenic	2.2 B	2.3	mg/kg	SW846 6010B
Barium	50	1.2	mg/kg	SW846 6010B
Beryllium	0.37 B	0.58	mg/kg	SW846 6010B
Calcium	73000	58	mg/kg	SW846 6010B
Cobalt	2.5	1.2	mg/kg	SW846 6010B
Chromium	8.5	1.7	mg/kg	SW846 6010B
Copper	4.2	2.3	mg/kg	SW846 6010B
Iron	7500	17	mg/kg	SW846 6010B
Potassium	1500	350	mg/kg	SW846 6010B
Magnesium	2800	23	mg/kg	SW846 6010B
Manganese	120 J	1.2	mg/kg	SW846 6010B
Sodium	1500	580	mg/kg	SW846 6010B
Nickel	6.3	4.6	mg/kg	SW846 6010B
Lead	3.7	0.93	mg/kg	SW846 6010B

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EXECUTIVE SUMMARY - Detection Highlights

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PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
RW42-DP02-24 06/10/07 14:15 020				
Vanadium	16	2.3	mg/kg	SW846 6010B
Zinc	18	3.5	mg/kg	SW846 6010B
Percent Moisture	14	0.10	%	MCAWW 160.3 MOD
RW42-DP03-10 06/10/07 14:45 021				
Diesel Range Organics (C10-C22	2.1 J,B	4.6	mg/kg	SW846 8015B
Mercury	4.0 B	38	ug/kg	SW846 7471A
Aluminum	14000	12	mg/kg	SW846 6010B
Arsenic	3.4	2.3	mg/kg	SW846 6010B
Barium	110	1.2	mg/kg	SW846 6010B
Beryllium	0.68	0.58	mg/kg	SW846 6010B
Calcium	130000	58	mg/kg	SW846 6010B
Cadmium	0.18 B	0.58	mg/kg	SW846 6010B
Cobalt	5.4	1.2	mg/kg	SW846 6010B
Chromium	16	1.7	mg/kg	SW846 6010B
Copper	8.4	2.3	mg/kg	SW846 6010B
Iron	12000	17	mg/kg	SW846 6010B
Potassium	3400	350	mg/kg	SW846 6010B
Magnesium	7200	23	mg/kg	SW846 6010B
Manganese	240 J	1.2	mg/kg	SW846 6010B
Sodium	2400	580	mg/kg	SW846 6010B
Nickel	12	4.6	mg/kg	SW846 6010B
Lead	7.3	0.92	mg/kg	SW846 6010B
Vanadium	31	2.3	mg/kg	SW846 6010B
Zinc	33	3.5	mg/kg	SW846 6010B
1,2,4-Trichloro-benzene	0.95 J	5.8	ug/kg	SW846 8260B
Hexachlorobutadiene	0.76 J	5.8	ug/kg	SW846 8260B
1,2,3-Trichlorobenzene	1.2 J	5.8	ug/kg	SW846 8260B
Naphthalene	1.8 J,B	5.8	ug/kg	SW846 8260B
Percent Moisture	13	0.10	%	MCAWW 160.3 MOD
RW42-DP03-16 06/10/07 15:00 022				
Diesel Range Organics (C10-C22	1.9 J,B	4.6	mg/kg	SW846 8015B
Mercury	3.6 B	38	ug/kg	SW846 7471A
Aluminum	10000	12	mg/kg	SW846 6010B
Arsenic	3.0	2.3	mg/kg	SW846 6010B

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PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
RW42-DP03-16 06/10/07 15:00 022				
Barium	84	1.2	mg/kg	SW846 6010B
Beryllium	0.53 B	0.58	mg/kg	SW846 6010B
Calcium	140000	58	mg/kg	SW846 6010B
Cadmium	0.11 B	0.58	mg/kg	SW846 6010B
Cobalt	4.5	1.2	mg/kg	SW846 6010B
Chromium	14	1.7	mg/kg	SW846 6010B
Copper	7.7	2.3	mg/kg	SW846 6010B
Iron	11000	17	mg/kg	SW846 6010B
Potassium	2900	350	mg/kg	SW846 6010B
Magnesium	4500	23	mg/kg	SW846 6010B
Manganese	240 J	1.2	mg/kg	SW846 6010B
Sodium	2300	580	mg/kg	SW846 6010B
Nickel	9.9	4.6	mg/kg	SW846 6010B
Lead	6.1	0.92	mg/kg	SW846 6010B
Vanadium	25	2.3	mg/kg	SW846 6010B
Zinc	29	3.5	mg/kg	SW846 6010B
bis(2-Ethylhexyl) phthalate	48 J	760	ug/kg	SW846 8270C
Naphthalene	1.0 J,B	5.1	ug/kg	SW846 8260B
Percent Moisture	13	0.10	%	MCAWW 160.3 MOD
RW42-DP03-24 06/10/07 15:15 023				
Diesel Range Organics (C10-C22	2.8 J,B	6.2	mg/kg	SW846 8015B
Aluminum	6000	15	mg/kg	SW846 6010B
Arsenic	3.2	3.1	mg/kg	SW846 6010B
Barium	80	1.5	mg/kg	SW846 6010B
Beryllium	0.36 B	0.77	mg/kg	SW846 6010B
Calcium	150000	77	mg/kg	SW846 6010B
Cadmium	0.10 B	0.77	mg/kg	SW846 6010B
Cobalt	2.6	1.5	mg/kg	SW846 6010B
Chromium	7.8	2.3	mg/kg	SW846 6010B
Copper	4.6	3.1	mg/kg	SW846 6010B
Iron	7600	23	mg/kg	SW846 6010B
Potassium	1500	460	mg/kg	SW846 6010B
Magnesium	3000	31	mg/kg	SW846 6010B
Manganese	140 J	1.5	mg/kg	SW846 6010B
Sodium	1800	770	mg/kg	SW846 6010B
Nickel	5.7 B	6.2	mg/kg	SW846 6010B
Lead	4.5	1.2	mg/kg	SW846 6010B
Vanadium	18	3.1	mg/kg	SW846 6010B

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PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
RW42-DP03-24 06/10/07 15:15 023				
Zinc	18	4.6	mg/kg	SW846 6010B
Percent Moisture	35	0.10	%	MCAWW 160.3 MOD
RW42-DP04-10 06/10/07 15:30 024				
Diesel Range Organics (C10-C22	2.1 J,B	4.6	mg/kg	SW846 8015B
Mercury	8.1 B	38	ug/kg	SW846 7471A
Aluminum	11000	12	mg/kg	SW846 6010B
Arsenic	2.6	2.3	mg/kg	SW846 6010B
Barium	89	1.2	mg/kg	SW846 6010B
Beryllium	0.50 B	0.58	mg/kg	SW846 6010B
Calcium	130000	58	mg/kg	SW846 6010B
Cadmium	0.18 B	0.58	mg/kg	SW846 6010B
Cobalt	4.1	1.2	mg/kg	SW846 6010B
Chromium	13	1.7	mg/kg	SW846 6010B
Copper	7.1	2.3	mg/kg	SW846 6010B
Iron	9600	17	mg/kg	SW846 6010B
Potassium	3000	350	mg/kg	SW846 6010B
Magnesium	6100	23	mg/kg	SW846 6010B
Manganese	190 J	1.2	mg/kg	SW846 6010B
Sodium	2200	580	mg/kg	SW846 6010B
Nickel	8.9	4.6	mg/kg	SW846 6010B
Lead	5.8	0.92	mg/kg	SW846 6010B
Vanadium	24	2.3	mg/kg	SW846 6010B
Zinc	26	3.5	mg/kg	SW846 6010B
Percent Moisture	13	0.10	%	MCAWW 160.3 MOD
RW42-DP04-16 06/10/07 15:45 025				
Diesel Range Organics (C10-C22	2.0 J,B	4.6	mg/kg	SW846 8015B
Aluminum	9800	12	mg/kg	SW846 6010B
Arsenic	2.8	2.3	mg/kg	SW846 6010B
Barium	88	1.2	mg/kg	SW846 6010B
Beryllium	0.50 B	0.58	mg/kg	SW846 6010B
Calcium	140000	58	mg/kg	SW846 6010B
Cadmium	0.098 B	0.58	mg/kg	SW846 6010B
Cobalt	4.0	1.2	mg/kg	SW846 6010B
Chromium	13	1.7	mg/kg	SW846 6010B
Copper	6.0	2.3	mg/kg	SW846 6010B

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EXECUTIVE SUMMARY - Detection Highlights

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PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
RW42-DP04-16 06/10/07 15:45 025				
Iron	11000	17	mg/kg	SW846 6010B
Potassium	2700	350	mg/kg	SW846 6010B
Magnesium	4200	23	mg/kg	SW846 6010B
Manganese	150 J	1.2	mg/kg	SW846 6010B
Sodium	2200	580	mg/kg	SW846 6010B
Nickel	8.7	4.6	mg/kg	SW846 6010B
Lead	5.7	0.93	mg/kg	SW846 6010B
Vanadium	24	2.3	mg/kg	SW846 6010B
Zinc	28	3.5	mg/kg	SW846 6010B
bis(2-Ethylhexyl) phthalate	150 J,B	770	ug/kg	SW846 8270C
Acetone	8.4 J	23	ug/kg	SW846 8260B
Percent Moisture	14	0.10	%	MCAWW 160.3 MOD
RW42-DP04-24 06/10/07 16:00 026				
Diesel Range Organics (C10-C22	2.1 J,B	4.5	mg/kg	SW846 8015B
Aluminum	3200	11	mg/kg	SW846 6010B
Arsenic	1.4 B	2.2	mg/kg	SW846 6010B
Barium	27	1.1	mg/kg	SW846 6010B
Calcium	160000	56	mg/kg	SW846 6010B
Cobalt	1.2	1.1	mg/kg	SW846 6010B
Chromium	4.2	1.7	mg/kg	SW846 6010B
Copper	2.2	2.2	mg/kg	SW846 6010B
Iron	3700	17	mg/kg	SW846 6010B
Potassium	860	340	mg/kg	SW846 6010B
Magnesium	1400	22	mg/kg	SW846 6010B
Manganese	35 J	1.1	mg/kg	SW846 6010B
Sodium	1100	560	mg/kg	SW846 6010B
Nickel	2.6 B	4.5	mg/kg	SW846 6010B
Lead	2.1	0.90	mg/kg	SW846 6010B
Vanadium	9.2	2.2	mg/kg	SW846 6010B
Zinc	11	3.4	mg/kg	SW846 6010B
bis(2-Ethylhexyl) phthalate	62 J	740	ug/kg	SW846 8270C
Acetone	7.3 J	18	ug/kg	SW846 8260B
Percent Moisture	11	0.10	%	MCAWW 160.3 MOD

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EXECUTIVE SUMMARY - Detection Highlights

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PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
RW42-DP04-24A 06/10/07 16:00 027				
Diesel Range Organics (C10-C22	2.0 J,B	4.6	mg/kg	SW846 8015B
Aluminum	4400	11	mg/kg	SW846 6010B
Arsenic	1.1 B	2.3	mg/kg	SW846 6010B
Barium	42	1.1	mg/kg	SW846 6010B
Beryllium	0.21 B	0.57	mg/kg	SW846 6010B
Calcium	110000	57	mg/kg	SW846 6010B
Cadmium	0.053 B	0.57	mg/kg	SW846 6010B
Cobalt	2.2	1.1	mg/kg	SW846 6010B
Chromium	5.6	1.7	mg/kg	SW846 6010B
Copper	2.5	2.3	mg/kg	SW846 6010B
Iron	4800	17	mg/kg	SW846 6010B
Potassium	1200	340	mg/kg	SW846 6010B
Magnesium	1900	23	mg/kg	SW846 6010B
Manganese	54 J	1.1	mg/kg	SW846 6010B
Sodium	1400	570	mg/kg	SW846 6010B
Nickel	3.7 B	4.6	mg/kg	SW846 6010B
Lead	2.7	0.92	mg/kg	SW846 6010B
Vanadium	9.7	2.3	mg/kg	SW846 6010B
Zinc	12	3.4	mg/kg	SW846 6010B
Percent Moisture	13	0.10	%	MCAWW 160.3 MOD
OT38-DP03-10 06/11/07 08:15 031				
Diesel Range Organics (C10-C22	2.2 J,B	5.0	mg/kg	SW846 8015B
Barium	24	1.2	mg/kg	SW846 6010B
Chromium	2.8	1.9	mg/kg	SW846 6010B
Lead	2.0	0.99	mg/kg	SW846 6010B
Percent Moisture	19	0.10	%	MCAWW 160.3 MOD
OT37-DP09-2 06/11/07 08:45 032				
Diesel Range Organics (C10-C22	10 B	4.8	mg/kg	SW846 8015B
Motor Oil Range Organics (C22-	210	4.8	mg/kg	SW846 8015B
Percent Moisture	16	0.10	%	MCAWW 160.3 MOD
OT37-DP09-10 06/11/07 08:50 033				
Diesel Range Organics (C10-C22	2.2 J,B	4.8	mg/kg	SW846 8015B
Percent Moisture	17	0.10	%	MCAWW 160.3 MOD

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PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
OT37-DP10-2 06/11/07 09:00 034				
Diesel Range Organics (C10-C22	2.3 J,B	5.0	mg/kg	SW846 8015B
Aroclor 1260	210	41	ug/kg	SW846 8082
Percent Moisture	20	0.10	%	MCAWW 160.3 MOD
OT37-DP10-10 06/11/07 09:05 035				
Diesel Range Organics (C10-C22	2.0 J,B	4.6	mg/kg	SW846 8015B
Percent Moisture	14	0.10	%	MCAWW 160.3 MOD

METHODS SUMMARY

D7F120221

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Chlorinated Herbicides by GC	SW846 8151A	SW846 8151A
Extractable Petroleum Hydrocarbons	SW846 8015B	SW846 3550B
Filterable Residue (TDS)	MCAWW 160.1	MCAWW 160.1
H-3 by Distillation & LSC	EPA 906.0 MOD	
Inductively Coupled Plasma (ICP) Metals	SW846 6010B	SW846 3010A
Inductively Coupled Plasma (ICP) Metals	SW846 6010B	SW846 3050B
Mercury in Liquid Waste (Manual Cold-Vapor)	SW846 7470A	SW846 7470A
Mercury in Solid Waste (Manual Cold-Vapor)	SW846 7471A	SW846 7471A
Organochlorine Pesticides	SW846 8081A	SW846 3510C
Organochlorine Pesticides	SW846 8081A	SW846 3550B
Percent Moisture	MCAWW 160.3 MOD	MCAWW 160.3 MOD
PCBs by SW-846 8082	SW846 8082	SW846 3510C
PCBs by SW-846 8082	SW846 8082	SW846 3550
Semivolatile Organic Compounds by GC/MS	SW846 8270C	SW846 3520C
Semivolatile Organic Compounds by GC/MS	SW846 8270C	SW846 3550B
Volatile Organics by GC/MS	SW846 8260B	SW846 5030B/826
Volatile Organics by GC/MS	SW846 8260B	SW846 5035
Volatile Petroleum Hydrocarbons	SW846 8015B	SW846 5035

References:

EPA "EASTERN ENVIRONMENTAL RADIATION FACILITY RADIOCHEMISTRY PROCEDURES MANUAL" US EPA EPA 520/5-84-006 AUGUST 1984

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

METHOD / ANALYST SUMMARY

D7F120221

ANALYTICAL METHOD	ANALYST	ANALYST ID
EPA 906.0 MOD	Gary Schnaare	403058
MCAWW 160.1	Kevin Bloom	006134
MCAWW 160.3 MOD	Tamera J. Overton	1229
SW846 6010B	Lynn-Anne Trudell	006645
SW846 6010B	Lynn-Anne Trudell	6645
SW846 7470A	David Wells	5099
SW846 7471A	David Wells	5099
SW846 8015B	Adam Pavlakovich	003128
SW846 8015B	Heather Dybas	038161
SW846 8081A	Dennis Jonsrud	009226
SW846 8082	Teresa L. Williams	002510
SW846 8151A	Lynnae Garrett	003781
SW846 8260B	Dan Appelhans	001008
SW846 8260B	Greg Meier	006004
SW846 8270C	Daniel Kiekel	011370
SW846 8270C	Mike G. Hoffman	001880

References:

EPA "EASTERN ENVIRONMENTAL RADIATION FACILITY RADIOCHEMISTRY PROCEDURES MANUAL" US EPA EPA 520/5-84-006 AUGUST 1984

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

D7F120221

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J0R0N	001	SS18-MW02	06/09/07	10:22
J0R0V	002	WL-12-03	06/09/07	10:45
J0R00	003	TRIP BLANK COOLER 1	06/09/07	
J0R01	004	TRIP BLANK COOLER 2	06/09/07	
J0R02	005	OT20-MW03	06/10/07	10:23
J0R1D	006	OT20-MW03-A	06/10/07	10:23
J0R1L	007	OT20-MW02	06/10/07	11:05
J0R1P	008	OT20-MW01	06/10/07	11:45
J0R1T	009	SS18-MW04	06/10/07	13:35
J0R11	010	TRIP BLANK COOLER 3	06/10/07	
J0R14	011	TRIP BLANK COOLER 4	06/10/07	
J0R2H	012	TRIP BLANK COOLER 9	06/10/07	
J0R2J	013	TRIP BLANK COOLER 10	06/10/07	
J0R2K	014	RW42-DP01-10	06/10/07	13:00
J0R2T	015	RW42-DP01-16	06/10/07	13:10
J0R2W	016	RW42-DP01-24	06/10/07	13:20
J0R20	017	RW42-DP01-24A	06/10/07	13:20
J0R21	018	RW42-DP02-10	06/10/07	13:45
J0R24	019	RW42-DP02-16	06/10/07	14:00
J0R25	020	RW42-DP02-24	06/10/07	14:15
J0R26	021	RW42-DP03-10	06/10/07	14:45
J0R3G	022	RW42-DP03-16	06/10/07	15:00
J0R3H	023	RW42-DP03-24	06/10/07	15:15
J0R3K	024	RW42-DP04-10	06/10/07	15:30
J0R3N	025	RW42-DP04-16	06/10/07	15:45
J0R3R	026	RW42-DP04-24	06/10/07	16:00
J0R3T	027	RW42-DP04-24A	06/10/07	16:00
J0R3X	028	TRIP BLANK COOLER 6	06/10/07	
J0R31	029	TRIP BLANK COOLER 7	06/10/07	
J0R32	030	TRIP BLANK COOLER 8	06/10/07	
J0R33	031	OT38-DP03-10	06/11/07	08:15
J0R4F	032	OT37-DP09-2	06/11/07	08:45
J0R4M	033	OT37-DP09-10	06/11/07	08:50
J0R4P	034	OT37-DP10-2	06/11/07	09:00
J0R4T	035	OT37-DP10-10	06/11/07	09:05
J0R4V	036	TRIP BLANK COOLER 11	06/11/07	

(Continued on next page)

SAMPLE SUMMARY

D7F120221

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

Bhate Environmental Associates

Client Sample ID: SS18-MW02

GC/MS Volatiles

Lot-Sample #...: D7F120221-001 **Work Order #...:** J0R0N1A5 **Matrix.....:** WG
Date Sampled...: 06/09/07 10:22 **Date Received..:** 06/12/07
Prep Date.....: 06/23/07 **Analysis Date..:** 06/23/07
Prep Batch #...: 7176173 **Analysis Time..:** 10:08
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.9
Benzene	ND	1.0	ug/L	0.16
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	1.0	ug/L	0.19
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	ND	6.0	ug/L	1.8
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	**5.1**	**1.0**	**ug/L**	**0.16**
Chloromethane	**0.53 J**	**2.0**	**ug/L**	**0.30**
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	**8.2**	**1.0**	**ug/L**	**0.16**
1,2-Dichloroethane	**0.14 J**	**1.0**	**ug/L**	**0.13**
1,1-Dichloroethene	**12**	**1.0**	**ug/L**	**0.14**
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	ND	5.0	ug/L	1.4
Methylene chloride	ND	5.0	ug/L	0.32
4-Methyl-2-pentanone	ND	5.0	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.32

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Bhate Environmental Associates

Client Sample ID: SS18-MW02

GC/MS Volatiles

Lot-Sample #...: D7F120221-001 **Work Order #...:** J0R0N1A5 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	**3.9**	**1.0**	**ug/L**	**0.16**
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	ND	1.0	ug/L	0.17
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	87	(77 - 119)
1,2-Dichloroethane-d4	77	(70 - 127)
4-Bromofluorobenzene	98	(78 - 118)
Toluene-d8	106	(83 - 125)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: WL-12-03

GC/MS Volatiles

Lot-Sample #...: D7F120221-002 **Work Order #...:** J0R0V1AM **Matrix.....:** WG
Date Sampled...: 06/09/07 10:45 **Date Received..:** 06/12/07
Prep Date.....: 06/23/07 **Analysis Date..:** 06/23/07
Prep Batch #...: 7176173 **Analysis Time..:** 10:27
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.9
Benzene	ND	1.0	ug/L	0.16
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	1.0	ug/L	0.19
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	ND	6.0	ug/L	1.8
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	2.0	ug/L	0.30
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	1.0	ug/L	0.14
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	ND	5.0	ug/L	1.4
Methylene chloride	ND	5.0	ug/L	0.32
4-Methyl-2-pentanone	ND	5.0	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.32

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Bhate Environmental Associates

Client Sample ID: WL-12-03

GC/MS Volatiles

Lot-Sample #...: D7F120221-002 **Work Order #...:** J0R0V1AM **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	ND	1.0	ug/L	0.17
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	94	(77 - 119)
1,2-Dichloroethane-d4	91	(70 - 127)
4-Bromofluorobenzene	102	(78 - 118)
Toluene-d8	102	(83 - 125)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: TRIP BLANK COOLER 1

GC/MS Volatiles

Lot-Sample #...: D7F120221-003 **Work Order #...:** J0R001AA **Matrix.....:** WQ
Date Sampled...: 06/09/07 **Date Received..:** 06/12/07
Prep Date.....: 06/23/07 **Analysis Date..:** 06/23/07
Prep Batch #...: 7176173 **Analysis Time..:** 10:46
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.9
Benzene	ND	1.0	ug/L	0.16
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	1.0	ug/L	0.19
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	ND	6.0	ug/L	1.8
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	2.0	ug/L	0.30
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	1.0	ug/L	0.14
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	ND	5.0	ug/L	1.4
Methylene chloride	ND	5.0	ug/L	0.32
4-Methyl-2-pentanone	ND	5.0	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.32

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Bhate Environmental Associates

Client Sample ID: TRIP BLANK COOLER 1

GC/MS Volatiles

Lot-Sample #...: D7F120221-003 **Work Order #...:** J0R001AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	ND	1.0	ug/L	0.17
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	92	(77 - 119)
1,2-Dichloroethane-d4	84	(70 - 127)
4-Bromofluorobenzene	100	(78 - 118)
Toluene-d8	106	(83 - 125)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: TRIP BLANK COOLER 2

GC/MS Volatiles

Lot-Sample #...: D7F120221-004 **Work Order #...:** J0R011AA **Matrix.....:** WQ
Date Sampled...: 06/09/07 **Date Received..:** 06/12/07
Prep Date.....: 06/23/07 **Analysis Date..:** 06/23/07
Prep Batch #...: 7176173 **Analysis Time..:** 11:05
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.9
Benzene	ND	1.0	ug/L	0.16
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	1.0	ug/L	0.19
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	ND	6.0	ug/L	1.8
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	2.0	ug/L	0.30
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	1.0	ug/L	0.14
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	ND	5.0	ug/L	1.4
Methylene chloride	ND	5.0	ug/L	0.32
4-Methyl-2-pentanone	ND	5.0	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.32

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Bhate Environmental Associates

Client Sample ID: TRIP BLANK COOLER 2

GC/MS Volatiles

Lot-Sample #...: D7F120221-004 **Work Order #...:** J0R011AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	ND	1.0	ug/L	0.17
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	90	(77 - 119)
1,2-Dichloroethane-d4	86	(70 - 127)
4-Bromofluorobenzene	104	(78 - 118)
Toluene-d8	106	(83 - 125)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: OT20-MW03

GC/MS Volatiles

Lot-Sample #...: D7F120221-005 **Work Order #...:** J0R021AQ **Matrix.....:** WG
Date Sampled...: 06/10/07 10:23 **Date Received..:** 06/12/07
Prep Date.....: 06/24/07 **Analysis Date..:** 06/24/07
Prep Batch #...: 7176174 **Analysis Time..:** 12:45
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.9
Benzene	ND	1.0	ug/L	0.16
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	1.0	ug/L	0.19
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	ND	6.0	ug/L	1.8
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	2.0	ug/L	0.30
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	1.0	ug/L	0.14
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	ND	5.0	ug/L	1.4
Methylene chloride	ND	5.0	ug/L	0.32
4-Methyl-2-pentanone	ND	5.0	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	**5.3**	**1.0**	**ug/L**	**0.20**
Toluene	ND	1.0	ug/L	0.17
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.32

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Bhate Environmental Associates

Client Sample ID: OT20-MW03

GC/MS Volatiles

Lot-Sample #...: D7F120221-005 **Work Order #...:** J0R021AQ **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	ND	1.0	ug/L	0.17
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	95	(77 - 119)
1,2-Dichloroethane-d4	95	(70 - 127)
4-Bromofluorobenzene	103	(78 - 118)
Toluene-d8	99	(83 - 125)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: OT20-MW03-A

GC/MS Volatiles

Lot-Sample #...: D7F120221-006 **Work Order #...:** J0R1D1AQ **Matrix.....:** WG
Date Sampled...: 06/10/07 10:23 **Date Received..:** 06/12/07
Prep Date.....: 06/24/07 **Analysis Date..:** 06/24/07
Prep Batch #...: 7176174 **Analysis Time..:** 14:01
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.9
Benzene	ND	1.0	ug/L	0.16
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	1.0	ug/L	0.19
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	ND	6.0	ug/L	1.8
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	**0.43 J**	**2.0**	**ug/L**	**0.30**
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	1.0	ug/L	0.14
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	ND	5.0	ug/L	1.4
Methylene chloride	ND	5.0	ug/L	0.32
4-Methyl-2-pentanone	ND	5.0	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	**3.4**	**1.0**	**ug/L**	**0.20**
Toluene	ND	1.0	ug/L	0.17
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.32

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Bhate Environmental Associates

Client Sample ID: OT20-MW03-A

GC/MS Volatiles

Lot-Sample #...: D7F120221-006 **Work Order #...:** J0R1D1AQ **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	ND	1.0	ug/L	0.17
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	100	(77 - 119)
1,2-Dichloroethane-d4	103	(70 - 127)
4-Bromofluorobenzene	106	(78 - 118)
Toluene-d8	99	(83 - 125)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: OT20-MW02

GC/MS Volatiles

Lot-Sample #...: D7F120221-007 **Work Order #...:** J0R1L1AA **Matrix.....:** WG
Date Sampled...: 06/10/07 11:05 **Date Received..:** 06/12/07
Prep Date.....: 06/24/07 **Analysis Date..:** 06/24/07
Prep Batch #...: 7176174 **Analysis Time..:** 14:21
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**31**	**10**	**ug/L**	**1.9**
Benzene	ND	1.0	ug/L	0.16
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	1.0	ug/L	0.19
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	**8.2**	**6.0**	**ug/L**	**1.8**
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	**1.0 J**	**2.0**	**ug/L**	**0.30**
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	1.0	ug/L	0.14
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	ND	5.0	ug/L	1.4
Methylene chloride	ND	5.0	ug/L	0.32
4-Methyl-2-pentanone	**0.73 J**	**5.0**	**ug/L**	**0.49**
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	**4.6**	**1.0**	**ug/L**	**0.20**
Toluene	ND	1.0	ug/L	0.17
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.32

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Bhate Environmental Associates

Client Sample ID: OT20-MW02

GC/MS Volatiles

Lot-Sample #...: D7F120221-007 **Work Order #...:** J0R1L1AA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	ND	1.0	ug/L	0.17
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	100	(77 - 119)
1,2-Dichloroethane-d4	105	(70 - 127)
4-Bromofluorobenzene	107	(78 - 118)
Toluene-d8	95	(83 - 125)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: OT20-MW01

GC/MS Volatiles

Lot-Sample #...: D7F120221-008 **Work Order #...:** J0R1P1AA **Matrix.....:** WG
Date Sampled...: 06/10/07 11:45 **Date Received..:** 06/12/07
Prep Date.....: 06/24/07 **Analysis Date..:** 06/24/07
Prep Batch #...: 7176174 **Analysis Time..:** 14:40
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**39**	**10**	**ug/L**	**1.9**
Benzene	**0.19 J**	**1.0**	**ug/L**	**0.16**
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	1.0	ug/L	0.19
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	**9.9**	**6.0**	**ug/L**	**1.8**
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	**1.5 J**	**2.0**	**ug/L**	**0.30**
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	1.0	ug/L	0.14
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	ND	5.0	ug/L	1.4
Methylene chloride	ND	5.0	ug/L	0.32
4-Methyl-2-pentanone	**0.76 J**	**5.0**	**ug/L**	**0.49**
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.32

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Bhate Environmental Associates

Client Sample ID: OT20-MW01

GC/MS Volatiles

Lot-Sample #...: D7F120221-008 **Work Order #...:** J0R1P1AA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	ND	1.0	ug/L	0.17
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	101	(77 - 119)
1,2-Dichloroethane-d4	105	(70 - 127)
4-Bromofluorobenzene	106	(78 - 118)
Toluene-d8	98	(83 - 125)

NOTE(S):

J Estimated result. Result is less than RL.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: TRIP BLANK COOLER 3

GC/MS Volatiles

Lot-Sample #...: D7F120221-010 **Work Order #...:** J0R111AA **Matrix.....:** WQ
Date Sampled...: 06/10/07 **Date Received..:** 06/12/07
Prep Date.....: 06/24/07 **Analysis Date..:** 06/24/07
Prep Batch #...: 7176174 **Analysis Time..:** 14:59
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.9
Benzene	ND	1.0	ug/L	0.16
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	1.0	ug/L	0.19
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	ND	6.0	ug/L	1.8
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	2.0	ug/L	0.30
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	1.0	ug/L	0.14
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	ND	5.0	ug/L	1.4
Methylene chloride	ND	5.0	ug/L	0.32
4-Methyl-2-pentanone	ND	5.0	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.32

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Bhate Environmental Associates

Client Sample ID: TRIP BLANK COOLER 3

GC/MS Volatiles

Lot-Sample #...: D7F120221-010 **Work Order #...:** J0R111AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	ND	1.0	ug/L	0.17
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	94	(77 - 119)
1,2-Dichloroethane-d4	91	(70 - 127)
4-Bromofluorobenzene	102	(78 - 118)
Toluene-d8	99	(83 - 125)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: TRIP BLANK COOLER 4

GC/MS Volatiles

Lot-Sample #...: D7F120221-011 **Work Order #...:** J0R141AA **Matrix.....:** WQ
Date Sampled...: 06/10/07 **Date Received..:** 06/12/07
Prep Date.....: 06/24/07 **Analysis Date..:** 06/24/07
Prep Batch #...: 7176174 **Analysis Time..:** 15:18
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.9
Benzene	ND	1.0	ug/L	0.16
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	1.0	ug/L	0.19
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	ND	6.0	ug/L	1.8
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	2.0	ug/L	0.30
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	1.0	ug/L	0.14
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	ND	5.0	ug/L	1.4
Methylene chloride	ND	5.0	ug/L	0.32
4-Methyl-2-pentanone	ND	5.0	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.32

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Bhate Environmental Associates

Client Sample ID: TRIP BLANK COOLER 4

GC/MS Volatiles

Lot-Sample #...: D7F120221-011 **Work Order #...:** J0R141AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	ND	1.0	ug/L	0.17
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	101	(77 - 119)
1,2-Dichloroethane-d4	97	(70 - 127)
4-Bromofluorobenzene	107	(78 - 118)
Toluene-d8	105	(83 - 125)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: TRIP BLANK COOLER 9

GC/MS Volatiles

Lot-Sample #...: D7F120221-012
Date Sampled...: 06/10/07
Prep Date.....: 06/24/07
Prep Batch #...: 7176174
Dilution Factor: 1

Work Order #...: J0R2H1AA
Date Received..: 06/12/07
Analysis Date..: 06/24/07
Analysis Time..: 15:37

Matrix.....: WQ

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.9
Benzene	ND	1.0	ug/L	0.16
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	1.0	ug/L	0.19
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	ND	6.0	ug/L	1.8
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	2.0	ug/L	0.30
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	1.0	ug/L	0.14
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	ND	5.0	ug/L	1.4
Methylene chloride	ND	5.0	ug/L	0.32
4-Methyl-2-pentanone	ND	5.0	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.32

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Bhate Environmental Associates

Client Sample ID: TRIP BLANK COOLER 9

GC/MS Volatiles

Lot-Sample #...: D7F120221-012 **Work Order #...:** J0R2H1AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	ND	1.0	ug/L	0.17
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	95	(77 - 119)
1,2-Dichloroethane-d4	91	(70 - 127)
4-Bromofluorobenzene	104	(78 - 118)
Toluene-d8	101	(83 - 125)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: TRIP BLANK COOLER 10

GC/MS Volatiles

Lot-Sample #...: D7F120221-013 **Work Order #...:** J0R2J1AA **Matrix.....:** WQ
Date Sampled...: 06/10/07 **Date Received..:** 06/12/07
Prep Date.....: 06/24/07 **Analysis Date..:** 06/24/07
Prep Batch #...: 7176174 **Analysis Time..:** 15:57
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.9
Benzene	ND	1.0	ug/L	0.16
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	1.0	ug/L	0.19
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	ND	6.0	ug/L	1.8
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	2.0	ug/L	0.30
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	1.0	ug/L	0.14
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	ND	5.0	ug/L	1.4
Methylene chloride	ND	5.0	ug/L	0.32
4-Methyl-2-pentanone	ND	5.0	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.32

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Bhate Environmental Associates

Client Sample ID: TRIP BLANK COOLER 10

GC/MS Volatiles

Lot-Sample #...: D7F120221-013 **Work Order #...:** J0R2J1AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	ND	1.0	ug/L	0.17
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	94	(77 - 119)
1,2-Dichloroethane-d4	91	(70 - 127)
4-Bromofluorobenzene	100	(78 - 118)
Toluene-d8	97	(83 - 125)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: RW42-DP01-10

GC/MS Volatiles

Lot-Sample #...: D7F120221-014 **Work Order #...:** J0R2K1A8 **Matrix.....:** SO
Date Sampled...: 06/10/07 13:00 **Date Received..:** 06/12/07
Prep Date.....: 06/12/07 **Analysis Date..:** 06/18/07
Prep Batch #...: 7170404 **Analysis Time..:** 16:11
Dilution Factor: 1.01

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	23	ug/kg	6.2
Benzene	ND	5.8	ug/kg	0.54
Bromodichloromethane	ND	5.8	ug/kg	0.25
Bromoform	ND	5.8	ug/kg	0.27
Bromomethane	ND	12	ug/kg	0.58
2-Butanone (MEK)	ND	23	ug/kg	2.1
Carbon tetrachloride	ND	5.8	ug/kg	0.73
Chlorobenzene	ND	5.8	ug/kg	0.62
Chloroethane	ND	12	ug/kg	1.0
Chloroform	ND	12	ug/kg	0.33
Chloromethane	ND	12	ug/kg	0.89
Dibromomethane	ND	5.8	ug/kg	0.97
1,2-Dibromoethane (EDB)	ND	5.8	ug/kg	0.60
1,2-Dichlorobenzene	ND	5.8	ug/kg	0.52
1,3-Dichlorobenzene	ND	5.8	ug/kg	0.55
1,4-Dichlorobenzene	ND	5.8	ug/kg	0.90
Dichlorodifluoromethane	ND	12	ug/kg	0.60
1,1-Dichloroethane	ND	5.8	ug/kg	0.24
1,2-Dichloroethane	ND	5.8	ug/kg	0.81
1,1-Dichloroethene	ND	5.8	ug/kg	0.68
1,2-Dichloroethene (total)	ND	5.8	ug/kg	0.45
cis-1,2-Dichloroethene	ND	2.9	ug/kg	0.65
trans-1,2-Dichloroethene	ND	2.9	ug/kg	0.45
1,2-Dichloropropane	ND	5.8	ug/kg	0.63
cis-1,3-Dichloropropene	ND	5.8	ug/kg	1.5
trans-1,3-Dichloropropene	ND	5.8	ug/kg	0.77
Ethylbenzene	ND	5.8	ug/kg	0.77
2-Hexanone	ND	23	ug/kg	5.6
Methylene chloride	ND	5.8	ug/kg	0.87
4-Methyl-2-pentanone	ND	23	ug/kg	5.0
Styrene	ND	5.8	ug/kg	0.73
1,1,1,2-Tetrachloroethane	ND	5.8	ug/kg	0.65
1,1,2,2-Tetrachloroethane	ND	5.8	ug/kg	0.70
Tetrachloroethene	ND	5.8	ug/kg	0.68
Toluene	ND	5.8	ug/kg	0.80
1,2,4-Trichloro-benzene	ND	5.8	ug/kg	0.84

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Bhate Environmental Associates

Client Sample ID: RW42-DP01-10

GC/MS Volatiles

Lot-Sample #...: D7F120221-014 **Work Order #...:** J0R2K1A8 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	5.8	ug/kg	0.60
1,1,2-Trichloroethane	ND	5.8	ug/kg	1.0
Trichloroethene	ND	5.8	ug/kg	0.27
Trichlorofluoromethane	ND	12	ug/kg	1.2
1,2,3-Trichloropropane	ND	5.8	ug/kg	0.93
Vinyl chloride	ND	5.8	ug/kg	1.5
Xylenes (total)	ND	5.8	ug/kg	0.70
n-Butylbenzene	ND	5.8	ug/kg	0.65
sec-Butylbenzene	ND	5.8	ug/kg	0.89
Isopropylbenzene	ND	5.8	ug/kg	0.68
1,2,4-Trimethylbenzene	ND	5.8	ug/kg	0.67
1,3,5-Trimethylbenzene	ND	5.8	ug/kg	0.66
n-Propylbenzene	ND	5.8	ug/kg	0.67
tert-Butylbenzene	ND	5.8	ug/kg	0.58
Dibromochloromethane	ND	5.8	ug/kg	0.66
2-Chlorotoluene	ND	5.8	ug/kg	0.59
4-Chlorotoluene	ND	5.8	ug/kg	0.90
1,2-Dibromo-3-chloropropane (DBCP)	ND	12	ug/kg	0.69
1,3-Dichloropropane	ND	5.8	ug/kg	0.59
2,2-Dichloropropane	ND	5.8	ug/kg	0.51
1,1-Dichloropropene	ND	5.8	ug/kg	0.62
Hexachlorobutadiene	ND	5.8	ug/kg	0.63
4-Isopropyltoluene	ND	5.8	ug/kg	0.57
Methyl tert-butyl ether	ND	23	ug/kg	0.39
1,2,3-Trichlorobenzene	ND	5.8	ug/kg	0.87
m-Xylene & p-Xylene	ND	2.9	ug/kg	1.2
o-Xylene	ND	2.9	ug/kg	0.70
Bromobenzene	ND	5.8	ug/kg	0.57
Bromochloromethane	ND	5.8	ug/kg	0.35
Naphthalene	**0.76 J,B**	**5.8**	**ug/kg**	**0.73**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	108	(75 - 121)
1,2-Dichloroethane-d4	88	(58 - 140)
4-Bromofluorobenzene	99	(76 - 127)
Toluene-d8	102	(80 - 126)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: RW42-DP01-16

GC/MS Volatiles

Lot-Sample #...: D7F120221-015 **Work Order #...:** J0R2T1AK **Matrix.....:** SO
Date Sampled...: 06/10/07 13:10 **Date Received..:** 06/12/07
Prep Date.....: 06/12/07 **Analysis Date..:** 06/18/07
Prep Batch #...: 7170404 **Analysis Time..:** 16:33
Dilution Factor: 0.95

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	21	ug/kg	5.6
Benzene	ND	5.2	ug/kg	0.49
Bromodichloromethane	ND	5.2	ug/kg	0.23
Bromoform	ND	5.2	ug/kg	0.24
Bromomethane	ND	10	ug/kg	0.52
2-Butanone (MEK)	ND	21	ug/kg	1.9
Carbon tetrachloride	ND	5.2	ug/kg	0.65
Chlorobenzene	ND	5.2	ug/kg	0.56
Chloroethane	ND	10	ug/kg	0.92
Chloroform	ND	10	ug/kg	0.30
Chloromethane	ND	10	ug/kg	0.80
Dibromomethane	ND	5.2	ug/kg	0.87
1,2-Dibromoethane (EDB)	ND	5.2	ug/kg	0.54
1,2-Dichlorobenzene	ND	5.2	ug/kg	0.47
1,3-Dichlorobenzene	ND	5.2	ug/kg	0.50
1,4-Dichlorobenzene	ND	5.2	ug/kg	0.81
Dichlorodifluoromethane	ND	10	ug/kg	0.54
1,1-Dichloroethane	ND	5.2	ug/kg	0.22
1,2-Dichloroethane	ND	5.2	ug/kg	0.73
1,1-Dichloroethene	ND	5.2	ug/kg	0.61
1,2-Dichloroethene (total)	ND	5.2	ug/kg	0.40
cis-1,2-Dichloroethene	ND	2.6	ug/kg	0.58
trans-1,2-Dichloroethene	ND	2.6	ug/kg	0.40
1,2-Dichloropropane	ND	5.2	ug/kg	0.57
cis-1,3-Dichloropropene	ND	5.2	ug/kg	1.3
trans-1,3-Dichloropropene	ND	5.2	ug/kg	0.70
Ethylbenzene	ND	5.2	ug/kg	0.70
2-Hexanone	ND	21	ug/kg	5.1
Methylene chloride	ND	5.2	ug/kg	0.78
4-Methyl-2-pentanone	ND	21	ug/kg	4.5
Styrene	ND	5.2	ug/kg	0.65
1,1,1,2-Tetrachloroethane	ND	5.2	ug/kg	0.58
1,1,2,2-Tetrachloroethane	ND	5.2	ug/kg	0.63
Tetrachloroethene	ND	5.2	ug/kg	0.61
Toluene	ND	5.2	ug/kg	0.72
1,2,4-Trichloro-benzene	ND	5.2	ug/kg	0.76

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Bhate Environmental Associates

Client Sample ID: RW42-DP01-16

GC/MS Volatiles

Lot-Sample #...: D7F120221-015 **Work Order #...:** J0R2T1AK **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	5.2	ug/kg	0.54
1,1,2-Trichloroethane	ND	5.2	ug/kg	0.91
Trichloroethene	ND	5.2	ug/kg	0.24
Trichlorofluoromethane	ND	10	ug/kg	1.1
1,2,3-Trichloropropane	ND	5.2	ug/kg	0.84
Vinyl chloride	ND	5.2	ug/kg	1.4
Xylenes (total)	ND	5.2	ug/kg	0.63
n-Butylbenzene	ND	5.2	ug/kg	0.58
sec-Butylbenzene	ND	5.2	ug/kg	0.80
Isopropylbenzene	ND	5.2	ug/kg	0.61
1,2,4-Trimethylbenzene	ND	5.2	ug/kg	0.60
1,3,5-Trimethylbenzene	ND	5.2	ug/kg	0.59
n-Propylbenzene	ND	5.2	ug/kg	0.60
tert-Butylbenzene	ND	5.2	ug/kg	0.52
Dibromochloromethane	ND	5.2	ug/kg	0.59
2-Chlorotoluene	ND	5.2	ug/kg	0.53
4-Chlorotoluene	ND	5.2	ug/kg	0.81
1,2-Dibromo-3-chloropropane (DBCP)	ND	10	ug/kg	0.62
1,3-Dichloropropane	ND	5.2	ug/kg	0.53
2,2-Dichloropropane	ND	5.2	ug/kg	0.46
1,1-Dichloropropene	ND	5.2	ug/kg	0.56
Hexachlorobutadiene	ND	5.2	ug/kg	0.57
4-Isopropyltoluene	ND	5.2	ug/kg	0.51
Methyl tert-butyl ether	ND	21	ug/kg	0.35
1,2,3-Trichlorobenzene	ND	5.2	ug/kg	0.78
m-Xylene & p-Xylene	ND	2.6	ug/kg	1.1
o-Xylene	ND	2.6	ug/kg	0.63
Bromobenzene	ND	5.2	ug/kg	0.51
Bromochloromethane	ND	5.2	ug/kg	0.31
Naphthalene	ND	5.2	ug/kg	0.65

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	110	(75 - 121)
1,2-Dichloroethane-d4	93	(58 - 140)
4-Bromofluorobenzene	100	(76 - 127)
Toluene-d8	100	(80 - 126)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: RW42-DP01-24

GC/MS Volatiles

Lot-Sample #...: D7F120221-016 **Work Order #...:** J0R2W1AK **Matrix.....:** SO
Date Sampled...: 06/10/07 13:20 **Date Received..:** 06/12/07
Prep Date.....: 06/12/07 **Analysis Date..:** 06/18/07
Prep Batch #...: 7170404 **Analysis Time..:** 16:55
Dilution Factor: 0.99

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**9.5 J**	**23**	**ug/kg**	**6.3**
Benzene	ND	5.9	ug/kg	0.55
Bromodichloromethane	ND	5.9	ug/kg	0.26
Bromoform	ND	5.9	ug/kg	0.27
Bromomethane	ND	12	ug/kg	0.59
2-Butanone (MEK)	**2.9 J**	**23**	**ug/kg**	**2.1**
Carbon tetrachloride	ND	5.9	ug/kg	0.74
Chlorobenzene	ND	5.9	ug/kg	0.63
Chloroethane	ND	12	ug/kg	1.0
Chloroform	ND	12	ug/kg	0.34
Chloromethane	ND	12	ug/kg	0.90
Dibromomethane	ND	5.9	ug/kg	0.98
1,2-Dibromoethane (EDB)	ND	5.9	ug/kg	0.61
1,2-Dichlorobenzene	ND	5.9	ug/kg	0.53
1,3-Dichlorobenzene	ND	5.9	ug/kg	0.56
1,4-Dichlorobenzene	ND	5.9	ug/kg	0.91
Dichlorodifluoromethane	ND	12	ug/kg	0.61
1,1-Dichloroethane	ND	5.9	ug/kg	0.25
1,2-Dichloroethane	ND	5.9	ug/kg	0.82
1,1-Dichloroethene	ND	5.9	ug/kg	0.69
1,2-Dichloroethene (total)	ND	5.9	ug/kg	0.46
cis-1,2-Dichloroethene	ND	2.9	ug/kg	0.66
trans-1,2-Dichloroethene	ND	2.9	ug/kg	0.46
1,2-Dichloropropane	ND	5.9	ug/kg	0.64
cis-1,3-Dichloropropene	ND	5.9	ug/kg	1.5
trans-1,3-Dichloropropene	ND	5.9	ug/kg	0.78
Ethylbenzene	ND	5.9	ug/kg	0.78
2-Hexanone	ND	23	ug/kg	5.7
Methylene chloride	ND	5.9	ug/kg	0.88
4-Methyl-2-pentanone	ND	23	ug/kg	5.1
Styrene	ND	5.9	ug/kg	0.74
1,1,1,2-Tetrachloroethane	ND	5.9	ug/kg	0.66
1,1,2,2-Tetrachloroethane	ND	5.9	ug/kg	0.71
Tetrachloroethene	ND	5.9	ug/kg	0.69
Toluene	ND	5.9	ug/kg	0.81
1,2,4-Trichloro-benzene	ND	5.9	ug/kg	0.86

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Bhate Environmental Associates

Client Sample ID: RW42-DP01-24

GC/MS Volatiles

Lot-Sample #...: D7F120221-016 **Work Order #...:** J0R2W1AK **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	5.9	ug/kg	0.61
1,1,2-Trichloroethane	ND	5.9	ug/kg	1.0
Trichloroethene	ND	5.9	ug/kg	0.27
Trichlorofluoromethane	ND	12	ug/kg	1.2
1,2,3-Trichloropropane	ND	5.9	ug/kg	0.95
Vinyl chloride	ND	5.9	ug/kg	1.6
Xylenes (total)	ND	5.9	ug/kg	0.71
n-Butylbenzene	ND	5.9	ug/kg	0.66
sec-Butylbenzene	ND	5.9	ug/kg	0.90
Isopropylbenzene	ND	5.9	ug/kg	0.69
1,2,4-Trimethylbenzene	ND	5.9	ug/kg	0.68
1,3,5-Trimethylbenzene	ND	5.9	ug/kg	0.67
n-Propylbenzene	ND	5.9	ug/kg	0.68
tert-Butylbenzene	ND	5.9	ug/kg	0.59
Dibromochloromethane	ND	5.9	ug/kg	0.67
2-Chlorotoluene	ND	5.9	ug/kg	0.60
4-Chlorotoluene	ND	5.9	ug/kg	0.91
1,2-Dibromo-3-chloropropane (DBCP)	ND	12	ug/kg	0.70
1,3-Dichloropropane	ND	5.9	ug/kg	0.60
2,2-Dichloropropane	ND	5.9	ug/kg	0.52
1,1-Dichloropropene	ND	5.9	ug/kg	0.63
Hexachlorobutadiene	ND	5.9	ug/kg	0.64
4-Isopropyltoluene	ND	5.9	ug/kg	0.57
Methyl tert-butyl ether	ND	23	ug/kg	0.40
1,2,3-Trichlorobenzene	ND	5.9	ug/kg	0.88
m-Xylene & p-Xylene	ND	2.9	ug/kg	1.2
o-Xylene	ND	2.9	ug/kg	0.71
Bromobenzene	ND	5.9	ug/kg	0.57
Bromochloromethane	ND	5.9	ug/kg	0.35
Naphthalene	ND	5.9	ug/kg	0.74

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	115	(75 - 121)
1,2-Dichloroethane-d4	95	(58 - 140)
4-Bromofluorobenzene	102	(76 - 127)
Toluene-d8	100	(80 - 126)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: RW42-DP01-24A

GC/MS Volatiles

Lot-Sample #...: D7F120221-017 **Work Order #...:** J0R201AK **Matrix.....:** SO
Date Sampled...: 06/10/07 13:20 **Date Received..:** 06/12/07
Prep Date.....: 06/12/07 **Analysis Date..:** 06/18/07
Prep Batch #...: 7170404 **Analysis Time..:** 17:17
Dilution Factor: 1.13

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**8.2 J**	**26**	**ug/kg**	**7.0**
Benzene	ND	6.5	ug/kg	0.61
Bromodichloromethane	ND	6.5	ug/kg	0.29
Bromoform	ND	6.5	ug/kg	0.30
Bromomethane	ND	13	ug/kg	0.65
2-Butanone (MEK)	ND	26	ug/kg	2.4
Carbon tetrachloride	ND	6.5	ug/kg	0.82
Chlorobenzene	ND	6.5	ug/kg	0.71
Chloroethane	ND	13	ug/kg	1.2
Chloroform	ND	13	ug/kg	0.38
Chloromethane	ND	13	ug/kg	1.0
Dibromomethane	ND	6.5	ug/kg	1.1
1,2-Dibromoethane (EDB)	ND	6.5	ug/kg	0.68
1,2-Dichlorobenzene	ND	6.5	ug/kg	0.59
1,3-Dichlorobenzene	ND	6.5	ug/kg	0.63
1,4-Dichlorobenzene	ND	6.5	ug/kg	1.0
Dichlorodifluoromethane	ND	13	ug/kg	0.68
1,1-Dichloroethane	ND	6.5	ug/kg	0.27
1,2-Dichloroethane	ND	6.5	ug/kg	0.92
1,1-Dichloroethene	ND	6.5	ug/kg	0.77
1,2-Dichloroethene (total)	ND	6.5	ug/kg	0.51
cis-1,2-Dichloroethene	ND	3.3	ug/kg	0.73
trans-1,2-Dichloroethene	ND	3.3	ug/kg	0.51
1,2-Dichloropropane	ND	6.5	ug/kg	0.72
cis-1,3-Dichloropropene	ND	6.5	ug/kg	1.7
trans-1,3-Dichloropropene	ND	6.5	ug/kg	0.88
Ethylbenzene	ND	6.5	ug/kg	0.88
2-Hexanone	ND	26	ug/kg	6.4
Methylene chloride	ND	6.5	ug/kg	0.98
4-Methyl-2-pentanone	ND	26	ug/kg	5.7
Styrene	ND	6.5	ug/kg	0.82
1,1,1,2-Tetrachloroethane	ND	6.5	ug/kg	0.73
1,1,2,2-Tetrachloroethane	ND	6.5	ug/kg	0.80
Tetrachloroethene	ND	6.5	ug/kg	0.77
Toluene	ND	6.5	ug/kg	0.90
1,2,4-Trichloro-benzene	ND	6.5	ug/kg	0.95

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Bhate Environmental Associates

Client Sample ID: RW42-DP01-24A

GC/MS Volatiles

Lot-Sample #...: D7F120221-017 **Work Order #...:** J0R201AK **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	6.5	ug/kg	0.68
1,1,2-Trichloroethane	ND	6.5	ug/kg	1.2
Trichloroethene	ND	6.5	ug/kg	0.30
Trichlorofluoromethane	ND	13	ug/kg	1.4
1,2,3-Trichloropropane	ND	6.5	ug/kg	1.1
Vinyl chloride	ND	6.5	ug/kg	1.8
Xylenes (total)	ND	6.5	ug/kg	0.80
n-Butylbenzene	ND	6.5	ug/kg	0.73
sec-Butylbenzene	ND	6.5	ug/kg	1.0
Isopropylbenzene	ND	6.5	ug/kg	0.77
1,2,4-Trimethylbenzene	ND	6.5	ug/kg	0.76
1,3,5-Trimethylbenzene	ND	6.5	ug/kg	0.75
n-Propylbenzene	ND	6.5	ug/kg	0.76
tert-Butylbenzene	ND	6.5	ug/kg	0.65
Dibromochloromethane	ND	6.5	ug/kg	0.75
2-Chlorotoluene	ND	6.5	ug/kg	0.67
4-Chlorotoluene	ND	6.5	ug/kg	1.0
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/kg	0.78
1,3-Dichloropropane	ND	6.5	ug/kg	0.67
2,2-Dichloropropane	ND	6.5	ug/kg	0.58
1,1-Dichloropropene	ND	6.5	ug/kg	0.71
Hexachlorobutadiene	ND	6.5	ug/kg	0.72
4-Isopropyltoluene	ND	6.5	ug/kg	0.64
Methyl tert-butyl ether	ND	26	ug/kg	0.44
1,2,3-Trichlorobenzene	ND	6.5	ug/kg	0.98
m-Xylene & p-Xylene	ND	3.3	ug/kg	1.4
o-Xylene	ND	3.3	ug/kg	0.80
Bromobenzene	ND	6.5	ug/kg	0.64
Bromochloromethane	ND	6.5	ug/kg	0.39
Naphthalene	ND	6.5	ug/kg	0.82

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	107	(75 - 121)
1,2-Dichloroethane-d4	100	(58 - 140)
4-Bromofluorobenzene	105	(76 - 127)
Toluene-d8	104	(80 - 126)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: RW42-DP02-10

GC/MS Volatiles

Lot-Sample #...: D7F120221-018 **Work Order #...:** J0R211AW **Matrix.....:** SO
Date Sampled...: 06/10/07 13:45 **Date Received..:** 06/12/07
Prep Date.....: 06/12/07 **Analysis Date..:** 06/18/07
Prep Batch #...: 7170404 **Analysis Time..:** 17:39
Dilution Factor: 1.12

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	24	ug/kg	6.5
Benzene	ND	6.1	ug/kg	0.57
Bromodichloromethane	ND	6.1	ug/kg	0.27
Bromoform	ND	6.1	ug/kg	0.28
Bromomethane	ND	12	ug/kg	0.61
2-Butanone (MEK)	ND	24	ug/kg	2.2
Carbon tetrachloride	ND	6.1	ug/kg	0.77
Chlorobenzene	ND	6.1	ug/kg	0.66
Chloroethane	ND	12	ug/kg	1.1
Chloroform	ND	12	ug/kg	0.35
Chloromethane	ND	12	ug/kg	0.94
Dibromomethane	ND	6.1	ug/kg	1.0
1,2-Dibromoethane (EDB)	ND	6.1	ug/kg	0.63
1,2-Dichlorobenzene	ND	6.1	ug/kg	0.55
1,3-Dichlorobenzene	ND	6.1	ug/kg	0.58
1,4-Dichlorobenzene	ND	6.1	ug/kg	0.95
Dichlorodifluoromethane	ND	12	ug/kg	0.63
1,1-Dichloroethane	ND	6.1	ug/kg	0.26
1,2-Dichloroethane	ND	6.1	ug/kg	0.85
1,1-Dichloroethene	ND	6.1	ug/kg	0.72
1,2-Dichloroethene (total)	ND	6.1	ug/kg	0.47
cis-1,2-Dichloroethene	ND	3.0	ug/kg	0.68
trans-1,2-Dichloroethene	ND	3.0	ug/kg	0.47
1,2-Dichloropropane	ND	6.1	ug/kg	0.67
cis-1,3-Dichloropropene	ND	6.1	ug/kg	1.6
trans-1,3-Dichloropropene	ND	6.1	ug/kg	0.81
Ethylbenzene	ND	6.1	ug/kg	0.81
2-Hexanone	ND	24	ug/kg	5.9
Methylene chloride	ND	6.1	ug/kg	0.91
4-Methyl-2-pentanone	ND	24	ug/kg	5.3
Styrene	ND	6.1	ug/kg	0.77
1,1,1,2-Tetrachloroethane	ND	6.1	ug/kg	0.68
1,1,2,2-Tetrachloroethane	ND	6.1	ug/kg	0.74
Tetrachloroethene	ND	6.1	ug/kg	0.72
Toluene	ND	6.1	ug/kg	0.84
1,2,4-Trichloro-benzene	ND	6.1	ug/kg	0.89

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Bhate Environmental Associates

Client Sample ID: RW42-DP02-10

GC/MS Volatiles

Lot-Sample #...: D7F120221-018 **Work Order #...:** J0R211AW **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	6.1	ug/kg	0.63
1,1,2-Trichloroethane	ND	6.1	ug/kg	1.1
Trichloroethene	ND	6.1	ug/kg	0.28
Trichlorofluoromethane	ND	12	ug/kg	1.3
1,2,3-Trichloropropane	ND	6.1	ug/kg	0.99
Vinyl chloride	ND	6.1	ug/kg	1.6
Xylenes (total)	ND	6.1	ug/kg	0.74
n-Butylbenzene	ND	6.1	ug/kg	0.68
sec-Butylbenzene	ND	6.1	ug/kg	0.94
Isopropylbenzene	ND	6.1	ug/kg	0.72
1,2,4-Trimethylbenzene	ND	6.1	ug/kg	0.71
1,3,5-Trimethylbenzene	ND	6.1	ug/kg	0.69
n-Propylbenzene	ND	6.1	ug/kg	0.71
tert-Butylbenzene	ND	6.1	ug/kg	0.61
Dibromochloromethane	ND	6.1	ug/kg	0.69
2-Chlorotoluene	ND	6.1	ug/kg	0.62
4-Chlorotoluene	ND	6.1	ug/kg	0.95
1,2-Dibromo-3-chloropropane (DBCP)	ND	12	ug/kg	0.73
1,3-Dichloropropane	ND	6.1	ug/kg	0.62
2,2-Dichloropropane	ND	6.1	ug/kg	0.54
1,1-Dichloropropene	ND	6.1	ug/kg	0.66
Hexachlorobutadiene	ND	6.1	ug/kg	0.67
4-Isopropyltoluene	ND	6.1	ug/kg	0.60
Methyl tert-butyl ether	ND	24	ug/kg	0.41
1,2,3-Trichlorobenzene	ND	6.1	ug/kg	0.91
m-Xylene & p-Xylene	ND	3.0	ug/kg	1.3
o-Xylene	ND	3.0	ug/kg	0.74
Bromobenzene	ND	6.1	ug/kg	0.60
Bromochloromethane	ND	6.1	ug/kg	0.36
Naphthalene	ND	6.1	ug/kg	0.77

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	103	(75 - 121)
1,2-Dichloroethane-d4	92	(58 - 140)
4-Bromofluorobenzene	105	(76 - 127)
Toluene-d8	105	(80 - 126)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: RW42-DP02-16

GC/MS Volatiles

Lot-Sample #...: D7F120221-019 **Work Order #...:** J0R241AW **Matrix.....:** SO
Date Sampled...: 06/10/07 14:00 **Date Received..:** 06/12/07
Prep Date.....: 06/12/07 **Analysis Date..:** 06/18/07
Prep Batch #...: 7170404 **Analysis Time..:** 18:01
Dilution Factor: 0.87

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**20**	**20**	**ug/kg**	**5.3**
Benzene	ND	4.9	ug/kg	0.46
Bromodichloromethane	ND	4.9	ug/kg	0.22
Bromoform	ND	4.9	ug/kg	0.23
Bromomethane	ND	9.8	ug/kg	0.49
2-Butanone (MEK)	ND	20	ug/kg	1.8
Carbon tetrachloride	ND	4.9	ug/kg	0.62
Chlorobenzene	ND	4.9	ug/kg	0.53
Chloroethane	ND	9.8	ug/kg	0.87
Chloroform	ND	9.8	ug/kg	0.28
Chloromethane	ND	9.8	ug/kg	0.75
Dibromomethane	ND	4.9	ug/kg	0.82
1,2-Dibromoethane (EDB)	ND	4.9	ug/kg	0.51
1,2-Dichlorobenzene	ND	4.9	ug/kg	0.44
1,3-Dichlorobenzene	ND	4.9	ug/kg	0.47
1,4-Dichlorobenzene	ND	4.9	ug/kg	0.76
Dichlorodifluoromethane	ND	9.8	ug/kg	0.51
1,1-Dichloroethane	ND	4.9	ug/kg	0.21
1,2-Dichloroethane	ND	4.9	ug/kg	0.69
1,1-Dichloroethene	ND	4.9	ug/kg	0.58
1,2-Dichloroethene (total)	ND	4.9	ug/kg	0.38
cis-1,2-Dichloroethene	ND	2.4	ug/kg	0.55
trans-1,2-Dichloroethene	ND	2.4	ug/kg	0.38
1,2-Dichloropropane	ND	4.9	ug/kg	0.54
cis-1,3-Dichloropropene	ND	4.9	ug/kg	1.3
trans-1,3-Dichloropropene	ND	4.9	ug/kg	0.66
Ethylbenzene	ND	4.9	ug/kg	0.66
2-Hexanone	ND	20	ug/kg	4.8
Methylene chloride	ND	4.9	ug/kg	0.73
4-Methyl-2-pentanone	ND	20	ug/kg	4.3
Styrene	ND	4.9	ug/kg	0.62
1,1,1,2-Tetrachloroethane	ND	4.9	ug/kg	0.55
1,1,2,2-Tetrachloroethane	ND	4.9	ug/kg	0.60
Tetrachloroethene	ND	4.9	ug/kg	0.58
Toluene	ND	4.9	ug/kg	0.68
1,2,4-Trichlorobenzene	ND	4.9	ug/kg	0.72

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Bhate Environmental Associates

Client Sample ID: RW42-DP02-16

GC/MS Volatiles

Lot-Sample #...: D7F120221-019 **Work Order #...:** J0R241AW **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	4.9	ug/kg	0.51
1,1,2-Trichloroethane	ND	4.9	ug/kg	0.86
Trichloroethene	ND	4.9	ug/kg	0.23
Trichlorofluoromethane	ND	9.8	ug/kg	1.0
1,2,3-Trichloropropane	ND	4.9	ug/kg	0.79
Vinyl chloride	ND	4.9	ug/kg	1.3
Xylenes (total)	ND	4.9	ug/kg	0.60
n-Butylbenzene	ND	4.9	ug/kg	0.55
sec-Butylbenzene	ND	4.9	ug/kg	0.75
Isopropylbenzene	ND	4.9	ug/kg	0.58
1,2,4-Trimethylbenzene	ND	4.9	ug/kg	0.57
1,3,5-Trimethylbenzene	ND	4.9	ug/kg	0.56
n-Propylbenzene	ND	4.9	ug/kg	0.57
tert-Butylbenzene	ND	4.9	ug/kg	0.49
Dibromochloromethane	ND	4.9	ug/kg	0.56
2-Chlorotoluene	ND	4.9	ug/kg	0.50
4-Chlorotoluene	ND	4.9	ug/kg	0.76
1,2-Dibromo-3-chloropropane (DBCP)	ND	9.8	ug/kg	0.59
1,3-Dichloropropane	ND	4.9	ug/kg	0.50
2,2-Dichloropropane	ND	4.9	ug/kg	0.43
1,1-Dichloropropene	ND	4.9	ug/kg	0.53
Hexachlorobutadiene	ND	4.9	ug/kg	0.54
4-Isopropyltoluene	ND	4.9	ug/kg	0.48
Methyl tert-butyl ether	ND	20	ug/kg	0.33
1,2,3-Trichlorobenzene	ND	4.9	ug/kg	0.73
m-Xylene & p-Xylene	ND	2.4	ug/kg	1.0
o-Xylene	ND	2.4	ug/kg	0.60
Bromobenzene	ND	4.9	ug/kg	0.48
Bromochloromethane	ND	4.9	ug/kg	0.29
Naphthalene	ND	4.9	ug/kg	0.62

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	93	(75 - 121)
1,2-Dichloroethane-d4	81	(58 - 140)
4-Bromofluorobenzene	96	(76 - 127)
Toluene-d8	101	(80 - 126)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: RW42-DP02-24

GC/MS Volatiles

Lot-Sample #...: D7F120221-020 **Work Order #...:** J0R251AW **Matrix.....:** SO
Date Sampled...: 06/10/07 14:15 **Date Received..:** 06/12/07
Prep Date.....: 06/12/07 **Analysis Date..:** 06/18/07
Prep Batch #...: 7170404 **Analysis Time..:** 18:23
Dilution Factor: 0.9

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	21	ug/kg	5.6
Benzene	ND	5.2	ug/kg	0.49
Bromodichloromethane	ND	5.2	ug/kg	0.23
Bromoform	ND	5.2	ug/kg	0.24
Bromomethane	ND	10	ug/kg	0.52
2-Butanone (MEK)	ND	21	ug/kg	1.9
Carbon tetrachloride	ND	5.2	ug/kg	0.66
Chlorobenzene	ND	5.2	ug/kg	0.56
Chloroethane	ND	10	ug/kg	0.93
Chloroform	ND	10	ug/kg	0.30
Chloromethane	ND	10	ug/kg	0.80
Dibromomethane	ND	5.2	ug/kg	0.88
1,2-Dibromoethane (EDB)	ND	5.2	ug/kg	0.54
1,2-Dichlorobenzene	ND	5.2	ug/kg	0.47
1,3-Dichlorobenzene	ND	5.2	ug/kg	0.50
1,4-Dichlorobenzene	ND	5.2	ug/kg	0.81
Dichlorodifluoromethane	ND	10	ug/kg	0.54
1,1-Dichloroethane	ND	5.2	ug/kg	0.22
1,2-Dichloroethane	ND	5.2	ug/kg	0.73
1,1-Dichloroethene	ND	5.2	ug/kg	0.62
1,2-Dichloroethene (total)	ND	5.2	ug/kg	0.41
cis-1,2-Dichloroethene	ND	2.6	ug/kg	0.58
trans-1,2-Dichloroethene	ND	2.6	ug/kg	0.41
1,2-Dichloropropane	ND	5.2	ug/kg	0.57
cis-1,3-Dichloropropene	ND	5.2	ug/kg	1.3
trans-1,3-Dichloropropene	ND	5.2	ug/kg	0.70
Ethylbenzene	ND	5.2	ug/kg	0.70
2-Hexanone	ND	21	ug/kg	5.1
Methylene chloride	ND	5.2	ug/kg	0.78
4-Methyl-2-pentanone	ND	21	ug/kg	4.5
Styrene	ND	5.2	ug/kg	0.66
1,1,1,2-Tetrachloroethane	ND	5.2	ug/kg	0.58
1,1,2,2-Tetrachloroethane	ND	5.2	ug/kg	0.64
Tetrachloroethene	ND	5.2	ug/kg	0.62
Toluene	ND	5.2	ug/kg	0.72
1,2,4-Trichlorobenzene	ND	5.2	ug/kg	0.76

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Bhate Environmental Associates

Client Sample ID: RW42-DP02-24

GC/MS Volatiles

Lot-Sample #...: D7F120221-020 **Work Order #...:** J0R251AW **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	5.2	ug/kg	0.54
1,1,2-Trichloroethane	ND	5.2	ug/kg	0.92
Trichloroethene	ND	5.2	ug/kg	0.24
Trichlorofluoromethane	ND	10	ug/kg	1.1
1,2,3-Trichloropropane	ND	5.2	ug/kg	0.84
Vinyl chloride	ND	5.2	ug/kg	1.4
Xylenes (total)	ND	5.2	ug/kg	0.64
n-Butylbenzene	ND	5.2	ug/kg	0.58
sec-Butylbenzene	ND	5.2	ug/kg	0.80
Isopropylbenzene	ND	5.2	ug/kg	0.62
1,2,4-Trimethylbenzene	ND	5.2	ug/kg	0.60
1,3,5-Trimethylbenzene	ND	5.2	ug/kg	0.59
n-Propylbenzene	ND	5.2	ug/kg	0.60
tert-Butylbenzene	ND	5.2	ug/kg	0.52
Dibromochloromethane	ND	5.2	ug/kg	0.59
2-Chlorotoluene	ND	5.2	ug/kg	0.53
4-Chlorotoluene	ND	5.2	ug/kg	0.81
1,2-Dibromo-3-chloropropane (DBCP)	ND	10	ug/kg	0.63
1,3-Dichloropropane	ND	5.2	ug/kg	0.53
2,2-Dichloropropane	ND	5.2	ug/kg	0.46
1,1-Dichloropropene	ND	5.2	ug/kg	0.56
Hexachlorobutadiene	ND	5.2	ug/kg	0.57
4-Isopropyltoluene	ND	5.2	ug/kg	0.51
Methyl tert-butyl ether	ND	21	ug/kg	0.35
1,2,3-Trichlorobenzene	ND	5.2	ug/kg	0.78
m-Xylene & p-Xylene	ND	2.6	ug/kg	1.1
o-Xylene	ND	2.6	ug/kg	0.64
Bromobenzene	ND	5.2	ug/kg	0.51
Bromochloromethane	ND	5.2	ug/kg	0.31
Naphthalene	ND	5.2	ug/kg	0.66

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	105	(75 - 121)
1,2-Dichloroethane-d4	93	(58 - 140)
4-Bromofluorobenzene	101	(76 - 127)
Toluene-d8	102	(80 - 126)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: RW42-DP03-10

GC/MS Volatiles

Lot-Sample #...: D7F120221-021 **Work Order #...:** J0R261AW **Matrix.....:** SO
Date Sampled...: 06/10/07 14:45 **Date Received..:** 06/12/07
Prep Date.....: 06/12/07 **Analysis Date..:** 06/18/07
Prep Batch #...: 7170404 **Analysis Time..:** 19:52
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	23	ug/kg	6.2
Benzene	ND	5.8	ug/kg	0.54
Bromodichloromethane	ND	5.8	ug/kg	0.25
Bromoform	ND	5.8	ug/kg	0.27
Bromomethane	ND	12	ug/kg	0.58
2-Butanone (MEK)	ND	23	ug/kg	2.1
Carbon tetrachloride	ND	5.8	ug/kg	0.73
Chlorobenzene	ND	5.8	ug/kg	0.62
Chloroethane	ND	12	ug/kg	1.0
Chloroform	ND	12	ug/kg	0.33
Chloromethane	ND	12	ug/kg	0.89
Dibromomethane	ND	5.8	ug/kg	0.97
1,2-Dibromoethane (EDB)	ND	5.8	ug/kg	0.60
1,2-Dichlorobenzene	ND	5.8	ug/kg	0.52
1,3-Dichlorobenzene	ND	5.8	ug/kg	0.55
1,4-Dichlorobenzene	ND	5.8	ug/kg	0.90
Dichlorodifluoromethane	ND	12	ug/kg	0.60
1,1-Dichloroethane	ND	5.8	ug/kg	0.24
1,2-Dichloroethane	ND	5.8	ug/kg	0.81
1,1-Dichloroethene	ND	5.8	ug/kg	0.68
1,2-Dichloroethene (total)	ND	5.8	ug/kg	0.45
cis-1,2-Dichloroethene	ND	2.9	ug/kg	0.65
trans-1,2-Dichloroethene	ND	2.9	ug/kg	0.45
1,2-Dichloropropane	ND	5.8	ug/kg	0.63
cis-1,3-Dichloropropene	ND	5.8	ug/kg	1.5
trans-1,3-Dichloropropene	ND	5.8	ug/kg	0.77
Ethylbenzene	ND	5.8	ug/kg	0.77
2-Hexanone	ND	23	ug/kg	5.6
Methylene chloride	ND	5.8	ug/kg	0.87
4-Methyl-2-pentanone	ND	23	ug/kg	5.0
Styrene	ND	5.8	ug/kg	0.73
1,1,1,2-Tetrachloroethane	ND	5.8	ug/kg	0.65
1,1,2,2-Tetrachloroethane	ND	5.8	ug/kg	0.70
Tetrachloroethene	ND	5.8	ug/kg	0.68
Toluene	ND	5.8	ug/kg	0.80
1,2,4-Trichlorobenzene	**0.95 J**	**5.8**	**ug/kg**	**0.84**

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Bhate Environmental Associates

Client Sample ID: RW42-DP03-10

GC/MS Volatiles

Lot-Sample #...: D7F120221-021 **Work Order #...:** J0R261AW **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	5.8	ug/kg	0.60
1,1,2-Trichloroethane	ND	5.8	ug/kg	1.0
Trichloroethene	ND	5.8	ug/kg	0.27
Trichlorofluoromethane	ND	12	ug/kg	1.2
1,2,3-Trichloropropane	ND	5.8	ug/kg	0.93
Vinyl chloride	ND	5.8	ug/kg	1.5
Xylenes (total)	ND	5.8	ug/kg	0.70
n-Butylbenzene	ND	5.8	ug/kg	0.65
sec-Butylbenzene	ND	5.8	ug/kg	0.89
Isopropylbenzene	ND	5.8	ug/kg	0.68
1,2,4-Trimethylbenzene	ND	5.8	ug/kg	0.67
1,3,5-Trimethylbenzene	ND	5.8	ug/kg	0.66
n-Propylbenzene	ND	5.8	ug/kg	0.67
tert-Butylbenzene	ND	5.8	ug/kg	0.58
Dibromochloromethane	ND	5.8	ug/kg	0.66
2-Chlorotoluene	ND	5.8	ug/kg	0.59
4-Chlorotoluene	ND	5.8	ug/kg	0.90
1,2-Dibromo-3-chloropropane (DBCP)	ND	12	ug/kg	0.69
1,3-Dichloropropane	ND	5.8	ug/kg	0.59
2,2-Dichloropropane	ND	5.8	ug/kg	0.51
1,1-Dichloropropene	ND	5.8	ug/kg	0.62
Hexachlorobutadiene	**0.76 J**	**5.8**	**ug/kg**	**0.63**
4-Isopropyltoluene	ND	5.8	ug/kg	0.57
Methyl tert-butyl ether	ND	23	ug/kg	0.39
1,2,3-Trichlorobenzene	**1.2 J**	**5.8**	**ug/kg**	**0.87**
m-Xylene & p-Xylene	ND	2.9	ug/kg	1.2
o-Xylene	ND	2.9	ug/kg	0.70
Bromobenzene	ND	5.8	ug/kg	0.57
Bromochloromethane	ND	5.8	ug/kg	0.35
Naphthalene	**1.8 J,B**	**5.8**	**ug/kg**	**0.73**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	101	(75 - 121)
1,2-Dichloroethane-d4	90	(58 - 140)
4-Bromofluorobenzene	104	(76 - 127)
Toluene-d8	103	(80 - 126)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: RW42-DP03-16

GC/MS Volatiles

Lot-Sample #...: D7F120221-022 **Work Order #...:** J0R3G1AW **Matrix.....:** SO
Date Sampled...: 06/10/07 15:00 **Date Received..:** 06/12/07
Prep Date.....: 06/12/07 **Analysis Date..:** 06/18/07
Prep Batch #...: 7170404 **Analysis Time..:** 20:14
Dilution Factor: 0.89

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	21	ug/kg	5.5
Benzene	ND	5.1	ug/kg	0.48
Bromodichloromethane	ND	5.1	ug/kg	0.23
Bromoform	ND	5.1	ug/kg	0.24
Bromomethane	ND	10	ug/kg	0.51
2-Butanone (MEK)	ND	21	ug/kg	1.9
Carbon tetrachloride	ND	5.1	ug/kg	0.65
Chlorobenzene	ND	5.1	ug/kg	0.55
Chloroethane	ND	10	ug/kg	0.91
Chloroform	ND	10	ug/kg	0.30
Chloromethane	ND	10	ug/kg	0.79
Dibromomethane	ND	5.1	ug/kg	0.86
1,2-Dibromoethane (EDB)	ND	5.1	ug/kg	0.53
1,2-Dichlorobenzene	ND	5.1	ug/kg	0.46
1,3-Dichlorobenzene	ND	5.1	ug/kg	0.49
1,4-Dichlorobenzene	ND	5.1	ug/kg	0.80
Dichlorodifluoromethane	ND	10	ug/kg	0.53
1,1-Dichloroethane	ND	5.1	ug/kg	0.22
1,2-Dichloroethane	ND	5.1	ug/kg	0.72
1,1-Dichloroethene	ND	5.1	ug/kg	0.60
1,2-Dichloroethene (total)	ND	5.1	ug/kg	0.40
cis-1,2-Dichloroethene	ND	2.6	ug/kg	0.57
trans-1,2-Dichloroethene	ND	2.6	ug/kg	0.40
1,2-Dichloropropane	ND	5.1	ug/kg	0.56
cis-1,3-Dichloropropene	ND	5.1	ug/kg	1.3
trans-1,3-Dichloropropene	ND	5.1	ug/kg	0.69
Ethylbenzene	ND	5.1	ug/kg	0.69
2-Hexanone	ND	21	ug/kg	5.0
Methylene chloride	ND	5.1	ug/kg	0.77
4-Methyl-2-pentanone	ND	21	ug/kg	4.5
Styrene	ND	5.1	ug/kg	0.65
1,1,1,2-Tetrachloroethane	ND	5.1	ug/kg	0.57
1,1,2,2-Tetrachloroethane	ND	5.1	ug/kg	0.63
Tetrachloroethene	ND	5.1	ug/kg	0.60
Toluene	ND	5.1	ug/kg	0.71
1,2,4-Trichloro-benzene	ND	5.1	ug/kg	0.75

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Bhate Environmental Associates

Client Sample ID: RW42-DP03-16

GC/MS Volatiles

Lot-Sample #...: D7F120221-022 **Work Order #...:** J0R3G1AW **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	5.1	ug/kg	0.53
1,1,2-Trichloroethane	ND	5.1	ug/kg	0.90
Trichloroethene	ND	5.1	ug/kg	0.24
Trichlorofluoromethane	ND	10	ug/kg	1.1
1,2,3-Trichloropropane	ND	5.1	ug/kg	0.83
Vinyl chloride	ND	5.1	ug/kg	1.4
Xylenes (total)	ND	5.1	ug/kg	0.63
n-Butylbenzene	ND	5.1	ug/kg	0.57
sec-Butylbenzene	ND	5.1	ug/kg	0.79
Isopropylbenzene	ND	5.1	ug/kg	0.60
1,2,4-Trimethylbenzene	ND	5.1	ug/kg	0.59
1,3,5-Trimethylbenzene	ND	5.1	ug/kg	0.58
n-Propylbenzene	ND	5.1	ug/kg	0.59
tert-Butylbenzene	ND	5.1	ug/kg	0.51
Dibromochloromethane	ND	5.1	ug/kg	0.58
2-Chlorotoluene	ND	5.1	ug/kg	0.52
4-Chlorotoluene	ND	5.1	ug/kg	0.80
1,2-Dibromo-3-chloropropane (DBCP)	ND	10	ug/kg	0.62
1,3-Dichloropropane	ND	5.1	ug/kg	0.52
2,2-Dichloropropane	ND	5.1	ug/kg	0.45
1,1-Dichloropropene	ND	5.1	ug/kg	0.55
Hexachlorobutadiene	ND	5.1	ug/kg	0.56
4-Isopropyltoluene	ND	5.1	ug/kg	0.50
Methyl tert-butyl ether	ND	21	ug/kg	0.35
1,2,3-Trichlorobenzene	ND	5.1	ug/kg	0.77
m-Xylene & p-Xylene	ND	2.6	ug/kg	1.1
o-Xylene	ND	2.6	ug/kg	0.63
Bromobenzene	ND	5.1	ug/kg	0.50
Bromochloromethane	ND	5.1	ug/kg	0.31
Naphthalene	**1.0 J,B**	**5.1**	**ug/kg**	**0.65**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	102	(75 - 121)
1,2-Dichloroethane-d4	91	(58 - 140)
4-Bromofluorobenzene	104	(76 - 127)
Toluene-d8	103	(80 - 126)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: RW42-DP03-24

GC/MS Volatiles

Lot-Sample #...: D7F120221-023 **Work Order #...:** J0R3H1AW **Matrix.....:** SO
Date Sampled...: 06/10/07 15:15 **Date Received..:** 06/12/07
Prep Date.....: 06/12/07 **Analysis Date..:** 06/18/07
Prep Batch #...: 7170404 **Analysis Time..:** 20:36
Dilution Factor: 0.82

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	6.8
Benzene	ND	6.3	ug/kg	0.59
Bromodichloromethane	ND	6.3	ug/kg	0.28
Bromoform	ND	6.3	ug/kg	0.29
Bromomethane	ND	13	ug/kg	0.63
2-Butanone (MEK)	ND	25	ug/kg	2.3
Carbon tetrachloride	ND	6.3	ug/kg	0.79
Chlorobenzene	ND	6.3	ug/kg	0.68
Chloroethane	ND	13	ug/kg	1.1
Chloroform	ND	13	ug/kg	0.37
Chloromethane	ND	13	ug/kg	0.97
Dibromomethane	ND	6.3	ug/kg	1.1
1,2-Dibromoethane (EDB)	ND	6.3	ug/kg	0.66
1,2-Dichlorobenzene	ND	6.3	ug/kg	0.57
1,3-Dichlorobenzene	ND	6.3	ug/kg	0.61
1,4-Dichlorobenzene	ND	6.3	ug/kg	0.98
Dichlorodifluoromethane	ND	13	ug/kg	0.66
1,1-Dichloroethane	ND	6.3	ug/kg	0.26
1,2-Dichloroethane	ND	6.3	ug/kg	0.88
1,1-Dichloroethene	ND	6.3	ug/kg	0.74
1,2-Dichloroethene (total)	ND	6.3	ug/kg	0.49
cis-1,2-Dichloroethene	ND	3.2	ug/kg	0.71
trans-1,2-Dichloroethene	ND	3.2	ug/kg	0.49
1,2-Dichloropropane	ND	6.3	ug/kg	0.69
cis-1,3-Dichloropropene	ND	6.3	ug/kg	1.6
trans-1,3-Dichloropropene	ND	6.3	ug/kg	0.85
Ethylbenzene	ND	6.3	ug/kg	0.85
2-Hexanone	ND	25	ug/kg	6.2
Methylene chloride	ND	6.3	ug/kg	0.95
4-Methyl-2-pentanone	ND	25	ug/kg	5.5
Styrene	ND	6.3	ug/kg	0.79
1,1,1,2-Tetrachloroethane	ND	6.3	ug/kg	0.71
1,1,2,2-Tetrachloroethane	ND	6.3	ug/kg	0.77
Tetrachloroethene	ND	6.3	ug/kg	0.74
Toluene	ND	6.3	ug/kg	0.87
1,2,4-Trichlorobenzene	ND	6.3	ug/kg	0.92

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Bhate Environmental Associates

Client Sample ID: RW42-DP03-24

GC/MS Volatiles

Lot-Sample #...: D7F120221-023 **Work Order #...:** J0R3H1AW **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	6.3	ug/kg	0.66
1,1,2-Trichloroethane	ND	6.3	ug/kg	1.1
Trichloroethene	ND	6.3	ug/kg	0.29
Trichlorofluoromethane	ND	13	ug/kg	1.3
1,2,3-Trichloropropane	ND	6.3	ug/kg	1.0
Vinyl chloride	ND	6.3	ug/kg	1.7
Xylenes (total)	ND	6.3	ug/kg	0.77
n-Butylbenzene	ND	6.3	ug/kg	0.71
sec-Butylbenzene	ND	6.3	ug/kg	0.97
Isopropylbenzene	ND	6.3	ug/kg	0.74
1,2,4-Trimethylbenzene	ND	6.3	ug/kg	0.73
1,3,5-Trimethylbenzene	ND	6.3	ug/kg	0.72
n-Propylbenzene	ND	6.3	ug/kg	0.73
tert-Butylbenzene	ND	6.3	ug/kg	0.63
Dibromochloromethane	ND	6.3	ug/kg	0.72
2-Chlorotoluene	ND	6.3	ug/kg	0.64
4-Chlorotoluene	ND	6.3	ug/kg	0.98
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/kg	0.76
1,3-Dichloropropane	ND	6.3	ug/kg	0.64
2,2-Dichloropropane	ND	6.3	ug/kg	0.56
1,1-Dichloropropene	ND	6.3	ug/kg	0.68
Hexachlorobutadiene	ND	6.3	ug/kg	0.69
4-Isopropyltoluene	ND	6.3	ug/kg	0.62
Methyl tert-butyl ether	ND	25	ug/kg	0.43
1,2,3-Trichlorobenzene	ND	6.3	ug/kg	0.95
m-Xylene & p-Xylene	ND	3.2	ug/kg	1.3
o-Xylene	ND	3.2	ug/kg	0.77
Bromobenzene	ND	6.3	ug/kg	0.62
Bromochloromethane	ND	6.3	ug/kg	0.38
Naphthalene	ND	6.3	ug/kg	0.79

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	102	(75 - 121)
1,2-Dichloroethane-d4	90	(58 - 140)
4-Bromofluorobenzene	102	(76 - 127)
Toluene-d8	102	(80 - 126)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: RW42-DP04-10

GC/MS Volatiles

Lot-Sample #...: D7F120221-024 **Work Order #...:** J0R3K1AW **Matrix.....:** SO
Date Sampled...: 06/10/07 15:30 **Date Received..:** 06/12/07
Prep Date.....: 06/12/07 **Analysis Date..:** 06/18/07
Prep Batch #...: 7170404 **Analysis Time..:** 20:58
Dilution Factor: 0.99

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	23	ug/kg	6.1
Benzene	ND	5.7	ug/kg	0.54
Bromodichloromethane	ND	5.7	ug/kg	0.25
Bromoform	ND	5.7	ug/kg	0.26
Bromomethane	ND	11	ug/kg	0.57
2-Butanone (MEK)	ND	23	ug/kg	2.1
Carbon tetrachloride	ND	5.7	ug/kg	0.72
Chlorobenzene	ND	5.7	ug/kg	0.62
Chloroethane	ND	11	ug/kg	1.0
Chloroform	ND	11	ug/kg	0.33
Chloromethane	ND	11	ug/kg	0.88
Dibromomethane	ND	5.7	ug/kg	0.96
1,2-Dibromoethane (EDB)	ND	5.7	ug/kg	0.59
1,2-Dichlorobenzene	ND	5.7	ug/kg	0.51
1,3-Dichlorobenzene	ND	5.7	ug/kg	0.55
1,4-Dichlorobenzene	ND	5.7	ug/kg	0.89
Dichlorodifluoromethane	ND	11	ug/kg	0.59
1,1-Dichloroethane	ND	5.7	ug/kg	0.24
1,2-Dichloroethane	ND	5.7	ug/kg	0.80
1,1-Dichloroethene	ND	5.7	ug/kg	0.67
1,2-Dichloroethene (total)	ND	5.7	ug/kg	0.44
cis-1,2-Dichloroethene	ND	2.8	ug/kg	0.64
trans-1,2-Dichloroethene	ND	2.8	ug/kg	0.44
1,2-Dichloropropane	ND	5.7	ug/kg	0.63
cis-1,3-Dichloropropene	ND	5.7	ug/kg	1.5
trans-1,3-Dichloropropene	ND	5.7	ug/kg	0.76
Ethylbenzene	ND	5.7	ug/kg	0.76
2-Hexanone	ND	23	ug/kg	5.6
Methylene chloride	ND	5.7	ug/kg	0.85
4-Methyl-2-pentanone	ND	23	ug/kg	5.0
Styrene	ND	5.7	ug/kg	0.72
1,1,1,2-Tetrachloroethane	ND	5.7	ug/kg	0.64
1,1,2,2-Tetrachloroethane	ND	5.7	ug/kg	0.69
Tetrachloroethene	ND	5.7	ug/kg	0.67
Toluene	ND	5.7	ug/kg	0.79
1,2,4-Trichloro-benzene	ND	5.7	ug/kg	0.83

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Bhate Environmental Associates

Client Sample ID: RW42-DP04-10

GC/MS Volatiles

Lot-Sample #...: D7F120221-024 **Work Order #...:** J0R3K1AW **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	5.7	ug/kg	0.59
1,1,2-Trichloroethane	ND	5.7	ug/kg	1.0
Trichloroethene	ND	5.7	ug/kg	0.26
Trichlorofluoromethane	ND	11	ug/kg	1.2
1,2,3-Trichloropropane	ND	5.7	ug/kg	0.92
Vinyl chloride	ND	5.7	ug/kg	1.5
Xylenes (total)	ND	5.7	ug/kg	0.69
n-Butylbenzene	ND	5.7	ug/kg	0.64
sec-Butylbenzene	ND	5.7	ug/kg	0.88
Isopropylbenzene	ND	5.7	ug/kg	0.67
1,2,4-Trimethylbenzene	ND	5.7	ug/kg	0.66
1,3,5-Trimethylbenzene	ND	5.7	ug/kg	0.65
n-Propylbenzene	ND	5.7	ug/kg	0.66
tert-Butylbenzene	ND	5.7	ug/kg	0.57
Dibromochloromethane	ND	5.7	ug/kg	0.65
2-Chlorotoluene	ND	5.7	ug/kg	0.58
4-Chlorotoluene	ND	5.7	ug/kg	0.89
1,2-Dibromo-3-chloropropane (DBCP)	ND	11	ug/kg	0.68
1,3-Dichloropropane	ND	5.7	ug/kg	0.58
2,2-Dichloropropane	ND	5.7	ug/kg	0.50
1,1-Dichloropropene	ND	5.7	ug/kg	0.62
Hexachlorobutadiene	ND	5.7	ug/kg	0.63
4-Isopropyltoluene	ND	5.7	ug/kg	0.56
Methyl tert-butyl ether	ND	23	ug/kg	0.39
1,2,3-Trichlorobenzene	ND	5.7	ug/kg	0.85
m-Xylene & p-Xylene	ND	2.8	ug/kg	1.2
o-Xylene	ND	2.8	ug/kg	0.69
Bromobenzene	ND	5.7	ug/kg	0.56
Bromochloromethane	ND	5.7	ug/kg	0.34
Naphthalene	ND	5.7	ug/kg	0.72

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	103	(75 - 121)
1,2-Dichloroethane-d4	95	(58 - 140)
4-Bromofluorobenzene	102	(76 - 127)
Toluene-d8	100	(80 - 126)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: RW42-DP04-16

GC/MS Volatiles

Lot-Sample #...: D7F120221-025 **Work Order #...:** J0R3N1AW **Matrix.....:** SO
Date Sampled...: 06/10/07 15:45 **Date Received..:** 06/12/07
Prep Date.....: 06/12/07 **Analysis Date..:** 06/18/07
Prep Batch #...: 7170404 **Analysis Time..:** 21:19
Dilution Factor: 1.01

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**8.4 J**	**23**	**ug/kg**	**6.3**
Benzene	ND	5.9	ug/kg	0.55
Bromodichloromethane	ND	5.9	ug/kg	0.26
Bromoform	ND	5.9	ug/kg	0.27
Bromomethane	ND	12	ug/kg	0.59
2-Butanone (MEK)	ND	23	ug/kg	2.1
Carbon tetrachloride	ND	5.9	ug/kg	0.74
Chlorobenzene	ND	5.9	ug/kg	0.63
Chloroethane	ND	12	ug/kg	1.0
Chloroform	ND	12	ug/kg	0.34
Chloromethane	ND	12	ug/kg	0.90
Dibromomethane	ND	5.9	ug/kg	0.98
1,2-Dibromoethane (EDB)	ND	5.9	ug/kg	0.61
1,2-Dichlorobenzene	ND	5.9	ug/kg	0.53
1,3-Dichlorobenzene	ND	5.9	ug/kg	0.56
1,4-Dichlorobenzene	ND	5.9	ug/kg	0.91
Dichlorodifluoromethane	ND	12	ug/kg	0.61
1,1-Dichloroethane	ND	5.9	ug/kg	0.25
1,2-Dichloroethane	ND	5.9	ug/kg	0.82
1,1-Dichloroethene	ND	5.9	ug/kg	0.69
1,2-Dichloroethene (total)	ND	5.9	ug/kg	0.46
cis-1,2-Dichloroethene	ND	2.9	ug/kg	0.66
trans-1,2-Dichloroethene	ND	2.9	ug/kg	0.46
1,2-Dichloropropane	ND	5.9	ug/kg	0.64
cis-1,3-Dichloropropene	ND	5.9	ug/kg	1.5
trans-1,3-Dichloropropene	ND	5.9	ug/kg	0.79
Ethylbenzene	ND	5.9	ug/kg	0.79
2-Hexanone	ND	23	ug/kg	5.7
Methylene chloride	ND	5.9	ug/kg	0.88
4-Methyl-2-pentanone	ND	23	ug/kg	5.1
Styrene	ND	5.9	ug/kg	0.74
1,1,1,2-Tetrachloroethane	ND	5.9	ug/kg	0.66
1,1,2,2-Tetrachloroethane	ND	5.9	ug/kg	0.71
Tetrachloroethene	ND	5.9	ug/kg	0.69
Toluene	ND	5.9	ug/kg	0.81
1,2,4-Trichlorobenzene	ND	5.9	ug/kg	0.86

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Bhate Environmental Associates

Client Sample ID: RW42-DP04-16

GC/MS Volatiles

Lot-Sample #...: D7F120221-025 **Work Order #...:** J0R3N1AW **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	5.9	ug/kg	0.61
1,1,2-Trichloroethane	ND	5.9	ug/kg	1.0
Trichloroethene	ND	5.9	ug/kg	0.27
Trichlorofluoromethane	ND	12	ug/kg	1.2
1,2,3-Trichloropropane	ND	5.9	ug/kg	0.95
Vinyl chloride	ND	5.9	ug/kg	1.6
Xylenes (total)	ND	5.9	ug/kg	0.71
n-Butylbenzene	ND	5.9	ug/kg	0.66
sec-Butylbenzene	ND	5.9	ug/kg	0.90
Isopropylbenzene	ND	5.9	ug/kg	0.69
1,2,4-Trimethylbenzene	ND	5.9	ug/kg	0.68
1,3,5-Trimethylbenzene	ND	5.9	ug/kg	0.67
n-Propylbenzene	ND	5.9	ug/kg	0.68
tert-Butylbenzene	ND	5.9	ug/kg	0.59
Dibromochloromethane	ND	5.9	ug/kg	0.67
2-Chlorotoluene	ND	5.9	ug/kg	0.60
4-Chlorotoluene	ND	5.9	ug/kg	0.91
1,2-Dibromo-3-chloropropane (DBCP)	ND	12	ug/kg	0.70
1,3-Dichloropropane	ND	5.9	ug/kg	0.60
2,2-Dichloropropane	ND	5.9	ug/kg	0.52
1,1-Dichloropropene	ND	5.9	ug/kg	0.63
Hexachlorobutadiene	ND	5.9	ug/kg	0.64
4-Isopropyltoluene	ND	5.9	ug/kg	0.57
Methyl tert-butyl ether	ND	23	ug/kg	0.40
1,2,3-Trichlorobenzene	ND	5.9	ug/kg	0.88
m-Xylene & p-Xylene	ND	2.9	ug/kg	1.2
o-Xylene	ND	2.9	ug/kg	0.71
Bromobenzene	ND	5.9	ug/kg	0.57
Bromochloromethane	ND	5.9	ug/kg	0.35
Naphthalene	ND	5.9	ug/kg	0.74

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	102	(75 - 121)
1,2-Dichloroethane-d4	91	(58 - 140)
4-Bromofluorobenzene	98	(76 - 127)
Toluene-d8	87	(80 - 126)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: RW42-DP04-24

GC/MS Volatiles

Lot-Sample #...: D7F120221-026 **Work Order #...:** J0R3R1AW **Matrix.....:** SO
Date Sampled...: 06/10/07 16:00 **Date Received..:** 06/12/07
Prep Date.....: 06/12/07 **Analysis Date..:** 06/18/07
Prep Batch #...: 7170404 **Analysis Time..:** 21:41
Dilution Factor: 0.81

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**7.3 J**	**18**	**ug/kg**	**4.9**
Benzene	ND	4.5	ug/kg	0.43
Bromodichloromethane	ND	4.5	ug/kg	0.20
Bromoform	ND	4.5	ug/kg	0.21
Bromomethane	ND	9.1	ug/kg	0.45
2-Butanone (MEK)	ND	18	ug/kg	1.7
Carbon tetrachloride	ND	4.5	ug/kg	0.57
Chlorobenzene	ND	4.5	ug/kg	0.49
Chloroethane	ND	9.1	ug/kg	0.81
Chloroform	ND	9.1	ug/kg	0.26
Chloromethane	ND	9.1	ug/kg	0.70
Dibromomethane	ND	4.5	ug/kg	0.76
1,2-Dibromoethane (EDB)	ND	4.5	ug/kg	0.47
1,2-Dichlorobenzene	ND	4.5	ug/kg	0.41
1,3-Dichlorobenzene	ND	4.5	ug/kg	0.44
1,4-Dichlorobenzene	ND	4.5	ug/kg	0.71
Dichlorodifluoromethane	ND	9.1	ug/kg	0.47
1,1-Dichloroethane	ND	4.5	ug/kg	0.19
1,2-Dichloroethane	ND	4.5	ug/kg	0.64
1,1-Dichloroethene	ND	4.5	ug/kg	0.54
1,2-Dichloroethene (total)	ND	4.5	ug/kg	0.35
cis-1,2-Dichloroethene	ND	2.3	ug/kg	0.51
trans-1,2-Dichloroethene	ND	2.3	ug/kg	0.35
1,2-Dichloropropane	ND	4.5	ug/kg	0.50
cis-1,3-Dichloropropene	ND	4.5	ug/kg	1.2
trans-1,3-Dichloropropene	ND	4.5	ug/kg	0.61
Ethylbenzene	ND	4.5	ug/kg	0.61
2-Hexanone	ND	18	ug/kg	4.4
Methylene chloride	ND	4.5	ug/kg	0.68
4-Methyl-2-pentanone	ND	18	ug/kg	4.0
Styrene	ND	4.5	ug/kg	0.57
1,1,1,2-Tetrachloroethane	ND	4.5	ug/kg	0.51
1,1,2,2-Tetrachloroethane	ND	4.5	ug/kg	0.55
Tetrachloroethene	ND	4.5	ug/kg	0.54
Toluene	ND	4.5	ug/kg	0.63
1,2,4-Trichloro-benzene	ND	4.5	ug/kg	0.66

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Bhate Environmental Associates

Client Sample ID: RW42-DP04-24

GC/MS Volatiles

Lot-Sample #...: D7F120221-026 **Work Order #...:** J0R3R1AW **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	4.5	ug/kg	0.47
1,1,2-Trichloroethane	ND	4.5	ug/kg	0.80
Trichloroethene	ND	4.5	ug/kg	0.21
Trichlorofluoromethane	ND	9.1	ug/kg	0.95
1,2,3-Trichloropropane	ND	4.5	ug/kg	0.74
Vinyl chloride	ND	4.5	ug/kg	1.2
Xylenes (total)	ND	4.5	ug/kg	0.55
n-Butylbenzene	ND	4.5	ug/kg	0.51
sec-Butylbenzene	ND	4.5	ug/kg	0.70
Isopropylbenzene	ND	4.5	ug/kg	0.54
1,2,4-Trimethylbenzene	ND	4.5	ug/kg	0.53
1,3,5-Trimethylbenzene	ND	4.5	ug/kg	0.52
n-Propylbenzene	ND	4.5	ug/kg	0.53
tert-Butylbenzene	ND	4.5	ug/kg	0.45
Dibromochloromethane	ND	4.5	ug/kg	0.52
2-Chlorotoluene	ND	4.5	ug/kg	0.46
4-Chlorotoluene	ND	4.5	ug/kg	0.71
1,2-Dibromo-3-chloropropane (DBCP)	ND	9.1	ug/kg	0.55
1,3-Dichloropropane	ND	4.5	ug/kg	0.46
2,2-Dichloropropane	ND	4.5	ug/kg	0.40
1,1-Dichloropropene	ND	4.5	ug/kg	0.49
Hexachlorobutadiene	ND	4.5	ug/kg	0.50
4-Isopropyltoluene	ND	4.5	ug/kg	0.45
Methyl tert-butyl ether	ND	18	ug/kg	0.31
1,2,3-Trichlorobenzene	ND	4.5	ug/kg	0.68
m-Xylene & p-Xylene	ND	2.3	ug/kg	0.95
o-Xylene	ND	2.3	ug/kg	0.55
Bromobenzene	ND	4.5	ug/kg	0.45
Bromochloromethane	ND	4.5	ug/kg	0.27
Naphthalene	ND	4.5	ug/kg	0.57

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	101	(75 - 121)
1,2-Dichloroethane-d4	93	(58 - 140)
4-Bromofluorobenzene	102	(76 - 127)
Toluene-d8	101	(80 - 126)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: RW42-DP04-24A

GC/MS Volatiles

Lot-Sample #...: D7F120221-027 **Work Order #...:** J0R3T1AW **Matrix.....:** SO
Date Sampled...: 06/10/07 16:00 **Date Received..:** 06/12/07
Prep Date.....: 06/12/07 **Analysis Date..:** 06/18/07
Prep Batch #...: 7170404 **Analysis Time..:** 22:03
Dilution Factor: 1.13

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	26	ug/kg	7.0
Benzene	ND	6.5	ug/kg	0.61
Bromodichloromethane	ND	6.5	ug/kg	0.28
Bromoform	ND	6.5	ug/kg	0.30
Bromomethane	ND	13	ug/kg	0.65
2-Butanone (MEK)	ND	26	ug/kg	2.4
Carbon tetrachloride	ND	6.5	ug/kg	0.81
Chlorobenzene	ND	6.5	ug/kg	0.70
Chloroethane	ND	13	ug/kg	1.2
Chloroform	ND	13	ug/kg	0.37
Chloromethane	ND	13	ug/kg	1.0
Dibromomethane	ND	6.5	ug/kg	1.1
1,2-Dibromoethane (EDB)	ND	6.5	ug/kg	0.67
1,2-Dichlorobenzene	ND	6.5	ug/kg	0.58
1,3-Dichlorobenzene	ND	6.5	ug/kg	0.62
1,4-Dichlorobenzene	ND	6.5	ug/kg	1.0
Dichlorodifluoromethane	ND	13	ug/kg	0.67
1,1-Dichloroethane	ND	6.5	ug/kg	0.27
1,2-Dichloroethane	ND	6.5	ug/kg	0.91
1,1-Dichloroethene	ND	6.5	ug/kg	0.76
1,2-Dichloroethene (total)	ND	6.5	ug/kg	0.50
cis-1,2-Dichloroethene	ND	3.2	ug/kg	0.72
trans-1,2-Dichloroethene	ND	3.2	ug/kg	0.50
1,2-Dichloropropane	ND	6.5	ug/kg	0.71
cis-1,3-Dichloropropene	ND	6.5	ug/kg	1.7
trans-1,3-Dichloropropene	ND	6.5	ug/kg	0.87
Ethylbenzene	ND	6.5	ug/kg	0.87
2-Hexanone	ND	26	ug/kg	6.3
Methylene chloride	ND	6.5	ug/kg	0.97
4-Methyl-2-pentanone	ND	26	ug/kg	5.6
Styrene	ND	6.5	ug/kg	0.81
1,1,1,2-Tetrachloroethane	ND	6.5	ug/kg	0.72
1,1,2,2-Tetrachloroethane	ND	6.5	ug/kg	0.79
Tetrachloroethene	ND	6.5	ug/kg	0.76
Toluene	ND	6.5	ug/kg	0.89
1,2,4-Trichloro-benzene	ND	6.5	ug/kg	0.94

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Bhate Environmental Associates

Client Sample ID: RW42-DP04-24A

GC/MS Volatiles

Lot-Sample #...: D7F120221-027 **Work Order #...:** J0R3T1AW **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	6.5	ug/kg	0.67
1,1,2-Trichloroethane	ND	6.5	ug/kg	1.1
Trichloroethene	ND	6.5	ug/kg	0.30
Trichlorofluoromethane	ND	13	ug/kg	1.3
1,2,3-Trichloropropane	ND	6.5	ug/kg	1.0
Vinyl chloride	ND	6.5	ug/kg	1.7
Xylenes (total)	ND	6.5	ug/kg	0.79
n-Butylbenzene	ND	6.5	ug/kg	0.72
sec-Butylbenzene	ND	6.5	ug/kg	1.0
Isopropylbenzene	ND	6.5	ug/kg	0.76
1,2,4-Trimethylbenzene	ND	6.5	ug/kg	0.75
1,3,5-Trimethylbenzene	ND	6.5	ug/kg	0.74
n-Propylbenzene	ND	6.5	ug/kg	0.75
tert-Butylbenzene	ND	6.5	ug/kg	0.65
Dibromochloromethane	ND	6.5	ug/kg	0.74
2-Chlorotoluene	ND	6.5	ug/kg	0.66
4-Chlorotoluene	ND	6.5	ug/kg	1.0
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/kg	0.78
1,3-Dichloropropane	ND	6.5	ug/kg	0.66
2,2-Dichloropropane	ND	6.5	ug/kg	0.57
1,1-Dichloropropene	ND	6.5	ug/kg	0.70
Hexachlorobutadiene	ND	6.5	ug/kg	0.71
4-Isopropyltoluene	ND	6.5	ug/kg	0.63
Methyl tert-butyl ether	ND	26	ug/kg	0.44
1,2,3-Trichlorobenzene	ND	6.5	ug/kg	0.97
m-Xylene & p-Xylene	ND	3.2	ug/kg	1.3
o-Xylene	ND	3.2	ug/kg	0.79
Bromobenzene	ND	6.5	ug/kg	0.63
Bromochloromethane	ND	6.5	ug/kg	0.39
Naphthalene	ND	6.5	ug/kg	0.81

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	102	(75 - 121)
1,2-Dichloroethane-d4	91	(58 - 140)
4-Bromofluorobenzene	102	(76 - 127)
Toluene-d8	101	(80 - 126)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: TRIP BLANK COOLER 6

GC/MS Volatiles

Lot-Sample #...: D7F120221-028 **Work Order #...:** J0R3X1AA **Matrix.....:** WQ
Date Sampled...: 06/10/07 **Date Received..:** 06/12/07
Prep Date.....: 06/24/07 **Analysis Date..:** 06/24/07
Prep Batch #...: 7176174 **Analysis Time..:** 16:16
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.9
Benzene	ND	1.0	ug/L	0.16
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	1.0	ug/L	0.19
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	ND	6.0	ug/L	1.8
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	2.0	ug/L	0.30
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	1.0	ug/L	0.14
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	ND	5.0	ug/L	1.4
Methylene chloride	ND	5.0	ug/L	0.32
4-Methyl-2-pentanone	ND	5.0	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.32

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Bhate Environmental Associates

Client Sample ID: TRIP BLANK COOLER 6

GC/MS Volatiles

Lot-Sample #...: D7F120221-028 **Work Order #...:** J0R3X1AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	ND	1.0	ug/L	0.17
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	95	(77 - 119)
1,2-Dichloroethane-d4	92	(70 - 127)
4-Bromofluorobenzene	101	(78 - 118)
Toluene-d8	101	(83 - 125)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: TRIP BLANK COOLER 7

GC/MS Volatiles

Lot-Sample #...: D7F120221-029 **Work Order #...:** J0R311AA **Matrix.....:** WQ
Date Sampled...: 06/10/07 **Date Received..:** 06/12/07
Prep Date.....: 06/24/07 **Analysis Date..:** 06/24/07
Prep Batch #...: 7176174 **Analysis Time..:** 16:35
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.9
Benzene	ND	1.0	ug/L	0.16
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	1.0	ug/L	0.19
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	ND	6.0	ug/L	1.8
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	2.0	ug/L	0.30
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	1.0	ug/L	0.14
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	ND	5.0	ug/L	1.4
Methylene chloride	ND	5.0	ug/L	0.32
4-Methyl-2-pentanone	ND	5.0	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.32

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Bhate Environmental Associates

Client Sample ID: TRIP BLANK COOLER 7

GC/MS Volatiles

Lot-Sample #...: D7F120221-029 **Work Order #...:** J0R311AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	ND	1.0	ug/L	0.17
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	97	(77 - 119)
1,2-Dichloroethane-d4	92	(70 - 127)
4-Bromofluorobenzene	105	(78 - 118)
Toluene-d8	102	(83 - 125)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: TRIP BLANK COOLER 8

GC/MS Volatiles

Lot-Sample #...: D7F120221-030
Date Sampled...: 06/10/07
Prep Date.....: 06/24/07
Prep Batch #...: 7176174
Dilution Factor: 1

Work Order #...: J0R321AA
Date Received..: 06/12/07
Analysis Date..: 06/24/07
Analysis Time..: 16:54

Matrix.....: WQ

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.9
Benzene	ND	1.0	ug/L	0.16
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	1.0	ug/L	0.19
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	ND	6.0	ug/L	1.8
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	2.0	ug/L	0.30
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	1.0	ug/L	0.14
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	ND	5.0	ug/L	1.4
Methylene chloride	ND	5.0	ug/L	0.32
4-Methyl-2-pentanone	ND	5.0	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.32

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Bhate Environmental Associates

Client Sample ID: TRIP BLANK COOLER 8

GC/MS Volatiles

Lot-Sample #...: D7F120221-030 **Work Order #...:** J0R321AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	ND	1.0	ug/L	0.17
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	94	(77 - 119)
1,2-Dichloroethane-d4	92	(70 - 127)
4-Bromofluorobenzene	104	(78 - 118)
Toluene-d8	103	(83 - 125)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: OT38-DP03-10

GC/MS Volatiles

Lot-Sample #...: D7F120221-031 **Work Order #...:** J0R331AT **Matrix.....:** SO
Date Sampled...: 06/11/07 08:15 **Date Received..:** 06/12/07
Prep Date.....: 06/12/07 **Analysis Date..:** 06/18/07
Prep Batch #...: 7170404 **Analysis Time..:** 22:25
Dilution Factor: 0.99

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	6.6
Benzene	ND	6.1	ug/kg	0.58
Bromodichloromethane	ND	6.1	ug/kg	0.27
Bromoform	ND	6.1	ug/kg	0.28
Bromomethane	ND	12	ug/kg	0.61
2-Butanone (MEK)	ND	25	ug/kg	2.2
Carbon tetrachloride	ND	6.1	ug/kg	0.77
Chlorobenzene	ND	6.1	ug/kg	0.66
Chloroethane	ND	12	ug/kg	1.1
Chloroform	ND	12	ug/kg	0.36
Chloromethane	ND	12	ug/kg	0.94
Dibromomethane	ND	6.1	ug/kg	1.0
1,2-Dibromoethane (EDB)	ND	6.1	ug/kg	0.64
1,2-Dichlorobenzene	ND	6.1	ug/kg	0.55
1,3-Dichlorobenzene	ND	6.1	ug/kg	0.59
1,4-Dichlorobenzene	ND	6.1	ug/kg	0.96
Dichlorodifluoromethane	ND	12	ug/kg	0.64
1,1-Dichloroethane	ND	6.1	ug/kg	0.26
1,2-Dichloroethane	ND	6.1	ug/kg	0.86
1,1-Dichloroethene	ND	6.1	ug/kg	0.72
1,2-Dichloroethene (total)	ND	6.1	ug/kg	0.48
cis-1,2-Dichloroethene	ND	3.1	ug/kg	0.69
trans-1,2-Dichloroethene	ND	3.1	ug/kg	0.48
1,2-Dichloropropane	ND	6.1	ug/kg	0.67
cis-1,3-Dichloropropene	ND	6.1	ug/kg	1.6
trans-1,3-Dichloropropene	ND	6.1	ug/kg	0.82
Ethylbenzene	ND	6.1	ug/kg	0.82
2-Hexanone	ND	25	ug/kg	6.0
Methylene chloride	ND	6.1	ug/kg	0.92
4-Methyl-2-pentanone	ND	25	ug/kg	5.3
Styrene	ND	6.1	ug/kg	0.77
1,1,1,2-Tetrachloroethane	ND	6.1	ug/kg	0.69
1,1,2,2-Tetrachloroethane	ND	6.1	ug/kg	0.75
Tetrachloroethene	ND	6.1	ug/kg	0.72
Toluene	ND	6.1	ug/kg	0.85
1,2,4-Trichloro-benzene	ND	6.1	ug/kg	0.89

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Bhate Environmental Associates

Client Sample ID: OT38-DP03-10

GC/MS Volatiles

Lot-Sample #...: D7F120221-031 **Work Order #...:** J0R331AT **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	6.1	ug/kg	0.64
1,1,2-Trichloroethane	ND	6.1	ug/kg	1.1
Trichloroethene	ND	6.1	ug/kg	0.28
Trichlorofluoromethane	ND	12	ug/kg	1.3
1,2,3-Trichloropropane	ND	6.1	ug/kg	0.99
Vinyl chloride	ND	6.1	ug/kg	1.6
Xylenes (total)	ND	6.1	ug/kg	0.75
n-Butylbenzene	ND	6.1	ug/kg	0.69
sec-Butylbenzene	ND	6.1	ug/kg	0.94
Isopropylbenzene	ND	6.1	ug/kg	0.72
1,2,4-Trimethylbenzene	ND	6.1	ug/kg	0.71
1,3,5-Trimethylbenzene	ND	6.1	ug/kg	0.70
n-Propylbenzene	ND	6.1	ug/kg	0.71
tert-Butylbenzene	ND	6.1	ug/kg	0.61
Dibromochloromethane	ND	6.1	ug/kg	0.70
2-Chlorotoluene	ND	6.1	ug/kg	0.62
4-Chlorotoluene	ND	6.1	ug/kg	0.96
1,2-Dibromo-3-chloropropane (DBCP)	ND	12	ug/kg	0.74
1,3-Dichloropropane	ND	6.1	ug/kg	0.62
2,2-Dichloropropane	ND	6.1	ug/kg	0.54
1,1-Dichloropropene	ND	6.1	ug/kg	0.66
Hexachlorobutadiene	ND	6.1	ug/kg	0.67
4-Isopropyltoluene	ND	6.1	ug/kg	0.60
Methyl tert-butyl ether	ND	25	ug/kg	0.42
1,2,3-Trichlorobenzene	ND	6.1	ug/kg	0.92
m-Xylene & p-Xylene	ND	3.1	ug/kg	1.3
o-Xylene	ND	3.1	ug/kg	0.75
Bromobenzene	ND	6.1	ug/kg	0.60
Bromochloromethane	ND	6.1	ug/kg	0.37
Naphthalene	ND	6.1	ug/kg	0.77

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	102	(75 - 121)
1,2-Dichloroethane-d4	89	(58 - 140)
4-Bromofluorobenzene	101	(76 - 127)
Toluene-d8	102	(80 - 126)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: TRIP BLANK COOLER 11

GC/MS Volatiles

Lot-Sample #...: D7F120221-036 **Work Order #...:** J0R4V1AA **Matrix.....:** WQ
Date Sampled...: 06/11/07 **Date Received..:** 06/12/07
Prep Date.....: 06/24/07 **Analysis Date..:** 06/24/07
Prep Batch #...: 7176174 **Analysis Time..:** 17:13
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.9
Benzene	ND	1.0	ug/L	0.16
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	1.0	ug/L	0.19
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	ND	6.0	ug/L	1.8
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	2.0	ug/L	0.30
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	1.0	ug/L	0.14
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	ND	5.0	ug/L	1.4
Methylene chloride	ND	5.0	ug/L	0.32
4-Methyl-2-pentanone	ND	5.0	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.32

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Bhate Environmental Associates

Client Sample ID: TRIP BLANK COOLER 11

GC/MS Volatiles

Lot-Sample #...: D7F120221-036 **Work Order #...:** J0R4V1AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	ND	1.0	ug/L	0.17
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	95	(77 - 119)
1,2-Dichloroethane-d4	92	(70 - 127)
4-Bromofluorobenzene	103	(78 - 118)
Toluene-d8	98	(83 - 125)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: SS18-MW02

GC/MS Semivolatiles

Lot-Sample #...: D7F120221-001 **Work Order #...:** J0R0N1A3 **Matrix.....:** WG
Date Sampled...: 06/09/07 10:22 **Date Received..:** 06/12/07
Prep Date.....: 06/14/07 **Analysis Date..:** 06/22/07
Prep Batch #...: 7165172 **Analysis Time..:** 19:24
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	10	ug/L	1.7
Acenaphthylene	ND	10	ug/L	1.8
Acetophenone	ND	10	ug/L	2.0
Anthracene	ND	10	ug/L	1.9
Benzo(a)anthracene	ND	10	ug/L	1.7
Benzo(b)fluoranthene	ND	10	ug/L	0.39
Benzo(k)fluoranthene	ND	10	ug/L	0.46
Benzo(ghi)perylene	ND	10	ug/L	1.0
Benzo(a)pyrene	ND	10	ug/L	1.3
bis(2-Chloroethoxy) methane	ND	10	ug/L	1.4
bis(2-Chloroethyl)-ether	ND	10	ug/L	3.9
bis(2-Ethylhexyl) phthalate	**1.6 J**	**10**	**ug/L**	**1.4**
4-Bromophenyl phenyl ether	ND	10	ug/L	2.1
Butyl benzyl phthalate	ND	20	ug/L	5.0
4-Chloroaniline	ND	20	ug/L	2.0
4-Chloro-3-methylphenol	ND	20	ug/L	5.0
2-Chloronaphthalene	ND	10	ug/L	1.7
2-Chlorophenol	ND	10	ug/L	0.38
4-Chlorophenyl phenyl ether	ND	10	ug/L	2.0
Chrysene	ND	10	ug/L	1.0
Dibenz(a,h)anthracene	ND	10	ug/L	1.4
Dibenzofuran	ND	10	ug/L	1.7
Di-n-butyl phthalate	ND	20	ug/L	5.0
3,3'-Dichlorobenzidine	ND	20	ug/L	2.0
2,4-Dichlorophenol	ND	10	ug/L	1.3
Diethyl phthalate	ND	20	ug/L	5.0
2,4-Dimethylphenol	ND	10	ug/L	0.57
Dimethyl phthalate	ND	20	ug/L	5.0
4,6-Dinitro-2-methylphenol	ND	60	ug/L	20
2,4-Dinitrophenol	ND	60	ug/L	20
2,4-Dinitrotoluene	ND	20	ug/L	5.0
2,6-Dinitrotoluene	ND	20	ug/L	5.0

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Bhate Environmental Associates

Client Sample ID: SS18-MW02

GC/MS Semivolatiles

Lot-Sample #...: D7F120221-001 **Work Order #...:** J0R0N1A3 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	20	ug/L	5.0
Fluoranthene	ND	20	ug/L	5.0
Fluorene	ND	10	ug/L	1.0
Hexachlorobenzene	ND	10	ug/L	2.1
Hexachlorocyclopenta-diene	ND	10	ug/L	1.5
Hexachloroethane	ND	10	ug/L	0.46
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	1.5
2-Methylnaphthalene	ND	10	ug/L	1.6
2-Methylphenol	ND	10	ug/L	1.4
Naphthalene	ND	10	ug/L	1.5
2-Nitroaniline	ND	50	ug/L	5.0
3-Nitroaniline	ND	50	ug/L	3.6
4-Nitroaniline	ND	50	ug/L	10
Nitrobenzene	ND	20	ug/L	5.0
2-Nitrophenol	ND	20	ug/L	5.0
4-Nitrophenol	ND	50	ug/L	1.7
N-Nitrosodiphenylamine	ND	10	ug/L	0.44
N-Nitrosodi-n-propyl-amine	ND	20	ug/L	5.0
Pentachlorophenol	ND	60	ug/L	20
Phenanthrene	ND	10	ug/L	1.0
Phenol	ND	10	ug/L	1.4
Pyrene	ND	10	ug/L	0.37
2,4,5-Trichloro-phenol	ND	20	ug/L	5.0
2,4,6-Trichloro-phenol	ND	20	ug/L	5.0
bis(2-Chloroisopropyl) ether	ND	10	ug/L	0.43
4-Methylphenol	ND	20	ug/L	5.0
Hexachlorobutadiene	ND	10	ug/L	1.3
Caprolactam	ND	20	ug/L	5.0
Atrazine	ND	50	ug/L	5.0
Carbazole	ND	10	ug/L	1.9

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	55	(51 - 120)
Phenol-d5	63	(51 - 120)
Nitrobenzene-d5	63	(48 - 120)
2-Fluorobiphenyl	51	(49 - 120)
2,4,6-Tribromophenol	66	(57 - 120)
Terphenyl-d14	78	(61 - 120)

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Bhate Environmental Associates

Client Sample ID: SS18-MW02

GC/MS Semivolatiles

Lot-Sample #...: D7F120221-001 **Work Order #...:** J0R0N1A3 **Matrix.....:** WG

NOTE(S):

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: WL-12-03

GC/MS Semivolatiles

Lot-Sample #...: D7F120221-002 **Work Order #...:** J0R0V1AK **Matrix.....:** WG
Date Sampled...: 06/09/07 10:45 **Date Received..:** 06/12/07
Prep Date.....: 06/14/07 **Analysis Date..:** 06/22/07
Prep Batch #...: 7165172 **Analysis Time..:** 19:43
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	10	ug/L	1.7
Acenaphthylene	ND	10	ug/L	1.8
Acetophenone	ND	10	ug/L	2.0
Anthracene	ND	10	ug/L	1.9
Benzo(a)anthracene	ND	10	ug/L	1.7
Benzo(b)fluoranthene	ND	10	ug/L	0.39
Benzo(k)fluoranthene	ND	10	ug/L	0.46
Benzo(ghi)perylene	ND	10	ug/L	1.0
Benzo(a)pyrene	ND	10	ug/L	1.3
bis(2-Chloroethoxy) methane	ND	10	ug/L	1.4
bis(2-Chloroethyl)-ether	ND	10	ug/L	3.9
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	1.4
4-Bromophenyl phenyl ether	ND	10	ug/L	2.1
Butyl benzyl phthalate	ND	20	ug/L	5.0
4-Chloroaniline	ND	20	ug/L	2.0
4-Chloro-3-methylphenol	ND	20	ug/L	5.0
2-Chloronaphthalene	ND	10	ug/L	1.7
2-Chlorophenol	ND	10	ug/L	0.38
4-Chlorophenyl phenyl ether	ND	10	ug/L	2.0
Chrysene	ND	10	ug/L	1.0
Dibenz(a,h)anthracene	ND	10	ug/L	1.4
Dibenzofuran	ND	10	ug/L	1.7
Di-n-butyl phthalate	ND	20	ug/L	5.0
3,3'-Dichlorobenzidine	ND	20	ug/L	2.0
2,4-Dichlorophenol	ND	10	ug/L	1.3
Diethyl phthalate	ND	20	ug/L	5.0
2,4-Dimethylphenol	ND	10	ug/L	0.57
Dimethyl phthalate	ND	20	ug/L	5.0
4,6-Dinitro-2-methylphenol	ND	60	ug/L	20
2,4-Dinitrophenol	ND	60	ug/L	20
2,4-Dinitrotoluene	ND	20	ug/L	5.0
2,6-Dinitrotoluene	ND	20	ug/L	5.0

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Bhate Environmental Associates

Client Sample ID: WL-12-03

GC/MS Semivolatiles

Lot-Sample #...: D7F120221-002 **Work Order #...:** J0R0V1AK **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	20	ug/L	5.0
Fluoranthene	ND	20	ug/L	5.0
Fluorene	ND	10	ug/L	1.0
Hexachlorobenzene	ND	10	ug/L	2.1
Hexachlorocyclopenta-diene	ND	10	ug/L	1.5
Hexachloroethane	ND	10	ug/L	0.46
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	1.5
2-Methylnaphthalene	ND	10	ug/L	1.6
2-Methylphenol	ND	10	ug/L	1.4
Naphthalene	ND	10	ug/L	1.5
2-Nitroaniline	ND	50	ug/L	5.0
3-Nitroaniline	ND	50	ug/L	3.6
4-Nitroaniline	ND	50	ug/L	10
Nitrobenzene	ND	20	ug/L	5.0
2-Nitrophenol	ND	20	ug/L	5.0
4-Nitrophenol	ND	50	ug/L	1.7
N-Nitrosodiphenylamine	ND	10	ug/L	0.44
N-Nitrosodi-n-propyl-amine	ND	20	ug/L	5.0
Pentachlorophenol	ND	60	ug/L	20
Phenanthrene	ND	10	ug/L	1.0
Phenol	ND	10	ug/L	1.4
Pyrene	ND	10	ug/L	0.37
2,4,5-Trichloro-phenol	ND	20	ug/L	5.0
2,4,6-Trichloro-phenol	ND	20	ug/L	5.0
bis(2-Chloroisopropyl) ether	ND	10	ug/L	0.43
4-Methylphenol	ND	20	ug/L	5.0
Hexachlorobutadiene	ND	10	ug/L	1.3
Caprolactam	ND	20	ug/L	5.0
Atrazine	ND	50	ug/L	5.0
Carbazole	ND	10	ug/L	1.9

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	70	(51 - 120)
Phenol-d5	73	(51 - 120)
Nitrobenzene-d5	75	(48 - 120)
2-Fluorobiphenyl	64	(49 - 120)
2,4,6-Tribromophenol	70	(57 - 120)
Terphenyl-d14	80	(61 - 120)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: OT20-MW03

GC/MS Semivolatiles

Lot-Sample #...: D7F120221-005 **Work Order #...:** J0R021AN **Matrix.....:** WG
Date Sampled...: 06/10/07 10:23 **Date Received..:** 06/12/07
Prep Date.....: 06/14/07 **Analysis Date..:** 06/22/07
Prep Batch #...: 7165172 **Analysis Time..:** 20:02
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	10	ug/L	1.7
Acenaphthylene	ND	10	ug/L	1.8
Acetophenone	ND	10	ug/L	2.0
Anthracene	ND	10	ug/L	1.9
Benzo(a)anthracene	ND	10	ug/L	1.7
Benzo(b)fluoranthene	ND	10	ug/L	0.39
Benzo(k)fluoranthene	ND	10	ug/L	0.46
Benzo(ghi)perylene	ND	10	ug/L	1.0
Benzo(a)pyrene	ND	10	ug/L	1.3
bis(2-Chloroethoxy) methane	ND	10	ug/L	1.4
bis(2-Chloroethyl)-ether	ND	10	ug/L	3.9
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	1.4
4-Bromophenyl phenyl ether	ND	10	ug/L	2.1
Butyl benzyl phthalate	ND	20	ug/L	5.0
4-Chloroaniline	ND	20	ug/L	2.0
4-Chloro-3-methylphenol	ND	20	ug/L	5.0
2-Chloronaphthalene	ND	10	ug/L	1.7
2-Chlorophenol	ND	10	ug/L	0.38
4-Chlorophenyl phenyl ether	ND	10	ug/L	2.0
Chrysene	ND	10	ug/L	1.0
Dibenz(a,h)anthracene	ND	10	ug/L	1.4
Dibenzofuran	ND	10	ug/L	1.7
Di-n-butyl phthalate	ND	20	ug/L	5.0
3,3'-Dichlorobenzidine	ND	20	ug/L	2.0
2,4-Dichlorophenol	ND	10	ug/L	1.3
Diethyl phthalate	ND	20	ug/L	5.0
2,4-Dimethylphenol	ND	10	ug/L	0.57
Dimethyl phthalate	ND	20	ug/L	5.0
4,6-Dinitro-2-methylphenol	ND	60	ug/L	20
2,4-Dinitrophenol	ND	60	ug/L	20
2,4-Dinitrotoluene	ND	20	ug/L	5.0
2,6-Dinitrotoluene	ND	20	ug/L	5.0

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Bhate Environmental Associates

Client Sample ID: OT20-MW03

GC/MS Semivolatiles

Lot-Sample #...: D7F120221-005 **Work Order #...:** J0R021AN **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	20	ug/L	5.0
Fluoranthene	ND	20	ug/L	5.0
Fluorene	ND	10	ug/L	1.0
Hexachlorobenzene	ND	10	ug/L	2.1
Hexachlorocyclopenta-diene	ND	10	ug/L	1.5
Hexachloroethane	ND	10	ug/L	0.46
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	1.5
2-Methylnaphthalene	ND	10	ug/L	1.6
2-Methylphenol	ND	10	ug/L	1.4
Naphthalene	ND	10	ug/L	1.5
2-Nitroaniline	ND	50	ug/L	5.0
3-Nitroaniline	ND	50	ug/L	3.6
4-Nitroaniline	ND	50	ug/L	10
Nitrobenzene	ND	20	ug/L	5.0
2-Nitrophenol	ND	20	ug/L	5.0
4-Nitrophenol	ND	50	ug/L	1.7
N-Nitrosodiphenylamine	ND	10	ug/L	0.44
N-Nitrosodi-n-propyl-amine	ND	20	ug/L	5.0
Pentachlorophenol	ND	60	ug/L	20
Phenanthrene	ND	10	ug/L	1.0
Phenol	ND	10	ug/L	1.4
Pyrene	ND	10	ug/L	0.37
2,4,5-Trichloro-phenol	ND	20	ug/L	5.0
2,4,6-Trichloro-phenol	ND	20	ug/L	5.0
bis(2-Chloroisopropyl) ether	ND	10	ug/L	0.43
4-Methylphenol	ND	20	ug/L	5.0
Hexachlorobutadiene	ND	10	ug/L	1.3
Caprolactam	ND	20	ug/L	5.0
Atrazine	ND	50	ug/L	5.0
Carbazole	ND	10	ug/L	1.9

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	66	(51 - 120)
Phenol-d5	74	(51 - 120)
Nitrobenzene-d5	76	(48 - 120)
2-Fluorobiphenyl	68	(49 - 120)
2,4,6-Tribromophenol	74	(57 - 120)
Terphenyl-d14	92	(61 - 120)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: OT20-MW03-A

GC/MS Semivolatiles

Lot-Sample #...: D7F120221-006 **Work Order #...:** J0R1D1AN **Matrix.....:** WG
Date Sampled...: 06/10/07 10:23 **Date Received..:** 06/12/07
Prep Date.....: 06/14/07 **Analysis Date..:** 06/22/07
Prep Batch #...: 7165172 **Analysis Time..:** 20:21
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	10	ug/L	1.7
Acenaphthylene	ND	10	ug/L	1.8
Acetophenone	ND	10	ug/L	2.0
Anthracene	ND	10	ug/L	1.9
Benzo(a)anthracene	ND	10	ug/L	1.7
Benzo(b)fluoranthene	ND	10	ug/L	0.39
Benzo(k)fluoranthene	ND	10	ug/L	0.46
Benzo(ghi)perylene	ND	10	ug/L	1.0
Benzo(a)pyrene	ND	10	ug/L	1.3
bis(2-Chloroethoxy) methane	ND	10	ug/L	1.4
bis(2-Chloroethyl)-ether	ND	10	ug/L	3.9
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	1.4
4-Bromophenyl phenyl ether	ND	10	ug/L	2.1
Butyl benzyl phthalate	ND	20	ug/L	5.0
4-Chloroaniline	ND	20	ug/L	2.0
4-Chloro-3-methylphenol	ND	20	ug/L	5.0
2-Chloronaphthalene	ND	10	ug/L	1.7
2-Chlorophenol	ND	10	ug/L	0.38
4-Chlorophenyl phenyl ether	ND	10	ug/L	2.0
Chrysene	ND	10	ug/L	1.0
Dibenz(a,h)anthracene	ND	10	ug/L	1.4
Dibenzofuran	ND	10	ug/L	1.7
Di-n-butyl phthalate	ND	20	ug/L	5.0
3,3'-Dichlorobenzidine	ND	20	ug/L	2.0
2,4-Dichlorophenol	ND	10	ug/L	1.3
Diethyl phthalate	ND	20	ug/L	5.0
2,4-Dimethylphenol	ND	10	ug/L	0.57
Dimethyl phthalate	ND	20	ug/L	5.0
4,6-Dinitro-2-methylphenol	ND	60	ug/L	20
2,4-Dinitrophenol	ND	60	ug/L	20
2,4-Dinitrotoluene	ND	20	ug/L	5.0
2,6-Dinitrotoluene	ND	20	ug/L	5.0

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Bhate Environmental Associates

Client Sample ID: OT20-MW03-A

GC/MS Semivolatiles

Lot-Sample #...: D7F120221-006 **Work Order #...:** J0R1D1AN **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	20	ug/L	5.0
Fluoranthene	ND	20	ug/L	5.0
Fluorene	ND	10	ug/L	1.0
Hexachlorobenzene	ND	10	ug/L	2.1
Hexachlorocyclopenta-diene	ND	10	ug/L	1.5
Hexachloroethane	ND	10	ug/L	0.46
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	1.5
2-Methylnaphthalene	ND	10	ug/L	1.6
2-Methylphenol	ND	10	ug/L	1.4
Naphthalene	ND	10	ug/L	1.5
2-Nitroaniline	ND	50	ug/L	5.0
3-Nitroaniline	ND	50	ug/L	3.6
4-Nitroaniline	ND	50	ug/L	10
Nitrobenzene	ND	20	ug/L	5.0
2-Nitrophenol	ND	20	ug/L	5.0
4-Nitrophenol	ND	50	ug/L	1.7
N-Nitrosodiphenylamine	ND	10	ug/L	0.44
N-Nitrosodi-n-propyl-amine	ND	20	ug/L	5.0
Pentachlorophenol	ND	60	ug/L	20
Phenanthrene	ND	10	ug/L	1.0
Phenol	ND	10	ug/L	1.4
Pyrene	ND	10	ug/L	0.37
2,4,5-Trichloro-phenol	ND	20	ug/L	5.0
2,4,6-Trichloro-phenol	ND	20	ug/L	5.0
bis(2-Chloroisopropyl) ether	ND	10	ug/L	0.43
4-Methylphenol	ND	20	ug/L	5.0
Hexachlorobutadiene	ND	10	ug/L	1.3
Caprolactam	ND	20	ug/L	5.0
Atrazine	ND	50	ug/L	5.0
Carbazole	ND	10	ug/L	1.9

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	62	(51 - 120)
Phenol-d5	67	(51 - 120)
Nitrobenzene-d5	69	(48 - 120)
2-Fluorobiphenyl	59	(49 - 120)
2,4,6-Tribromophenol	64	(57 - 120)
Terphenyl-d14	88	(61 - 120)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: RW42-DP01-10

GC/MS Semivolatiles

Lot-Sample #...: D7F120221-014 **Work Order #...:** J0R2K1AE **Matrix.....:** SO
Date Sampled...: 06/10/07 13:00 **Date Received..:** 06/12/07
Prep Date.....: 06/15/07 **Analysis Date..:** 06/22/07
Prep Batch #...: 7166011 **Analysis Time..:** 14:21
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	380	ug/kg	12
Acenaphthylene	ND	380	ug/kg	19
Acetophenone	ND	380	ug/kg	23
Anthracene	ND	380	ug/kg	19
Benzo(a)anthracene	ND	750	ug/kg	23
Benzo(b)fluoranthene	ND	750	ug/kg	30
Benzo(k)fluoranthene	ND	750	ug/kg	46
Benzo(ghi)perylene	ND	750	ug/kg	18
Benzo(a)pyrene	ND	750	ug/kg	23
bis(2-Chloroethoxy) methane	ND	380	ug/kg	26
bis(2-Chloroethyl)-ether	ND	750	ug/kg	19
bis(2-Ethylhexyl) phthalate	ND	750	ug/kg	35
4-Bromophenyl phenyl ether	ND	750	ug/kg	22
Butyl benzyl phthalate	ND	750	ug/kg	49
4-Chloroaniline	ND	1500	ug/kg	24
4-Chloro-3-methylphenol	ND	1500	ug/kg	27
2-Chloronaphthalene	ND	380	ug/kg	11
2-Chlorophenol	ND	750	ug/kg	24
4-Chlorophenyl phenyl ether	ND	750	ug/kg	24
Chrysene	ND	750	ug/kg	31
Dibenz(a,h)anthracene	ND	750	ug/kg	22
Dibenzofuran	ND	750	ug/kg	23
Di-n-butyl phthalate	ND	750	ug/kg	33
3,3'-Dichlorobenzidine	ND	1500	ug/kg	57
2,4-Dichlorophenol	ND	750	ug/kg	11
Diethyl phthalate	ND	750	ug/kg	30
2,4-Dimethylphenol	ND	750	ug/kg	30
Dimethyl phthalate	ND	750	ug/kg	21
4,6-Dinitro-2-methylphenol	ND	3800	ug/kg	57
2,4-Dinitrophenol	ND	3800	ug/kg	57
2,4-Dinitrotoluene	ND	750	ug/kg	26
2,6-Dinitrotoluene	ND	750	ug/kg	32

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Bhate Environmental Associates

Client Sample ID: RW42-DP01-10

GC/MS Semivolatiles

Lot-Sample #...: D7F120221-014 **Work Order #...:** J0R2K1AE **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	750	ug/kg	16
Fluoranthene	ND	750	ug/kg	41
Fluorene	ND	750	ug/kg	21
Hexachlorobenzene	ND	750	ug/kg	33
Hexachlorocyclopenta-diene	ND	750	ug/kg	57
Hexachloroethane	ND	750	ug/kg	24
Indeno(1,2,3-cd)pyrene	ND	750	ug/kg	25
2-Methylnaphthalene	ND	750	ug/kg	22
2-Methylphenol	ND	750	ug/kg	15
Naphthalene	ND	750	ug/kg	35
2-Nitroaniline	ND	3800	ug/kg	57
3-Nitroaniline	ND	3800	ug/kg	57
4-Nitroaniline	ND	3800	ug/kg	83
Nitrobenzene	ND	750	ug/kg	25
2-Nitrophenol	ND	750	ug/kg	11
4-Nitrophenol	ND	3800	ug/kg	49
N-Nitrosodiphenylamine	ND	750	ug/kg	24
N-Nitrosodi-n-propyl-amine	ND	750	ug/kg	35
Pentachlorophenol	ND	3800	ug/kg	130
Phenanthrene	ND	750	ug/kg	19
Phenol	ND	750	ug/kg	21
Pyrene	ND	750	ug/kg	14
2,4,5-Trichloro-phenol	ND	750	ug/kg	11
2,4,6-Trichloro-phenol	ND	750	ug/kg	11
bis(2-Chloroisopropyl) ether	ND	750	ug/kg	35
4-Methylphenol	ND	750	ug/kg	11
Hexachlorobutadiene	ND	750	ug/kg	11
Caprolactam	ND	1800	ug/kg	120
Atrazine	ND	380	ug/kg	42
Carbazole	ND	380	ug/kg	41

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	77	(53 - 120)
Phenol-d5	76	(52 - 120)
Nitrobenzene-d5	71	(50 - 120)
2-Fluorobiphenyl	76	(50 - 120)
2,4,6-Tribromophenol	68	(51 - 120)
Terphenyl-d14	74	(55 - 120)

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Bhate Environmental Associates

Client Sample ID: RW42-DP01-10

GC/MS Semivolatiles

Lot-Sample #...: D7F120221-014 **Work Order #...:** J0R2K1AE **Matrix.....:** SO

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: RW42-DP01-16

GC/MS Semivolatiles

Lot-Sample #...: D7F120221-015 **Work Order #...:** J0R2T1AQ **Matrix.....:** SO
Date Sampled...: 06/10/07 13:10 **Date Received..:** 06/12/07
Prep Date.....: 06/15/07 **Analysis Date..:** 06/22/07
Prep Batch #...: 7166011 **Analysis Time..:** 14:41
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	360	ug/kg	11
Acenaphthylene	ND	360	ug/kg	19
Acetophenone	ND	360	ug/kg	22
Anthracene	ND	360	ug/kg	19
Benzo(a)anthracene	ND	720	ug/kg	22
Benzo(b)fluoranthene	ND	720	ug/kg	29
Benzo(k)fluoranthene	ND	720	ug/kg	44
Benzo(ghi)perylene	ND	720	ug/kg	17
Benzo(a)pyrene	ND	720	ug/kg	22
bis(2-Chloroethoxy) methane	ND	360	ug/kg	25
bis(2-Chloroethyl)-ether	ND	720	ug/kg	18
bis(2-Ethylhexyl) phthalate	ND	720	ug/kg	34
4-Bromophenyl phenyl ether	ND	720	ug/kg	21
Butyl benzyl phthalate	ND	720	ug/kg	47
4-Chloroaniline	ND	1400	ug/kg	23
4-Chloro-3-methylphenol	ND	1400	ug/kg	26
2-Chloronaphthalene	ND	360	ug/kg	11
2-Chlorophenol	ND	720	ug/kg	23
4-Chlorophenyl phenyl ether	ND	720	ug/kg	23
Chrysene	ND	720	ug/kg	30
Dibenz(a,h)anthracene	ND	720	ug/kg	21
Dibenzofuran	ND	720	ug/kg	22
Di-n-butyl phthalate	ND	720	ug/kg	32
3,3'-Dichlorobenzidine	ND	1400	ug/kg	55
2,4-Dichlorophenol	ND	720	ug/kg	11
Diethyl phthalate	ND	720	ug/kg	28
2,4-Dimethylphenol	ND	720	ug/kg	28
Dimethyl phthalate	ND	720	ug/kg	20
4,6-Dinitro-2-methylphenol	ND	3600	ug/kg	55
2,4-Dinitrophenol	ND	3600	ug/kg	55
2,4-Dinitrotoluene	ND	720	ug/kg	25
2,6-Dinitrotoluene	ND	720	ug/kg	31

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Bhate Environmental Associates

Client Sample ID: RW42-DP01-16

GC/MS Semivolatiles

Lot-Sample #...: D7F120221-015 **Work Order #...:** J0R2T1AQ **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	720	ug/kg	16
Fluoranthene	ND	720	ug/kg	39
Fluorene	ND	720	ug/kg	20
Hexachlorobenzene	ND	720	ug/kg	32
Hexachlorocyclopenta-diene	ND	720	ug/kg	55
Hexachloroethane	ND	720	ug/kg	23
Indeno(1,2,3-cd)pyrene	ND	720	ug/kg	24
2-Methylnaphthalene	ND	720	ug/kg	21
2-Methylphenol	ND	720	ug/kg	14
Naphthalene	ND	720	ug/kg	34
2-Nitroaniline	ND	3600	ug/kg	55
3-Nitroaniline	ND	3600	ug/kg	55
4-Nitroaniline	ND	3600	ug/kg	79
Nitrobenzene	ND	720	ug/kg	24
2-Nitrophenol	ND	720	ug/kg	11
4-Nitrophenol	ND	3600	ug/kg	47
N-Nitrosodiphenylamine	ND	720	ug/kg	23
N-Nitrosodi-n-propyl-amine	ND	720	ug/kg	34
Pentachlorophenol	ND	3600	ug/kg	120
Phenanthrene	ND	720	ug/kg	19
Phenol	ND	720	ug/kg	20
Pyrene	ND	720	ug/kg	13
2,4,5-Trichloro-phenol	ND	720	ug/kg	11
2,4,6-Trichloro-phenol	ND	720	ug/kg	11
bis(2-Chloroisopropyl) ether	ND	720	ug/kg	34
4-Methylphenol	ND	720	ug/kg	11
Hexachlorobutadiene	ND	720	ug/kg	11
Caprolactam	ND	1700	ug/kg	120
Atrazine	ND	360	ug/kg	40
Carbazole	ND	360	ug/kg	39

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	79	(53 - 120)
Phenol-d5	77	(52 - 120)
Nitrobenzene-d5	72	(50 - 120)
2-Fluorobiphenyl	77	(50 - 120)
2,4,6-Tribromophenol	70	(51 - 120)
Terphenyl-d14	77	(55 - 120)

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Bhate Environmental Associates

Client Sample ID: RW42-DP01-16

GC/MS Semivolatiles

Lot-Sample #...: D7F120221-015 **Work Order #...:** J0R2T1AQ **Matrix.....:** SO

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: RW42-DP01-24

GC/MS Semivolatiles

Lot-Sample #...: D7F120221-016 **Work Order #...:** J0R2W1AQ **Matrix.....:** SO
Date Sampled...: 06/10/07 13:20 **Date Received..:** 06/12/07
Prep Date.....: 06/15/07 **Analysis Date..:** 06/22/07
Prep Batch #...: 7166011 **Analysis Time..:** 15:00
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	390	ug/kg	12
Acenaphthylene	ND	390	ug/kg	20
Acetophenone	ND	390	ug/kg	24
Anthracene	ND	390	ug/kg	20
Benzo(a)anthracene	ND	780	ug/kg	24
Benzo(b)fluoranthene	ND	780	ug/kg	31
Benzo(k)fluoranthene	ND	780	ug/kg	47
Benzo(ghi)perylene	ND	780	ug/kg	19
Benzo(a)pyrene	ND	780	ug/kg	24
bis(2-Chloroethoxy) methane	ND	390	ug/kg	27
bis(2-Chloroethyl)-ether	ND	780	ug/kg	20
bis(2-Ethylhexyl) phthalate	ND	780	ug/kg	37
4-Bromophenyl phenyl ether	ND	780	ug/kg	22
Butyl benzyl phthalate	ND	780	ug/kg	51
4-Chloroaniline	ND	1500	ug/kg	25
4-Chloro-3-methylphenol	ND	1500	ug/kg	28
2-Chloronaphthalene	ND	390	ug/kg	12
2-Chlorophenol	ND	780	ug/kg	25
4-Chlorophenyl phenyl ether	ND	780	ug/kg	25
Chrysene	ND	780	ug/kg	32
Dibenz(a,h)anthracene	ND	780	ug/kg	22
Dibenzofuran	ND	780	ug/kg	24
Di-n-butyl phthalate	ND	780	ug/kg	34
3,3'-Dichlorobenzidine	ND	1500	ug/kg	59
2,4-Dichlorophenol	ND	780	ug/kg	12
Diethyl phthalate	ND	780	ug/kg	31
2,4-Dimethylphenol	ND	780	ug/kg	31
Dimethyl phthalate	ND	780	ug/kg	21
4,6-Dinitro-2-methylphenol	ND	3900	ug/kg	59
2,4-Dinitrophenol	ND	3900	ug/kg	59
2,4-Dinitrotoluene	ND	780	ug/kg	27
2,6-Dinitrotoluene	ND	780	ug/kg	33

(Continued on next page)

Bhate Environmental Associates

Client Sample ID: RW42-DP01-24

GC/MS Semivolatiles

Lot-Sample #...: D7F120221-016 **Work Order #...:** J0R2W1AQ **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	780	ug/kg	17
Fluoranthene	ND	780	ug/kg	43
Fluorene	ND	780	ug/kg	21
Hexachlorobenzene	ND	780	ug/kg	34
Hexachlorocyclopenta-diene	ND	780	ug/kg	59
Hexachloroethane	ND	780	ug/kg	25
Indeno(1,2,3-cd)pyrene	ND	780	ug/kg	26
2-Methylnaphthalene	ND	780	ug/kg	22
2-Methylphenol	ND	780	ug/kg	15
Naphthalene	ND	780	ug/kg	37
2-Nitroaniline	ND	3900	ug/kg	59
3-Nitroaniline	ND	3900	ug/kg	59
4-Nitroaniline	ND	3900	ug/kg	86
Nitrobenzene	ND	780	ug/kg	26
2-Nitrophenol	ND	780	ug/kg	12
4-Nitrophenol	ND	3900	ug/kg	51
N-Nitrosodiphenylamine	ND	780	ug/kg	25
N-Nitrosodi-n-propyl-amine	ND	780	ug/kg	37
Pentachlorophenol	ND	3900	ug/kg	130
Phenanthrene	ND	780	ug/kg	20
Phenol	ND	780	ug/kg	21
Pyrene	ND	780	ug/kg	14
2,4,5-Trichloro-phenol	ND	780	ug/kg	12
2,4,6-Trichloro-phenol	ND	780	ug/kg	12
bis(2-Chloroisopropyl) ether	ND	780	ug/kg	37
4-Methylphenol	ND	780	ug/kg	12
Hexachlorobutadiene	ND	780	ug/kg	12
Caprolactam	ND	1900	ug/kg	130
Atrazine	ND	390	ug/kg	44
Carbazole	ND	390	ug/kg	43

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	63	(53 - 120)
Phenol-d5	63	(52 - 120)
Nitrobenzene-d5	57	(50 - 120)
2-Fluorobiphenyl	62	(50 - 120)
2,4,6-Tribromophenol	53	(51 - 120)
Terphenyl-d14	58	(55 - 120)

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Bhate Environmental Associates

Client Sample ID: RW42-DP01-24

GC/MS Semivolatiles

Lot-Sample #...: D7F120221-016 **Work Order #...:** J0R2W1AQ **Matrix.....:** SO

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: RW42-DP01-24A

GC/MS Semivolatiles

Lot-Sample #...: D7F120221-017 **Work Order #...:** J0R201AQ **Matrix.....:** SO
Date Sampled...: 06/10/07 13:20 **Date Received..:** 06/12/07
Prep Date.....: 06/15/07 **Analysis Date..:** 06/22/07
Prep Batch #...: 7166011 **Analysis Time..:** 15:20
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	380	ug/kg	12
Acenaphthylene	ND	380	ug/kg	20
Acetophenone	ND	380	ug/kg	23
Anthracene	ND	380	ug/kg	20
Benzo(a)anthracene	ND	760	ug/kg	23
Benzo(b)fluoranthene	ND	760	ug/kg	30
Benzo(k)fluoranthene	ND	760	ug/kg	46
Benzo(ghi)perylene	ND	760	ug/kg	19
Benzo(a)pyrene	ND	760	ug/kg	23
bis(2-Chloroethoxy) methane	ND	380	ug/kg	27
bis(2-Chloroethyl)-ether	ND	760	ug/kg	19
bis(2-Ethylhexyl) phthalate	ND	760	ug/kg	36
4-Bromophenyl phenyl ether	ND	760	ug/kg	22
Butyl benzyl phthalate	ND	760	ug/kg	50
4-Chloroaniline	ND	1500	ug/kg	24
4-Chloro-3-methylphenol	ND	1500	ug/kg	28
2-Chloronaphthalene	ND	380	ug/kg	12
2-Chlorophenol	ND	760	ug/kg	24
4-Chlorophenyl phenyl ether	ND	760	ug/kg	24
Chrysene	ND	760	ug/kg	31
Dibenz(a,h)anthracene	ND	760	ug/kg	22
Dibenzofuran	ND	760	ug/kg	23
Di-n-butyl phthalate	ND	760	ug/kg	34
3,3'-Dichlorobenzidine	ND	1500	ug/kg	58
2,4-Dichlorophenol	ND	760	ug/kg	12
Diethyl phthalate	ND	760	ug/kg	30
2,4-Dimethylphenol	ND	760	ug/kg	30
Dimethyl phthalate	ND	760	ug/kg	21
4,6-Dinitro-2-methylphenol	ND	3800	ug/kg	58
2,4-Dinitrophenol	ND	3800	ug/kg	58
2,4-Dinitrotoluene	ND	760	ug/kg	27
2,6-Dinitrotoluene	ND	760	ug/kg	32

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Bhate Environmental Associates

Client Sample ID: RW42-DP01-24A

GC/MS Semivolatiles

Lot-Sample #...: D7F120221-017 **Work Order #...:** J0R201AQ **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	760	ug/kg	17
Fluoranthene	ND	760	ug/kg	42
Fluorene	ND	760	ug/kg	21
Hexachlorobenzene	ND	760	ug/kg	34
Hexachlorocyclopenta-diene	ND	760	ug/kg	58
Hexachloroethane	ND	760	ug/kg	25
Indeno(1,2,3-cd)pyrene	ND	760	ug/kg	25
2-Methylnaphthalene	ND	760	ug/kg	22
2-Methylphenol	ND	760	ug/kg	15
Naphthalene	ND	760	ug/kg	36
2-Nitroaniline	ND	3800	ug/kg	58
3-Nitroaniline	ND	3800	ug/kg	58
4-Nitroaniline	ND	3800	ug/kg	84
Nitrobenzene	ND	760	ug/kg	25
2-Nitrophenol	ND	760	ug/kg	12
4-Nitrophenol	ND	3800	ug/kg	50
N-Nitrosodiphenylamine	ND	760	ug/kg	24
N-Nitrosodi-n-propyl-amine	ND	760	ug/kg	36
Pentachlorophenol	ND	3800	ug/kg	130
Phenanthrene	ND	760	ug/kg	20
Phenol	ND	760	ug/kg	21
Pyrene	ND	760	ug/kg	14
2,4,5-Trichloro-phenol	ND	760	ug/kg	12
2,4,6-Trichloro-phenol	ND	760	ug/kg	12
bis(2-Chloroisopropyl) ether	ND	760	ug/kg	36
4-Methylphenol	ND	760	ug/kg	12
Hexachlorobutadiene	ND	760	ug/kg	12
Caprolactam	ND	1900	ug/kg	120
Atrazine	ND	380	ug/kg	43
Carbazole	ND	380	ug/kg	42

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	61	(53 - 120)
Phenol-d5	61	(52 - 120)
Nitrobenzene-d5	55	(50 - 120)
2-Fluorobiphenyl	62	(50 - 120)
2,4,6-Tribromophenol	54	(51 - 120)
Terphenyl-d14	60	(55 - 120)

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Bhate Environmental Associates

Client Sample ID: RW42-DP01-24A

GC/MS Semivolatiles

Lot-Sample #...: D7F120221-017 **Work Order #...:** J0R201AQ **Matrix.....:** SO

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: RW42-DP02-10

GC/MS Semivolatiles

Lot-Sample #...: D7F120221-018 **Work Order #...:** J0R211A3 **Matrix.....:** SO
Date Sampled...: 06/10/07 13:45 **Date Received..:** 06/12/07
Prep Date.....: 06/15/07 **Analysis Date..:** 06/22/07
Prep Batch #...: 7166011 **Analysis Time..:** 15:39
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	360	ug/kg	11
Acenaphthylene	ND	360	ug/kg	18
Acetophenone	ND	360	ug/kg	22
Anthracene	ND	360	ug/kg	18
Benzo(a)anthracene	ND	720	ug/kg	22
Benzo(b)fluoranthene	ND	720	ug/kg	28
Benzo(k)fluoranthene	ND	720	ug/kg	43
Benzo(ghi)perylene	ND	720	ug/kg	17
Benzo(a)pyrene	ND	720	ug/kg	22
bis(2-Chloroethoxy) methane	ND	360	ug/kg	25
bis(2-Chloroethyl)-ether	ND	720	ug/kg	18
bis(2-Ethylhexyl) phthalate	ND	720	ug/kg	34
4-Bromophenyl phenyl ether	ND	720	ug/kg	21
Butyl benzyl phthalate	ND	720	ug/kg	47
4-Chloroaniline	ND	1400	ug/kg	23
4-Chloro-3-methylphenol	ND	1400	ug/kg	26
2-Chloronaphthalene	ND	360	ug/kg	11
2-Chlorophenol	ND	720	ug/kg	23
4-Chlorophenyl phenyl ether	ND	720	ug/kg	23
Chrysene	ND	720	ug/kg	29
Dibenz(a,h)anthracene	ND	720	ug/kg	21
Dibenzofuran	ND	720	ug/kg	22
Di-n-butyl phthalate	ND	720	ug/kg	31
3,3'-Dichlorobenzidine	ND	1400	ug/kg	54
2,4-Dichlorophenol	ND	720	ug/kg	11
Diethyl phthalate	ND	720	ug/kg	28
2,4-Dimethylphenol	ND	720	ug/kg	28
Dimethyl phthalate	ND	720	ug/kg	20
4,6-Dinitro-2-methylphenol	ND	3600	ug/kg	54
2,4-Dinitrophenol	ND	3600	ug/kg	54
2,4-Dinitrotoluene	ND	720	ug/kg	25
2,6-Dinitrotoluene	ND	720	ug/kg	30

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Bhate Environmental Associates

Client Sample ID: RW42-DP02-10

GC/MS Semivolatiles

Lot-Sample #...: D7F120221-018 **Work Order #...:** J0R211A3 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	720	ug/kg	16
Fluoranthene	ND	720	ug/kg	39
Fluorene	ND	720	ug/kg	20
Hexachlorobenzene	ND	720	ug/kg	31
Hexachlorocyclopenta-diene	ND	720	ug/kg	54
Hexachloroethane	ND	720	ug/kg	23
Indeno(1,2,3-cd)pyrene	ND	720	ug/kg	24
2-Methylnaphthalene	ND	720	ug/kg	21
2-Methylphenol	ND	720	ug/kg	14
Naphthalene	ND	720	ug/kg	34
2-Nitroaniline	ND	3600	ug/kg	54
3-Nitroaniline	ND	3600	ug/kg	54
4-Nitroaniline	ND	3600	ug/kg	79
Nitrobenzene	ND	720	ug/kg	24
2-Nitrophenol	ND	720	ug/kg	11
4-Nitrophenol	ND	3600	ug/kg	47
N-Nitrosodiphenylamine	ND	720	ug/kg	23
N-Nitrosodi-n-propyl-amine	ND	720	ug/kg	34
Pentachlorophenol	ND	3600	ug/kg	120
Phenanthrene	ND	720	ug/kg	18
Phenol	ND	720	ug/kg	20
Pyrene	ND	720	ug/kg	13
2,4,5-Trichloro-phenol	ND	720	ug/kg	11
2,4,6-Trichloro-phenol	ND	720	ug/kg	11
bis(2-Chloroisopropyl) ether	ND	720	ug/kg	34
4-Methylphenol	ND	720	ug/kg	11
Hexachlorobutadiene	ND	720	ug/kg	11
Caprolactam	ND	1700	ug/kg	120
Atrazine	ND	360	ug/kg	40
Carbazole	ND	360	ug/kg	39

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	69	(53 - 120)
Phenol-d5	71	(52 - 120)
Nitrobenzene-d5	64	(50 - 120)
2-Fluorobiphenyl	72	(50 - 120)
2,4,6-Tribromophenol	60	(51 - 120)
Terphenyl-d14	72	(55 - 120)

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Bhate Environmental Associates

Client Sample ID: RW42-DP02-10

GC/MS Semivolatiles

Lot-Sample #...: D7F120221-018 **Work Order #...:** J0R211A3 **Matrix.....:** SO

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: RW42-DP02-16

GC/MS Semivolatiles

Lot-Sample #...: D7F120221-019 **Work Order #...:** J0R241A3 **Matrix.....:** SO
Date Sampled...: 06/10/07 14:00 **Date Received..:** 06/12/07
Prep Date.....: 06/15/07 **Analysis Date..:** 06/22/07
Prep Batch #...: 7166011 **Analysis Time..:** 15:59
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	370	ug/kg	12
Acenaphthylene	ND	370	ug/kg	19
Acetophenone	ND	370	ug/kg	23
Anthracene	ND	370	ug/kg	19
Benzo(a)anthracene	ND	740	ug/kg	23
Benzo(b)fluoranthene	ND	740	ug/kg	30
Benzo(k)fluoranthene	ND	740	ug/kg	45
Benzo(ghi)perylene	ND	740	ug/kg	18
Benzo(a)pyrene	ND	740	ug/kg	23
bis(2-Chloroethoxy) methane	ND	370	ug/kg	26
bis(2-Chloroethyl)-ether	ND	740	ug/kg	19
bis(2-Ethylhexyl) phthalate	ND	740	ug/kg	35
4-Bromophenyl phenyl ether	ND	740	ug/kg	21
Butyl benzyl phthalate	ND	740	ug/kg	48
4-Chloroaniline	ND	1500	ug/kg	23
4-Chloro-3-methylphenol	ND	1500	ug/kg	27
2-Chloronaphthalene	ND	370	ug/kg	11
2-Chlorophenol	ND	740	ug/kg	24
4-Chlorophenyl phenyl ether	ND	740	ug/kg	24
Chrysene	ND	740	ug/kg	30
Dibenz(a,h)anthracene	ND	740	ug/kg	21
Dibenzofuran	ND	740	ug/kg	23
Di-n-butyl phthalate	ND	740	ug/kg	33
3,3'-Dichlorobenzidine	ND	1500	ug/kg	56
2,4-Dichlorophenol	ND	740	ug/kg	11
Diethyl phthalate	ND	740	ug/kg	29
2,4-Dimethylphenol	ND	740	ug/kg	29
Dimethyl phthalate	ND	740	ug/kg	20
4,6-Dinitro-2-methylphenol	ND	3700	ug/kg	56
2,4-Dinitrophenol	ND	3700	ug/kg	56
2,4-Dinitrotoluene	ND	740	ug/kg	26
2,6-Dinitrotoluene	ND	740	ug/kg	32

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Bhate Environmental Associates

Client Sample ID: RW42-DP02-16

GC/MS Semivolatiles

Lot-Sample #...: D7F120221-019 **Work Order #...:** J0R241A3 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	740	ug/kg	16
Fluoranthene	ND	740	ug/kg	41
Fluorene	ND	740	ug/kg	20
Hexachlorobenzene	ND	740	ug/kg	33
Hexachlorocyclopenta-diene	ND	740	ug/kg	56
Hexachloroethane	ND	740	ug/kg	24
Indeno(1,2,3-cd)pyrene	ND	740	ug/kg	25
2-Methylnaphthalene	ND	740	ug/kg	21
2-Methylphenol	ND	740	ug/kg	15
Naphthalene	ND	740	ug/kg	35
2-Nitroaniline	ND	3700	ug/kg	56
3-Nitroaniline	ND	3700	ug/kg	56
4-Nitroaniline	ND	3700	ug/kg	82
Nitrobenzene	ND	740	ug/kg	25
2-Nitrophenol	ND	740	ug/kg	11
4-Nitrophenol	ND	3700	ug/kg	48
N-Nitrosodiphenylamine	ND	740	ug/kg	24
N-Nitrosodi-n-propyl-amine	ND	740	ug/kg	35
Pentachlorophenol	ND	3700	ug/kg	120
Phenanthrene	ND	740	ug/kg	19
Phenol	ND	740	ug/kg	20
Pyrene	ND	740	ug/kg	14
2,4,5-Trichloro-phenol	ND	740	ug/kg	11
2,4,6-Trichloro-phenol	ND	740	ug/kg	11
bis(2-Chloroisopropyl) ether	ND	740	ug/kg	35
4-Methylphenol	ND	740	ug/kg	11
Hexachlorobutadiene	ND	740	ug/kg	11
Caprolactam	ND	1800	ug/kg	120
Atrazine	ND	370	ug/kg	42
Carbazole	ND	370	ug/kg	41

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	62	(53 - 120)
Phenol-d5	62	(52 - 120)
Nitrobenzene-d5	57	(50 - 120)
2-Fluorobiphenyl	63	(50 - 120)
2,4,6-Tribromophenol	55	(51 - 120)
Terphenyl-d14	64	(55 - 120)

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Bhate Environmental Associates

Client Sample ID: RW42-DP02-16

GC/MS Semivolatiles

Lot-Sample #...: D7F120221-019 **Work Order #...:** J0R241A3 **Matrix.....:** SO

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: RW42-DP02-24

GC/MS Semivolatiles

Lot-Sample #...: D7F120221-020 **Work Order #...:** J0R251A3 **Matrix.....:** SO
Date Sampled...: 06/10/07 14:15 **Date Received..:** 06/12/07
Prep Date.....: 06/15/07 **Analysis Date..:** 06/22/07
Prep Batch #...: 7166011 **Analysis Time..:** 16:18
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	380	ug/kg	12
Acenaphthylene	ND	380	ug/kg	20
Acetophenone	ND	380	ug/kg	23
Anthracene	ND	380	ug/kg	20
Benzo(a)anthracene	ND	760	ug/kg	23
Benzo(b)fluoranthene	ND	760	ug/kg	30
Benzo(k)fluoranthene	ND	760	ug/kg	46
Benzo(ghi)perylene	ND	760	ug/kg	19
Benzo(a)pyrene	ND	760	ug/kg	23
bis(2-Chloroethoxy) methane	ND	380	ug/kg	27
bis(2-Chloroethyl)-ether	ND	760	ug/kg	19
bis(2-Ethylhexyl) phthalate	ND	760	ug/kg	36
4-Bromophenyl phenyl ether	ND	760	ug/kg	22
Butyl benzyl phthalate	ND	760	ug/kg	50
4-Chloroaniline	ND	1500	ug/kg	24
4-Chloro-3-methylphenol	ND	1500	ug/kg	28
2-Chloronaphthalene	ND	380	ug/kg	12
2-Chlorophenol	ND	760	ug/kg	24
4-Chlorophenyl phenyl ether	ND	760	ug/kg	24
Chrysene	ND	760	ug/kg	31
Dibenz(a,h)anthracene	ND	760	ug/kg	22
Dibenzofuran	ND	760	ug/kg	23
Di-n-butyl phthalate	ND	760	ug/kg	34
3,3'-Dichlorobenzidine	ND	1500	ug/kg	58
2,4-Dichlorophenol	ND	760	ug/kg	12
Diethyl phthalate	ND	760	ug/kg	30
2,4-Dimethylphenol	ND	760	ug/kg	30
Dimethyl phthalate	ND	760	ug/kg	21
4,6-Dinitro-2-methylphenol	ND	3800	ug/kg	58
2,4-Dinitrophenol	ND	3800	ug/kg	58
2,4-Dinitrotoluene	ND	760	ug/kg	27
2,6-Dinitrotoluene	ND	760	ug/kg	32

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Bhate Environmental Associates

Client Sample ID: RW42-DP02-24

GC/MS Semivolatiles

Lot-Sample #...: D7F120221-020 **Work Order #...:** J0R251A3 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	760	ug/kg	17
Fluoranthene	ND	760	ug/kg	42
Fluorene	ND	760	ug/kg	21
Hexachlorobenzene	ND	760	ug/kg	34
Hexachlorocyclopenta-diene	ND	760	ug/kg	58
Hexachloroethane	ND	760	ug/kg	25
Indeno(1,2,3-cd)pyrene	ND	760	ug/kg	25
2-Methylnaphthalene	ND	760	ug/kg	22
2-Methylphenol	ND	760	ug/kg	15
Naphthalene	ND	760	ug/kg	36
2-Nitroaniline	ND	3800	ug/kg	58
3-Nitroaniline	ND	3800	ug/kg	58
4-Nitroaniline	ND	3800	ug/kg	84
Nitrobenzene	ND	760	ug/kg	25
2-Nitrophenol	ND	760	ug/kg	12
4-Nitrophenol	ND	3800	ug/kg	50
N-Nitrosodiphenylamine	ND	760	ug/kg	24
N-Nitrosodi-n-propyl-amine	ND	760	ug/kg	36
Pentachlorophenol	ND	3800	ug/kg	130
Phenanthrene	ND	760	ug/kg	20
Phenol	ND	760	ug/kg	21
Pyrene	ND	760	ug/kg	14
2,4,5-Trichloro-phenol	ND	760	ug/kg	12
2,4,6-Trichloro-phenol	ND	760	ug/kg	12
bis(2-Chloroisopropyl) ether	ND	760	ug/kg	36
4-Methylphenol	ND	760	ug/kg	12
Hexachlorobutadiene	ND	760	ug/kg	12
Caprolactam	ND	1900	ug/kg	120
Atrazine	ND	380	ug/kg	43
Carbazole	ND	380	ug/kg	42

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	64	(53 - 120)
Phenol-d5	64	(52 - 120)
Nitrobenzene-d5	59	(50 - 120)
2-Fluorobiphenyl	64	(50 - 120)
2,4,6-Tribromophenol	56	(51 - 120)
Terphenyl-d14	67	(55 - 120)

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Bhate Environmental Associates

Client Sample ID: RW42-DP02-24

GC/MS Semivolatiles

Lot-Sample #...: D7F120221-020 **Work Order #...:** J0R251A3 **Matrix.....:** SO

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: RW42-DP03-10

GC/MS Semivolatiles

Lot-Sample #...: D7F120221-021 **Work Order #...:** J0R261A3 **Matrix.....:** SO
Date Sampled...: 06/10/07 14:45 **Date Received..:** 06/12/07
Prep Date.....: 06/15/07 **Analysis Date..:** 06/22/07
Prep Batch #...: 7166011 **Analysis Time..:** 16:37
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	380	ug/kg	12
Acenaphthylene	ND	380	ug/kg	20
Acetophenone	ND	380	ug/kg	23
Anthracene	ND	380	ug/kg	20
Benzo(a)anthracene	ND	760	ug/kg	23
Benzo(b)fluoranthene	ND	760	ug/kg	30
Benzo(k)fluoranthene	ND	760	ug/kg	46
Benzo(ghi)perylene	ND	760	ug/kg	18
Benzo(a)pyrene	ND	760	ug/kg	23
bis(2-Chloroethoxy) methane	ND	380	ug/kg	27
bis(2-Chloroethyl)-ether	ND	760	ug/kg	19
bis(2-Ethylhexyl) phthalate	ND	760	ug/kg	36
4-Bromophenyl phenyl ether	ND	760	ug/kg	22
Butyl benzyl phthalate	ND	760	ug/kg	50
4-Chloroaniline	ND	1500	ug/kg	24
4-Chloro-3-methylphenol	ND	1500	ug/kg	28
2-Chloronaphthalene	ND	380	ug/kg	12
2-Chlorophenol	ND	760	ug/kg	24
4-Chlorophenyl phenyl ether	ND	760	ug/kg	24
Chrysene	ND	760	ug/kg	31
Dibenz(a,h)anthracene	ND	760	ug/kg	22
Dibenzofuran	ND	760	ug/kg	23
Di-n-butyl phthalate	ND	760	ug/kg	33
3,3'-Dichlorobenzidine	ND	1500	ug/kg	58
2,4-Dichlorophenol	ND	760	ug/kg	12
Diethyl phthalate	ND	760	ug/kg	30
2,4-Dimethylphenol	ND	760	ug/kg	30
Dimethyl phthalate	ND	760	ug/kg	21
4,6-Dinitro-2-methylphenol	ND	3800	ug/kg	58
2,4-Dinitrophenol	ND	3800	ug/kg	58
2,4-Dinitrotoluene	ND	760	ug/kg	27
2,6-Dinitrotoluene	ND	760	ug/kg	32

(Continued on next page)

Bhate Environmental Associates

Client Sample ID: RW42-DP03-10

GC/MS Semivolatiles

Lot-Sample #...: D7F120221-021 **Work Order #...:** J0R261A3 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	760	ug/kg	17
Fluoranthene	ND	760	ug/kg	42
Fluorene	ND	760	ug/kg	21
Hexachlorobenzene	ND	760	ug/kg	33
Hexachlorocyclopenta-diene	ND	760	ug/kg	58
Hexachloroethane	ND	760	ug/kg	25
Indeno(1,2,3-cd)pyrene	ND	760	ug/kg	25
2-Methylnaphthalene	ND	760	ug/kg	22
2-Methylphenol	ND	760	ug/kg	15
Naphthalene	ND	760	ug/kg	36
2-Nitroaniline	ND	3800	ug/kg	58
3-Nitroaniline	ND	3800	ug/kg	58
4-Nitroaniline	ND	3800	ug/kg	84
Nitrobenzene	ND	760	ug/kg	25
2-Nitrophenol	ND	760	ug/kg	12
4-Nitrophenol	ND	3800	ug/kg	50
N-Nitrosodiphenylamine	ND	760	ug/kg	24
N-Nitrosodi-n-propyl-amine	ND	760	ug/kg	36
Pentachlorophenol	ND	3800	ug/kg	130
Phenanthrene	ND	760	ug/kg	20
Phenol	ND	760	ug/kg	21
Pyrene	ND	760	ug/kg	14
2,4,5-Trichloro-phenol	ND	760	ug/kg	12
2,4,6-Trichloro-phenol	ND	760	ug/kg	12
bis(2-Chloroisopropyl) ether	ND	760	ug/kg	36
4-Methylphenol	ND	760	ug/kg	12
Hexachlorobutadiene	ND	760	ug/kg	12
Caprolactam	ND	1800	ug/kg	120
Atrazine	ND	380	ug/kg	43
Carbazole	ND	380	ug/kg	42

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	77	(53 - 120)
Phenol-d5	76	(52 - 120)
Nitrobenzene-d5	71	(50 - 120)
2-Fluorobiphenyl	76	(50 - 120)
2,4,6-Tribromophenol	66	(51 - 120)
Terphenyl-d14	74	(55 - 120)

(Continued on next page)

Bhate Environmental Associates

Client Sample ID: RW42-DP03-10

GC/MS Semivolatiles

Lot-Sample #...: D7F120221-021 **Work Order #...:** J0R261A3 **Matrix.....:** SO

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: RW42-DP03-16

GC/MS Semivolatiles

Lot-Sample #...: D7F120221-022 **Work Order #...:** J0R3G1A3 **Matrix.....:** SO
Date Sampled...: 06/10/07 15:00 **Date Received..:** 06/12/07
Prep Date.....: 06/15/07 **Analysis Date..:** 06/22/07
Prep Batch #...: 7166011 **Analysis Time..:** 16:57
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	380	ug/kg	12
Acenaphthylene	ND	380	ug/kg	20
Acetophenone	ND	380	ug/kg	23
Anthracene	ND	380	ug/kg	20
Benzo(a)anthracene	ND	760	ug/kg	23
Benzo(b)fluoranthene	ND	760	ug/kg	30
Benzo(k)fluoranthene	ND	760	ug/kg	46
Benzo(ghi)perylene	ND	760	ug/kg	18
Benzo(a)pyrene	ND	760	ug/kg	23
bis(2-Chloroethoxy) methane	ND	380	ug/kg	26
bis(2-Chloroethyl)-ether	ND	760	ug/kg	19
bis(2-Ethylhexyl) phthalate	**48 J**	**760**	**ug/kg**	**36**
4-Bromophenyl phenyl ether	ND	760	ug/kg	22
Butyl benzyl phthalate	ND	760	ug/kg	50
4-Chloroaniline	ND	1500	ug/kg	24
4-Chloro-3-methylphenol	ND	1500	ug/kg	28
2-Chloronaphthalene	ND	380	ug/kg	12
2-Chlorophenol	ND	760	ug/kg	24
4-Chlorophenyl phenyl ether	ND	760	ug/kg	24
Chrysene	ND	760	ug/kg	31
Dibenz(a,h)anthracene	ND	760	ug/kg	22
Dibenzofuran	ND	760	ug/kg	23
Di-n-butyl phthalate	ND	760	ug/kg	33
3,3'-Dichlorobenzidine	ND	1500	ug/kg	58
2,4-Dichlorophenol	ND	760	ug/kg	12
Diethyl phthalate	ND	760	ug/kg	30
2,4-Dimethylphenol	ND	760	ug/kg	30
Dimethyl phthalate	ND	760	ug/kg	21
4,6-Dinitro-2-methylphenol	ND	3800	ug/kg	58
2,4-Dinitrophenol	ND	3800	ug/kg	58
2,4-Dinitrotoluene	ND	760	ug/kg	26
2,6-Dinitrotoluene	ND	760	ug/kg	32

(Continued on next page)

Bhate Environmental Associates

Client Sample ID: RW42-DP03-16

GC/MS Semivolatiles

Lot-Sample #...: D7F120221-022 **Work Order #...:** J0R3G1A3 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	760	ug/kg	17
Fluoranthene	ND	760	ug/kg	41
Fluorene	ND	760	ug/kg	21
Hexachlorobenzene	ND	760	ug/kg	33
Hexachlorocyclopenta-diene	ND	760	ug/kg	58
Hexachloroethane	ND	760	ug/kg	25
Indeno(1,2,3-cd)pyrene	ND	760	ug/kg	25
2-Methylnaphthalene	ND	760	ug/kg	22
2-Methylphenol	ND	760	ug/kg	15
Naphthalene	ND	760	ug/kg	36
2-Nitroaniline	ND	3800	ug/kg	58
3-Nitroaniline	ND	3800	ug/kg	58
4-Nitroaniline	ND	3800	ug/kg	84
Nitrobenzene	ND	760	ug/kg	25
2-Nitrophenol	ND	760	ug/kg	12
4-Nitrophenol	ND	3800	ug/kg	50
N-Nitrosodiphenylamine	ND	760	ug/kg	24
N-Nitrosodi-n-propyl-amine	ND	760	ug/kg	36
Pentachlorophenol	ND	3800	ug/kg	130
Phenanthrene	ND	760	ug/kg	20
Phenol	ND	760	ug/kg	21
Pyrene	ND	760	ug/kg	14
2,4,5-Trichloro-phenol	ND	760	ug/kg	12
2,4,6-Trichloro-phenol	ND	760	ug/kg	12
bis(2-Chloroisopropyl) ether	ND	760	ug/kg	36
4-Methylphenol	ND	760	ug/kg	12
Hexachlorobutadiene	ND	760	ug/kg	12
Caprolactam	ND	1800	ug/kg	120
Atrazine	ND	380	ug/kg	43
Carbazole	ND	380	ug/kg	41

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	71	(53 - 120)
Phenol-d5	70	(52 - 120)
Nitrobenzene-d5	65	(50 - 120)
2-Fluorobiphenyl	71	(50 - 120)
2,4,6-Tribromophenol	65	(51 - 120)
Terphenyl-d14	66	(55 - 120)

(Continued on next page)

Bhate Environmental Associates

Client Sample ID: RW42-DP03-16

GC/MS Semivolatiles

Lot-Sample #...: D7F120221-022 **Work Order #...:** J0R3G1A3 **Matrix.....:** SO

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: RW42-DP03-24

GC/MS Semivolatiles

Lot-Sample #...: D7F120221-023 **Work Order #...:** J0R3H1A3 **Matrix.....:** SO
Date Sampled...: 06/10/07 15:15 **Date Received..:** 06/12/07
Prep Date.....: 06/15/07 **Analysis Date..:** 06/22/07
Prep Batch #...: 7166011 **Analysis Time..:** 17:16
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	510	ug/kg	16
Acenaphthylene	ND	510	ug/kg	26
Acetophenone	ND	510	ug/kg	31
Anthracene	ND	510	ug/kg	26
Benzo(a)anthracene	ND	1000	ug/kg	31
Benzo(b)fluoranthene	ND	1000	ug/kg	40
Benzo(k)fluoranthene	ND	1000	ug/kg	62
Benzo(ghi)perylene	ND	1000	ug/kg	25
Benzo(a)pyrene	ND	1000	ug/kg	31
bis(2-Chloroethoxy) methane	ND	510	ug/kg	35
bis(2-Chloroethyl)-ether	ND	1000	ug/kg	26
bis(2-Ethylhexyl) phthalate	ND	1000	ug/kg	48
4-Bromophenyl phenyl ether	ND	1000	ug/kg	29
Butyl benzyl phthalate	ND	1000	ug/kg	66
4-Chloroaniline	ND	2000	ug/kg	32
4-Chloro-3-methylphenol	ND	2000	ug/kg	37
2-Chloronaphthalene	ND	510	ug/kg	15
2-Chlorophenol	ND	1000	ug/kg	32
4-Chlorophenyl phenyl ether	ND	1000	ug/kg	32
Chrysene	ND	1000	ug/kg	42
Dibenz(a,h)anthracene	ND	1000	ug/kg	29
Dibenzofuran	ND	1000	ug/kg	31
Di-n-butyl phthalate	ND	1000	ug/kg	45
3,3'-Dichlorobenzidine	ND	2000	ug/kg	77
2,4-Dichlorophenol	ND	1000	ug/kg	15
Diethyl phthalate	ND	1000	ug/kg	40
2,4-Dimethylphenol	ND	1000	ug/kg	40
Dimethyl phthalate	ND	1000	ug/kg	28
4,6-Dinitro-2-methylphenol	ND	5100	ug/kg	77
2,4-Dinitrophenol	ND	5100	ug/kg	77
2,4-Dinitrotoluene	ND	1000	ug/kg	35
2,6-Dinitrotoluene	ND	1000	ug/kg	43

(Continued on next page)

Bhate Environmental Associates

Client Sample ID: RW42-DP03-24

GC/MS Semivolatiles

Lot-Sample #...: D7F120221-023 **Work Order #...:** J0R3H1A3 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	1000	ug/kg	22
Fluoranthene	ND	1000	ug/kg	55
Fluorene	ND	1000	ug/kg	28
Hexachlorobenzene	ND	1000	ug/kg	45
Hexachlorocyclopenta-diene	ND	1000	ug/kg	77
Hexachloroethane	ND	1000	ug/kg	33
Indeno(1,2,3-cd)pyrene	ND	1000	ug/kg	34
2-Methylnaphthalene	ND	1000	ug/kg	29
2-Methylphenol	ND	1000	ug/kg	20
Naphthalene	ND	1000	ug/kg	48
2-Nitroaniline	ND	5100	ug/kg	77
3-Nitroaniline	ND	5100	ug/kg	77
4-Nitroaniline	ND	5100	ug/kg	110
Nitrobenzene	ND	1000	ug/kg	34
2-Nitrophenol	ND	1000	ug/kg	15
4-Nitrophenol	ND	5100	ug/kg	66
N-Nitrosodiphenylamine	ND	1000	ug/kg	32
N-Nitrosodi-n-propyl-amine	ND	1000	ug/kg	48
Pentachlorophenol	ND	5100	ug/kg	170
Phenanthrene	ND	1000	ug/kg	26
Phenol	ND	1000	ug/kg	28
Pyrene	ND	1000	ug/kg	19
2,4,5-Trichloro-phenol	ND	1000	ug/kg	15
2,4,6-Trichloro-phenol	ND	1000	ug/kg	15
bis(2-Chloroisopropyl) ether	ND	1000	ug/kg	48
4-Methylphenol	ND	1000	ug/kg	15
Hexachlorobutadiene	ND	1000	ug/kg	15
Caprolactam	ND	2500	ug/kg	160
Atrazine	ND	510	ug/kg	57
Carbazole	ND	510	ug/kg	55

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	75	(53 - 120)
Phenol-d5	76	(52 - 120)
Nitrobenzene-d5	68	(50 - 120)
2-Fluorobiphenyl	75	(50 - 120)
2,4,6-Tribromophenol	66	(51 - 120)
Terphenyl-d14	73	(55 - 120)

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Bhate Environmental Associates

Client Sample ID: RW42-DP03-24

GC/MS Semivolatiles

Lot-Sample #...: D7F120221-023 **Work Order #...:** J0R3H1A3 **Matrix.....:** SO

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: RW42-DP04-10

GC/MS Semivolatiles

Lot-Sample #...: D7F120221-024 **Work Order #...:** J0R3K1A3 **Matrix.....:** SO
Date Sampled...: 06/10/07 15:30 **Date Received..:** 06/12/07
Prep Date.....: 06/15/07 **Analysis Date..:** 06/22/07
Prep Batch #...: 7166011 **Analysis Time..:** 17:35
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	380	ug/kg	12
Acenaphthylene	ND	380	ug/kg	20
Acetophenone	ND	380	ug/kg	23
Anthracene	ND	380	ug/kg	20
Benzo(a)anthracene	ND	760	ug/kg	23
Benzo(b)fluoranthene	ND	760	ug/kg	30
Benzo(k)fluoranthene	ND	760	ug/kg	46
Benzo(ghi)perylene	ND	760	ug/kg	18
Benzo(a)pyrene	ND	760	ug/kg	23
bis(2-Chloroethoxy) methane	ND	380	ug/kg	26
bis(2-Chloroethyl)-ether	ND	760	ug/kg	19
bis(2-Ethylhexyl) phthalate	ND	760	ug/kg	36
4-Bromophenyl phenyl ether	ND	760	ug/kg	22
Butyl benzyl phthalate	ND	760	ug/kg	49
4-Chloroaniline	ND	1500	ug/kg	24
4-Chloro-3-methylphenol	ND	1500	ug/kg	28
2-Chloronaphthalene	ND	380	ug/kg	12
2-Chlorophenol	ND	760	ug/kg	24
4-Chlorophenyl phenyl ether	ND	760	ug/kg	24
Chrysene	ND	760	ug/kg	31
Dibenz(a,h)anthracene	ND	760	ug/kg	22
Dibenzofuran	ND	760	ug/kg	23
Di-n-butyl phthalate	ND	760	ug/kg	33
3,3'-Dichlorobenzidine	ND	1500	ug/kg	58
2,4-Dichlorophenol	ND	760	ug/kg	12
Diethyl phthalate	ND	760	ug/kg	30
2,4-Dimethylphenol	ND	760	ug/kg	30
Dimethyl phthalate	ND	760	ug/kg	21
4,6-Dinitro-2-methylphenol	ND	3800	ug/kg	58
2,4-Dinitrophenol	ND	3800	ug/kg	58
2,4-Dinitrotoluene	ND	760	ug/kg	26
2,6-Dinitrotoluene	ND	760	ug/kg	32

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Bhate Environmental Associates

Client Sample ID: RW42-DP04-10

GC/MS Semivolatiles

Lot-Sample #...: D7F120221-024 **Work Order #...:** J0R3K1A3 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	760	ug/kg	17
Fluoranthene	ND	760	ug/kg	41
Fluorene	ND	760	ug/kg	21
Hexachlorobenzene	ND	760	ug/kg	33
Hexachlorocyclopenta-diene	ND	760	ug/kg	58
Hexachloroethane	ND	760	ug/kg	25
Indeno(1,2,3-cd)pyrene	ND	760	ug/kg	25
2-Methylnaphthalene	ND	760	ug/kg	22
2-Methylphenol	ND	760	ug/kg	15
Naphthalene	ND	760	ug/kg	36
2-Nitroaniline	ND	3800	ug/kg	58
3-Nitroaniline	ND	3800	ug/kg	58
4-Nitroaniline	ND	3800	ug/kg	83
Nitrobenzene	ND	760	ug/kg	25
2-Nitrophenol	ND	760	ug/kg	12
4-Nitrophenol	ND	3800	ug/kg	49
N-Nitrosodiphenylamine	ND	760	ug/kg	24
N-Nitrosodi-n-propyl-amine	ND	760	ug/kg	36
Pentachlorophenol	ND	3800	ug/kg	130
Phenanthrene	ND	760	ug/kg	20
Phenol	ND	760	ug/kg	21
Pyrene	ND	760	ug/kg	14
2,4,5-Trichloro-phenol	ND	760	ug/kg	12
2,4,6-Trichloro-phenol	ND	760	ug/kg	12
bis(2-Chloroisopropyl) ether	ND	760	ug/kg	36
4-Methylphenol	ND	760	ug/kg	12
Hexachlorobutadiene	ND	760	ug/kg	12
Caprolactam	ND	1800	ug/kg	120
Atrazine	ND	380	ug/kg	43
Carbazole	ND	380	ug/kg	41

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	65	(53 - 120)
Phenol-d5	66	(52 - 120)
Nitrobenzene-d5	58	(50 - 120)
2-Fluorobiphenyl	64	(50 - 120)
2,4,6-Tribromophenol	60	(51 - 120)
Terphenyl-d14	67	(55 - 120)

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Bhate Environmental Associates

Client Sample ID: RW42-DP04-10

GC/MS Semivolatiles

Lot-Sample #...: D7F120221-024 **Work Order #...:** J0R3K1A3 **Matrix.....:** SO

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: RW42-DP04-16

GC/MS Semivolatiles

Lot-Sample #...: D7F120221-025 **Work Order #...:** J0R3N1A3 **Matrix.....:** SO
Date Sampled...: 06/10/07 15:45 **Date Received..:** 06/12/07
Prep Date.....: 06/15/07 **Analysis Date..:** 06/22/07
Prep Batch #...: 7166011 **Analysis Time..:** 17:54
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	380	ug/kg	12
Acenaphthylene	ND	380	ug/kg	20
Acetophenone	ND	380	ug/kg	23
Anthracene	ND	380	ug/kg	20
Benzo(a)anthracene	ND	770	ug/kg	23
Benzo(b)fluoranthene	ND	770	ug/kg	30
Benzo(k)fluoranthene	ND	770	ug/kg	46
Benzo(ghi)perylene	ND	770	ug/kg	19
Benzo(a)pyrene	ND	770	ug/kg	23
bis(2-Chloroethoxy) methane	ND	380	ug/kg	27
bis(2-Chloroethyl)-ether	ND	770	ug/kg	19
bis(2-Ethylhexyl) phthalate	ND	770	ug/kg	36
4-Bromophenyl phenyl ether	ND	770	ug/kg	22
Butyl benzyl phthalate	ND	770	ug/kg	50
4-Chloroaniline	ND	1500	ug/kg	24
4-Chloro-3-methylphenol	ND	1500	ug/kg	28
2-Chloronaphthalene	ND	380	ug/kg	12
2-Chlorophenol	ND	770	ug/kg	24
4-Chlorophenyl phenyl ether	ND	770	ug/kg	24
Chrysene	ND	770	ug/kg	31
Dibenz(a,h)anthracene	ND	770	ug/kg	22
Dibenzofuran	ND	770	ug/kg	23
Di-n-butyl phthalate	ND	770	ug/kg	34
3,3'-Dichlorobenzidine	ND	1500	ug/kg	58
2,4-Dichlorophenol	ND	770	ug/kg	12
Diethyl phthalate	ND	770	ug/kg	30
2,4-Dimethylphenol	ND	770	ug/kg	30
Dimethyl phthalate	ND	770	ug/kg	21
4,6-Dinitro-2-methylphenol	ND	3800	ug/kg	58
2,4-Dinitrophenol	ND	3800	ug/kg	58
2,4-Dinitrotoluene	ND	770	ug/kg	27
2,6-Dinitrotoluene	ND	770	ug/kg	32

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Bhate Environmental Associates

Client Sample ID: RW42-DP04-16

GC/MS Semivolatiles

Lot-Sample #...: D7F120221-025 **Work Order #...:** J0R3N1A3 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	770	ug/kg	17
Fluoranthene	ND	770	ug/kg	42
Fluorene	ND	770	ug/kg	21
Hexachlorobenzene	ND	770	ug/kg	34
Hexachlorocyclopenta-diene	ND	770	ug/kg	58
Hexachloroethane	ND	770	ug/kg	25
Indeno(1,2,3-cd)pyrene	ND	770	ug/kg	26
2-Methylnaphthalene	ND	770	ug/kg	22
2-Methylphenol	ND	770	ug/kg	15
Naphthalene	ND	770	ug/kg	36
2-Nitroaniline	ND	3800	ug/kg	58
3-Nitroaniline	ND	3800	ug/kg	58
4-Nitroaniline	ND	3800	ug/kg	84
Nitrobenzene	ND	770	ug/kg	26
2-Nitrophenol	ND	770	ug/kg	12
4-Nitrophenol	ND	3800	ug/kg	50
N-Nitrosodiphenylamine	ND	770	ug/kg	24
N-Nitrosodi-n-propyl-amine	ND	770	ug/kg	36
Pentachlorophenol	ND	3800	ug/kg	130
Phenanthrene	ND	770	ug/kg	20
Phenol	ND	770	ug/kg	21
Pyrene	ND	770	ug/kg	14
2,4,5-Trichloro-phenol	ND	770	ug/kg	12
2,4,6-Trichloro-phenol	ND	770	ug/kg	12
bis(2-Chloroisopropyl) ether	ND	770	ug/kg	36
4-Methylphenol	ND	770	ug/kg	12
Hexachlorobutadiene	ND	770	ug/kg	12
Caprolactam	ND	1900	ug/kg	120
Atrazine	ND	380	ug/kg	43
Carbazole	ND	380	ug/kg	42

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	54	(53 - 120)
Phenol-d5	54	(52 - 120)
Nitrobenzene-d5	48 *	(50 - 120)
2-Fluorobiphenyl	54	(50 - 120)
2,4,6-Tribromophenol	48 *	(51 - 120)
Terphenyl-d14	54 *	(55 - 120)

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Bhate Environmental Associates

Client Sample ID: RW42-DP04-16

GC/MS Semivolatiles

Lot-Sample #...: D7F120221-025 **Work Order #...:** J0R3N1A3 **Matrix.....:** SO

NOTE(S):

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: RW42-DP04-16

GC/MS Semivolatiles

Lot-Sample #...: D7F120221-025 **Work Order #...:** J0R3N2A3 **Matrix.....:** SO
Date Sampled...: 06/10/07 15:45 **Date Received..:** 06/12/07
Prep Date.....: 06/25/07 **Analysis Date..:** 06/28/07
Prep Batch #...: 7176488 **Analysis Time..:** 11:16
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	380	ug/kg	12
Acenaphthylene	ND	380	ug/kg	20
Acetophenone	ND	380	ug/kg	23
Anthracene	ND	380	ug/kg	20
Benzo(a)anthracene	ND	770	ug/kg	23
Benzo(b)fluoranthene	ND	770	ug/kg	30
Benzo(k)fluoranthene	ND	770	ug/kg	46
Benzo(ghi)perylene	ND	770	ug/kg	19
Benzo(a)pyrene	ND	770	ug/kg	23
bis(2-Chloroethoxy) methane	ND	380	ug/kg	27
bis(2-Chloroethyl)-ether	ND	770	ug/kg	19
bis(2-Ethylhexyl) phthalate	**150 J,B**	**770**	**ug/kg**	**53**
4-Bromophenyl phenyl ether	ND	770	ug/kg	22
Butyl benzyl phthalate	ND	770	ug/kg	50
4-Chloroaniline	ND	1500	ug/kg	24
4-Chloro-3-methylphenol	ND	1500	ug/kg	28
2-Chloronaphthalene	ND	380	ug/kg	12
2-Chlorophenol	ND	770	ug/kg	24
4-Chlorophenyl phenyl ether	ND	770	ug/kg	24
Chrysene	ND	770	ug/kg	31
Dibenz(a,h)anthracene	ND	770	ug/kg	22
Dibenzofuran	ND	770	ug/kg	23
Di-n-butyl phthalate	ND	770	ug/kg	34
3,3'-Dichlorobenzidine	ND	1500	ug/kg	58
2,4-Dichlorophenol	ND	770	ug/kg	12
Diethyl phthalate	ND	770	ug/kg	30
2,4-Dimethylphenol	ND	770	ug/kg	30
Dimethyl phthalate	ND	770	ug/kg	27
4,6-Dinitro-2-methylphenol	ND	3800	ug/kg	58
2,4-Dinitrophenol	ND	3800	ug/kg	58
2,4-Dinitrotoluene	ND	770	ug/kg	27
2,6-Dinitrotoluene	ND	770	ug/kg	32

(Continued on next page)

Bhate Environmental Associates

Client Sample ID: RW42-DP04-16

GC/MS Semivolatiles

Lot-Sample #...: D7F120221-025 **Work Order #...:** J0R3N2A3 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	770	ug/kg	17
Fluoranthene	ND	770	ug/kg	42
Fluorene	ND	770	ug/kg	21
Hexachlorobenzene	ND	770	ug/kg	34
Hexachlorocyclopenta-diene	ND	770	ug/kg	58
Hexachloroethane	ND	770	ug/kg	25
Indeno(1,2,3-cd)pyrene	ND	770	ug/kg	26
2-Methylnaphthalene	ND	770	ug/kg	22
2-Methylphenol	ND	770	ug/kg	15
Naphthalene	ND	770	ug/kg	36
2-Nitroaniline	ND	3800	ug/kg	58
3-Nitroaniline	ND	3800	ug/kg	58
4-Nitroaniline	ND	3800	ug/kg	84
Nitrobenzene	ND	770	ug/kg	26
2-Nitrophenol	ND	770	ug/kg	12
4-Nitrophenol	ND	3800	ug/kg	50
N-Nitrosodiphenylamine	ND	770	ug/kg	24
N-Nitrosodi-n-propyl-amine	ND	770	ug/kg	36
Pentachlorophenol	ND	3800	ug/kg	130
Phenanthrene	ND	770	ug/kg	20
Phenol	ND	770	ug/kg	21
Pyrene	ND	770	ug/kg	14
2,4,5-Trichloro-phenol	ND	770	ug/kg	12
2,4,6-Trichloro-phenol	ND	770	ug/kg	12
bis(2-Chloroisopropyl) ether	ND	770	ug/kg	27
4-Methylphenol	ND	770	ug/kg	12
Hexachlorobutadiene	ND	770	ug/kg	12
Caprolactam	ND	1900	ug/kg	120
Atrazine	ND	380	ug/kg	43
Carbazole	ND	380	ug/kg	42

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	56	(53 - 120)
Phenol-d5	58	(52 - 120)
Nitrobenzene-d5	54	(50 - 120)
2-Fluorobiphenyl	58	(50 - 120)
2,4,6-Tribromophenol	66	(51 - 120)
Terphenyl-d14	70	(55 - 120)

(Continued on next page)

Bhate Environmental Associates

Client Sample ID: RW42-DP04-16

GC/MS Semivolatiles

Lot-Sample #...: D7F120221-025 **Work Order #...:** J0R3N2A3 **Matrix.....:** SO

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: RW42-DP04-24

GC/MS Semivolatiles

Lot-Sample #...: D7F120221-026 **Work Order #...:** J0R3R1A3 **Matrix.....:** SO
Date Sampled...: 06/10/07 16:00 **Date Received..:** 06/12/07
Prep Date.....: 06/15/07 **Analysis Date..:** 06/22/07
Prep Batch #...: 7166011 **Analysis Time..:** 18:14
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	370	ug/kg	12
Acenaphthylene	ND	370	ug/kg	19
Acetophenone	ND	370	ug/kg	22
Anthracene	ND	370	ug/kg	19
Benzo(a)anthracene	ND	740	ug/kg	22
Benzo(b)fluoranthene	ND	740	ug/kg	29
Benzo(k)fluoranthene	ND	740	ug/kg	45
Benzo(ghi)perylene	ND	740	ug/kg	18
Benzo(a)pyrene	ND	740	ug/kg	22
bis(2-Chloroethoxy) methane	ND	370	ug/kg	26
bis(2-Chloroethyl)-ether	ND	740	ug/kg	19
bis(2-Ethylhexyl) phthalate	**62 J**	**740**	**ug/kg**	**35**
4-Bromophenyl phenyl ether	ND	740	ug/kg	21
Butyl benzyl phthalate	ND	740	ug/kg	48
4-Chloroaniline	ND	1500	ug/kg	23
4-Chloro-3-methylphenol	ND	1500	ug/kg	27
2-Chloronaphthalene	ND	370	ug/kg	11
2-Chlorophenol	ND	740	ug/kg	24
4-Chlorophenyl phenyl ether	ND	740	ug/kg	24
Chrysene	ND	740	ug/kg	30
Dibenz(a,h)anthracene	ND	740	ug/kg	21
Dibenzofuran	ND	740	ug/kg	22
Di-n-butyl phthalate	ND	740	ug/kg	33
3,3'-Dichlorobenzidine	ND	1500	ug/kg	56
2,4-Dichlorophenol	ND	740	ug/kg	11
Diethyl phthalate	ND	740	ug/kg	29
2,4-Dimethylphenol	ND	740	ug/kg	29
Dimethyl phthalate	ND	740	ug/kg	20
4,6-Dinitro-2-methylphenol	ND	3700	ug/kg	56
2,4-Dinitrophenol	ND	3700	ug/kg	56
2,4-Dinitrotoluene	ND	740	ug/kg	26
2,6-Dinitrotoluene	ND	740	ug/kg	31

(Continued on next page)

Bhate Environmental Associates

Client Sample ID: RW42-DP04-24

GC/MS Semivolatiles

Lot-Sample #...: D7F120221-026 **Work Order #...:** J0R3R1A3 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	740	ug/kg	16
Fluoranthene	ND	740	ug/kg	40
Fluorene	ND	740	ug/kg	20
Hexachlorobenzene	ND	740	ug/kg	33
Hexachlorocyclopenta-diene	ND	740	ug/kg	56
Hexachloroethane	ND	740	ug/kg	24
Indeno(1,2,3-cd)pyrene	ND	740	ug/kg	25
2-Methylnaphthalene	ND	740	ug/kg	21
2-Methylphenol	ND	740	ug/kg	15
Naphthalene	ND	740	ug/kg	35
2-Nitroaniline	ND	3700	ug/kg	56
3-Nitroaniline	ND	3700	ug/kg	56
4-Nitroaniline	ND	3700	ug/kg	81
Nitrobenzene	ND	740	ug/kg	25
2-Nitrophenol	ND	740	ug/kg	11
4-Nitrophenol	ND	3700	ug/kg	48
N-Nitrosodiphenylamine	ND	740	ug/kg	24
N-Nitrosodi-n-propyl-amine	ND	740	ug/kg	35
Pentachlorophenol	ND	3700	ug/kg	120
Phenanthrene	ND	740	ug/kg	19
Phenol	ND	740	ug/kg	20
Pyrene	ND	740	ug/kg	14
2,4,5-Trichloro-phenol	ND	740	ug/kg	11
2,4,6-Trichloro-phenol	ND	740	ug/kg	11
bis(2-Chloroisopropyl) ether	ND	740	ug/kg	35
4-Methylphenol	ND	740	ug/kg	11
Hexachlorobutadiene	ND	740	ug/kg	11
Caprolactam	ND	1800	ug/kg	120
Atrazine	ND	370	ug/kg	42
Carbazole	ND	370	ug/kg	40

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	73	(53 - 120)
Phenol-d5	72	(52 - 120)
Nitrobenzene-d5	66	(50 - 120)
2-Fluorobiphenyl	71	(50 - 120)
2,4,6-Tribromophenol	63	(51 - 120)
Terphenyl-d14	69	(55 - 120)

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Bhate Environmental Associates

Client Sample ID: RW42-DP04-24

GC/MS Semivolatiles

Lot-Sample #...: D7F120221-026 **Work Order #...:** J0R3R1A3 **Matrix.....:** SO

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: RW42-DP04-24A

GC/MS Semivolatiles

Lot-Sample #...: D7F120221-027 **Work Order #...:** J0R3T1A3 **Matrix.....:** SO
Date Sampled...: 06/10/07 16:00 **Date Received..:** 06/12/07
Prep Date.....: 06/15/07 **Analysis Date..:** 06/22/07
Prep Batch #...: 7166011 **Analysis Time..:** 18:33
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	380	ug/kg	12
Acenaphthylene	ND	380	ug/kg	19
Acetophenone	ND	380	ug/kg	23
Anthracene	ND	380	ug/kg	19
Benzo(a)anthracene	ND	760	ug/kg	23
Benzo(b)fluoranthene	ND	760	ug/kg	30
Benzo(k)fluoranthene	ND	760	ug/kg	46
Benzo(ghi)perylene	ND	760	ug/kg	18
Benzo(a)pyrene	ND	760	ug/kg	23
bis(2-Chloroethoxy) methane	ND	380	ug/kg	26
bis(2-Chloroethyl)-ether	ND	760	ug/kg	19
bis(2-Ethylhexyl) phthalate	ND	760	ug/kg	35
4-Bromophenyl phenyl ether	ND	760	ug/kg	22
Butyl benzyl phthalate	ND	760	ug/kg	49
4-Chloroaniline	ND	1500	ug/kg	24
4-Chloro-3-methylphenol	ND	1500	ug/kg	27
2-Chloronaphthalene	ND	380	ug/kg	11
2-Chlorophenol	ND	760	ug/kg	24
4-Chlorophenyl phenyl ether	ND	760	ug/kg	24
Chrysene	ND	760	ug/kg	31
Dibenz(a,h)anthracene	ND	760	ug/kg	22
Dibenzofuran	ND	760	ug/kg	23
Di-n-butyl phthalate	ND	760	ug/kg	33
3,3'-Dichlorobenzidine	ND	1500	ug/kg	57
2,4-Dichlorophenol	ND	760	ug/kg	11
Diethyl phthalate	ND	760	ug/kg	30
2,4-Dimethylphenol	ND	760	ug/kg	30
Dimethyl phthalate	ND	760	ug/kg	21
4,6-Dinitro-2-methylphenol	ND	3800	ug/kg	57
2,4-Dinitrophenol	ND	3800	ug/kg	57
2,4-Dinitrotoluene	ND	760	ug/kg	26
2,6-Dinitrotoluene	ND	760	ug/kg	32

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Bhate Environmental Associates

Client Sample ID: RW42-DP04-24A

GC/MS Semivolatiles

Lot-Sample #...: D7F120221-027 **Work Order #...:** J0R3T1A3 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	760	ug/kg	16
Fluoranthene	ND	760	ug/kg	41
Fluorene	ND	760	ug/kg	21
Hexachlorobenzene	ND	760	ug/kg	33
Hexachlorocyclopenta-diene	ND	760	ug/kg	57
Hexachloroethane	ND	760	ug/kg	24
Indeno(1,2,3-cd)pyrene	ND	760	ug/kg	25
2-Methylnaphthalene	ND	760	ug/kg	22
2-Methylphenol	ND	760	ug/kg	15
Naphthalene	ND	760	ug/kg	35
2-Nitroaniline	ND	3800	ug/kg	57
3-Nitroaniline	ND	3800	ug/kg	57
4-Nitroaniline	ND	3800	ug/kg	83
Nitrobenzene	ND	760	ug/kg	25
2-Nitrophenol	ND	760	ug/kg	11
4-Nitrophenol	ND	3800	ug/kg	49
N-Nitrosodiphenylamine	ND	760	ug/kg	24
N-Nitrosodi-n-propyl-amine	ND	760	ug/kg	35
Pentachlorophenol	ND	3800	ug/kg	130
Phenanthrene	ND	760	ug/kg	19
Phenol	ND	760	ug/kg	21
Pyrene	ND	760	ug/kg	14
2,4,5-Trichloro-phenol	ND	760	ug/kg	11
2,4,6-Trichloro-phenol	ND	760	ug/kg	11
bis(2-Chloroisopropyl) ether	ND	760	ug/kg	35
4-Methylphenol	ND	760	ug/kg	11
Hexachlorobutadiene	ND	760	ug/kg	11
Caprolactam	ND	1800	ug/kg	120
Atrazine	ND	380	ug/kg	42
Carbazole	ND	380	ug/kg	41

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	66	(53 - 120)
Phenol-d5	67	(52 - 120)
Nitrobenzene-d5	60	(50 - 120)
2-Fluorobiphenyl	65	(50 - 120)
2,4,6-Tribromophenol	57	(51 - 120)
Terphenyl-d14	60	(55 - 120)

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Bhate Environmental Associates

Client Sample ID: RW42-DP04-24A

GC/MS Semivolatiles

Lot-Sample #...: D7F120221-027 **Work Order #...:** J0R3T1A3 **Matrix.....:** SO

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: OT38-DP03-10

GC/MS Semivolatiles

Lot-Sample #...: D7F120221-031 **Work Order #...:** J0R331AP **Matrix.....:** SO
Date Sampled...: 06/11/07 08:15 **Date Received..:** 06/12/07
Prep Date.....: 06/15/07 **Analysis Date..:** 06/22/07
Prep Batch #...: 7166011 **Analysis Time..:** 18:52
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	410	ug/kg	13
Acenaphthylene	ND	410	ug/kg	21
Acetophenone	ND	410	ug/kg	25
Anthracene	ND	410	ug/kg	21
Benzo(a)anthracene	ND	820	ug/kg	25
Benzo(b)fluoranthene	ND	820	ug/kg	32
Benzo(k)fluoranthene	ND	820	ug/kg	50
Benzo(ghi)perylene	ND	820	ug/kg	20
Benzo(a)pyrene	ND	820	ug/kg	25
bis(2-Chloroethoxy) methane	ND	410	ug/kg	28
bis(2-Chloroethyl)-ether	ND	820	ug/kg	21
bis(2-Ethylhexyl) phthalate	ND	820	ug/kg	38
4-Bromophenyl phenyl ether	ND	820	ug/kg	24
Butyl benzyl phthalate	ND	820	ug/kg	53
4-Chloroaniline	ND	1600	ug/kg	26
4-Chloro-3-methylphenol	ND	1600	ug/kg	30
2-Chloronaphthalene	ND	410	ug/kg	12
2-Chlorophenol	ND	820	ug/kg	26
4-Chlorophenyl phenyl ether	ND	820	ug/kg	26
Chrysene	ND	820	ug/kg	33
Dibenz(a,h)anthracene	ND	820	ug/kg	24
Dibenzofuran	ND	820	ug/kg	25
Di-n-butyl phthalate	ND	820	ug/kg	36
3,3'-Dichlorobenzidine	ND	1600	ug/kg	62
2,4-Dichlorophenol	ND	820	ug/kg	12
Diethyl phthalate	ND	820	ug/kg	32
2,4-Dimethylphenol	ND	820	ug/kg	32
Dimethyl phthalate	ND	820	ug/kg	22
4,6-Dinitro-2-methylphenol	ND	4100	ug/kg	62
2,4-Dinitrophenol	ND	4100	ug/kg	62
2,4-Dinitrotoluene	ND	820	ug/kg	28
2,6-Dinitrotoluene	ND	820	ug/kg	35

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Bhate Environmental Associates

Client Sample ID: OT38-DP03-10

GC/MS Semivolatiles

Lot-Sample #...: D7F120221-031 **Work Order #...:** J0R331AP **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	820	ug/kg	18
Fluoranthene	ND	820	ug/kg	45
Fluorene	ND	820	ug/kg	22
Hexachlorobenzene	ND	820	ug/kg	36
Hexachlorocyclopenta-diene	ND	820	ug/kg	62
Hexachloroethane	ND	820	ug/kg	26
Indeno(1,2,3-cd)pyrene	ND	820	ug/kg	27
2-Methylnaphthalene	ND	820	ug/kg	24
2-Methylphenol	ND	820	ug/kg	16
Naphthalene	ND	820	ug/kg	38
2-Nitroaniline	ND	4100	ug/kg	62
3-Nitroaniline	ND	4100	ug/kg	62
4-Nitroaniline	ND	4100	ug/kg	90
Nitrobenzene	ND	820	ug/kg	27
2-Nitrophenol	ND	820	ug/kg	12
4-Nitrophenol	ND	4100	ug/kg	53
N-Nitrosodiphenylamine	ND	820	ug/kg	26
N-Nitrosodi-n-propyl-amine	ND	820	ug/kg	38
Pentachlorophenol	ND	4100	ug/kg	140
Phenanthrene	ND	820	ug/kg	21
Phenol	ND	820	ug/kg	22
Pyrene	ND	820	ug/kg	15
2,4,5-Trichloro-phenol	ND	820	ug/kg	12
2,4,6-Trichloro-phenol	ND	820	ug/kg	12
bis(2-Chloroisopropyl) ether	ND	820	ug/kg	38
4-Methylphenol	ND	820	ug/kg	12
Hexachlorobutadiene	ND	820	ug/kg	12
Caprolactam	ND	2000	ug/kg	130
Atrazine	ND	410	ug/kg	46
Carbazole	ND	410	ug/kg	45

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	82	(53 - 120)
Phenol-d5	80	(52 - 120)
Nitrobenzene-d5	74	(50 - 120)
2-Fluorobiphenyl	81	(50 - 120)
2,4,6-Tribromophenol	76	(51 - 120)
Terphenyl-d14	80	(55 - 120)

(Continued on next page)

Bhate Environmental Associates

Client Sample ID: OT38-DP03-10

GC/MS Semivolatiles

Lot-Sample #...: D7F120221-031 **Work Order #...:** J0R331AP **Matrix.....:** SO

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: RW42-DP01-10

GC Volatiles

Lot-Sample #...: D7F120221-014 **Work Order #...:** J0R2K1A6 **Matrix.....:** SO
Date Sampled...: 06/10/07 13:00 **Date Received..:** 06/12/07
Prep Date.....: 06/13/07 **Analysis Date..:** 06/15/07
Prep Batch #...: 7172257 **Analysis Time..:** 03:24
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Gasoline Range Organics	**0.74 J,B**	**1.4**	**mg/kg**	**0.37**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	93	(77 - 123)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: RW42-DP01-16

GC Volatiles

Lot-Sample #...: D7F120221-015 **Work Order #...:** J0R2T1AH **Matrix.....:** SO
Date Sampled...: 06/10/07 13:10 **Date Received..:** 06/12/07
Prep Date.....: 06/13/07 **Analysis Date..:** 06/15/07
Prep Batch #...: 7172257 **Analysis Time..:** 04:05
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Gasoline Range Organics	**0.37 J,B**	**1.3**	**mg/kg**	**0.36**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	95	(77 - 123)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: RW42-DP01-24

GC Volatiles

Lot-Sample #...: D7F120221-016 **Work Order #...:** J0R2W1AH **Matrix.....:** SO
Date Sampled...: 06/10/07 13:20 **Date Received..:** 06/12/07
Prep Date.....: 06/14/07 **Analysis Date..:** 06/18/07
Prep Batch #...: 7172467 **Analysis Time..:** 13:32
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Gasoline Range Organics	ND	1.4	mg/kg	0.38

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	94	(77 - 123)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Bhate Environmental Associates

Client Sample ID: RW42-DP01-24A

GC Volatiles

Lot-Sample #...: D7F120221-017 **Work Order #...:** J0R201AH **Matrix.....:** SO
Date Sampled...: 06/10/07 13:20 **Date Received..:** 06/12/07
Prep Date.....: 06/14/07 **Analysis Date..:** 06/18/07
Prep Batch #...: 7172467 **Analysis Time..:** 14:14
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Gasoline Range Organics	ND	1.4	mg/kg	0.38

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	99	(77 - 123)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Bhate Environmental Associates

Client Sample ID: RW42-DP02-10

GC Volatiles

Lot-Sample #...: D7F120221-018 **Work Order #...:** J0R211AU **Matrix.....:** SO
Date Sampled...: 06/10/07 13:45 **Date Received..:** 06/12/07
Prep Date.....: 06/14/07 **Analysis Date..:** 06/18/07
Prep Batch #...: 7172467 **Analysis Time..:** 14:56
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Gasoline Range Organics	ND	1.3	mg/kg	0.35

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	97	(77 - 123)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Bhate Environmental Associates

Client Sample ID: RW42-DP02-16

GC Volatiles

Lot-Sample #...: D7F120221-019 **Work Order #...:** J0R241AU **Matrix.....:** SO
Date Sampled...: 06/10/07 14:00 **Date Received..:** 06/12/07
Prep Date.....: 06/14/07 **Analysis Date..:** 06/18/07
Prep Batch #...: 7172467 **Analysis Time..:** 15:38
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Gasoline Range Organics	ND	1.4	mg/kg	0.37

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	98	(77 - 123)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Bhate Environmental Associates

Client Sample ID: RW42-DP02-24

GC Volatiles

Lot-Sample #...: D7F120221-020 **Work Order #...:** J0R251AU **Matrix.....:** SO
Date Sampled...: 06/10/07 14:15 **Date Received..:** 06/12/07
Prep Date.....: 06/14/07 **Analysis Date..:** 06/18/07
Prep Batch #...: 7172467 **Analysis Time..:** 16:21
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Gasoline Range Organics	ND	1.4	mg/kg	0.38

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	93	(77 - 123)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Bhate Environmental Associates

Client Sample ID: RW42-DP03-10

GC Volatiles

Lot-Sample #...: D7F120221-021 **Work Order #...:** J0R261AU **Matrix.....:** SO
Date Sampled...: 06/10/07 14:45 **Date Received..:** 06/12/07
Prep Date.....: 06/14/07 **Analysis Date..:** 06/18/07
Prep Batch #...: 7172467 **Analysis Time..:** 18:27
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Gasoline Range Organics	ND	1.4	mg/kg	0.37

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	94	(77 - 123)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Bhate Environmental Associates

Client Sample ID: RW42-DP03-16

GC Volatiles

Lot-Sample #...: D7F120221-022 **Work Order #...:** J0R3G1AU **Matrix.....:** SO
Date Sampled...: 06/10/07 15:00 **Date Received..:** 06/12/07
Prep Date.....: 06/14/07 **Analysis Date..:** 06/18/07
Prep Batch #...: 7172467 **Analysis Time..:** 19:08
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Gasoline Range Organics	ND	1.4	mg/kg	0.37

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	96	(77 - 123)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Bhate Environmental Associates

Client Sample ID: RW42-DP03-24

GC Volatiles

Lot-Sample #...: D7F120221-023 **Work Order #...:** J0R3H1AU **Matrix.....:** SO
Date Sampled...: 06/10/07 15:15 **Date Received..:** 06/12/07
Prep Date.....: 06/14/07 **Analysis Date..:** 06/18/07
Prep Batch #...: 7172467 **Analysis Time..:** 20:31
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Gasoline Range Organics	ND	1.8	mg/kg	0.50

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	94	(77 - 123)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Bhate Environmental Associates

Client Sample ID: RW42-DP04-10

GC Volatiles

Lot-Sample #...: D7F120221-024 **Work Order #...:** J0R3K1AU **Matrix.....:** SO
Date Sampled...: 06/10/07 15:30 **Date Received..:** 06/12/07
Prep Date.....: 06/14/07 **Analysis Date..:** 06/18/07
Prep Batch #...: 7172467 **Analysis Time..:** 21:12
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Gasoline Range Organics	ND	1.4	mg/kg	0.37

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	96	(77 - 123)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Bhate Environmental Associates

Client Sample ID: RW42-DP04-16

GC Volatiles

Lot-Sample #...: D7F120221-025 **Work Order #...:** J0R3N1AU **Matrix.....:** SO
Date Sampled...: 06/10/07 15:45 **Date Received..:** 06/12/07
Prep Date.....: 06/14/07 **Analysis Date..:** 06/18/07
Prep Batch #...: 7172467 **Analysis Time..:** 21:53
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Gasoline Range Organics	ND	1.4	mg/kg	0.38

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	96	(77 - 123)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Bhate Environmental Associates

Client Sample ID: RW42-DP04-24

GC Volatiles

Lot-Sample #...: D7F120221-026 **Work Order #...:** J0R3R1AU **Matrix.....:** SO
Date Sampled...: 06/10/07 16:00 **Date Received..:** 06/12/07
Prep Date.....: 06/14/07 **Analysis Date..:** 06/18/07
Prep Batch #...: 7172467 **Analysis Time..:** 22:34
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Gasoline Range Organics	ND	1.3	mg/kg	0.36

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	81	(77 - 123)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Bhate Environmental Associates

Client Sample ID: RW42-DP04-24A

GC Volatiles

Lot-Sample #...: D7F120221-027 **Work Order #...:** J0R3T1AU **Matrix.....:** SO
Date Sampled...: 06/10/07 16:00 **Date Received..:** 06/12/07
Prep Date.....: 06/14/07 **Analysis Date..:** 06/18/07
Prep Batch #...: 7172467 **Analysis Time..:** 23:15
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Gasoline Range Organics	ND	1.4	mg/kg	0.37

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	95	(77 - 123)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Bhate Environmental Associates

Client Sample ID: OT38-DP03-10

GC Volatiles

Lot-Sample #...: D7F120221-031 **Work Order #...:** J0R331AQ **Matrix.....:** SO
Date Sampled...: 06/11/07 08:15 **Date Received..:** 06/12/07
Prep Date.....: 06/14/07 **Analysis Date..:** 06/18/07
Prep Batch #...: 7172467 **Analysis Time..:** 23:56
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Gasoline Range Organics	ND	1.5	mg/kg	0.40

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	73 *	(77 - 123)

NOTE(S):

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

Bhate Environmental Associates

Client Sample ID: OT37-DP09-2

GC Volatiles

Lot-Sample #...: D7F120221-032 **Work Order #...:** J0R4F1AD **Matrix.....:** SO
Date Sampled...: 06/11/07 08:45 **Date Received..:** 06/12/07
Prep Date.....: 06/14/07 **Analysis Date..:** 06/19/07
Prep Batch #...: 7172467 **Analysis Time..:** 00:37
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Gasoline Range Organics	ND	1.4	mg/kg	0.39

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	90	(77 - 123)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Bhate Environmental Associates

Client Sample ID: OT37-DP09-10

GC Volatiles

Lot-Sample #...: D7F120221-033 **Work Order #...:** J0R4M1AD **Matrix.....:** SO
Date Sampled...: 06/11/07 08:50 **Date Received..:** 06/12/07
Prep Date.....: 06/14/07 **Analysis Date..:** 06/19/07
Prep Batch #...: 7172467 **Analysis Time..:** 01:18
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Gasoline Range Organics	ND	1.4	mg/kg	0.39

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	75 *	(77 - 123)

NOTE(S):

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

Bhate Environmental Associates

Client Sample ID: OT37-DP10-2

GC Volatiles

Lot-Sample #...: D7F120221-034 **Work Order #...:** J0R4P1AD **Matrix.....:** SO
Date Sampled...: 06/11/07 09:00 **Date Received..:** 06/12/07
Prep Date.....: 06/14/07 **Analysis Date..:** 06/19/07
Prep Batch #...: 7172467 **Analysis Time..:** 01:59
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Gasoline Range Organics	ND	1.5	mg/kg	0.41

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	94	(77 - 123)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Bhate Environmental Associates

Client Sample ID: OT37-DP10-10

GC Volatiles

Lot-Sample #...: D7F120221-035 **Work Order #...:** J0R4T1AD **Matrix.....:** SO
Date Sampled...: 06/11/07 09:05 **Date Received..:** 06/12/07
Prep Date.....: 06/14/07 **Analysis Date..:** 06/19/07
Prep Batch #...: 7172467 **Analysis Time..:** 02:40
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Gasoline Range Organics	ND	1.4	mg/kg	0.38

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	85	(77 - 123)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Bhate Environmental Associates

Client Sample ID: RW42-DP01-10

GC Semivolatiles

Lot-Sample #...: D7F120221-014 **Work Order #...:** J0R2K1A7 **Matrix.....:** SO
Date Sampled...: 06/10/07 13:00 **Date Received..:** 06/12/07
Prep Date.....: 06/14/07 **Analysis Date..:** 06/20/07
Prep Batch #...: 7165573 **Analysis Time..:** 22:44
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Diesel Range Organics (C10-C22)	**1.9 J,B**	**4.6**	**mg/kg**	**1.1**
Motor Oil Range Organics (C22-C36)	ND	4.6	mg/kg	1.1

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	63	(45 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: RW42-DP01-16

GC Semivolatiles

Lot-Sample #...: D7F120221-015 **Work Order #...:** J0R2T1AJ **Matrix.....:** SO
Date Sampled...: 06/10/07 13:10 **Date Received..:** 06/12/07
Prep Date.....: 06/14/07 **Analysis Date..:** 06/20/07
Prep Batch #...: 7165573 **Analysis Time..:** 23:22
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Diesel Range Organics (C10-C22)	**1.8 J,B**	**4.4**	**mg/kg**	**1.1**
Motor Oil Range Organics (C22-C36)	ND	4.4	mg/kg	1.1

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	61	(45 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: RW42-DP01-24

GC Semivolatiles

Lot-Sample #...: D7F120221-016 **Work Order #...:** J0R2W1AJ **Matrix.....:** SO
Date Sampled...: 06/10/07 13:20 **Date Received..:** 06/12/07
Prep Date.....: 06/14/07 **Analysis Date..:** 06/20/07
Prep Batch #...: 7165573 **Analysis Time..:** 23:59
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Diesel Range Organics (C10-C22)	**2.1 J,B**	**4.7**	**mg/kg**	**1.2**
Motor Oil Range Organics (C22-C36)	ND	4.7	mg/kg	1.2

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	50	(45 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: RW42-DP01-24A

GC Semivolatiles

Lot-Sample #...: D7F120221-017 **Work Order #...:** J0R201AJ **Matrix.....:** SO
Date Sampled...: 06/10/07 13:20 **Date Received..:** 06/12/07
Prep Date.....: 06/14/07 **Analysis Date..:** 06/21/07
Prep Batch #...: 7165573 **Analysis Time..:** 00:37
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Diesel Range Organics (C10-C22)	**2.3 J,B**	**4.6**	**mg/kg**	**1.2**
Motor Oil Range Organics (C22-C36)	ND	4.6	mg/kg	1.2

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	56	(45 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: RW42-DP02-10

GC Semivolatiles

Lot-Sample #...: D7F120221-018 **Work Order #...:** J0R211AV **Matrix.....:** SO
Date Sampled...: 06/10/07 13:45 **Date Received..:** 06/12/07
Prep Date.....: 06/14/07 **Analysis Date..:** 06/21/07
Prep Batch #...: 7165573 **Analysis Time..:** 01:14
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Diesel Range Organics (C10-C22)	**2.1 J,B**	**4.3**	**mg/kg**	**1.1**
Motor Oil Range Organics (C22-C36)	ND	4.3	mg/kg	1.1

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	62	(45 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: RW42-DP02-16

GC Semivolatiles

Lot-Sample #...: D7F120221-019 **Work Order #...:** J0R241AV **Matrix.....:** SO
Date Sampled...: 06/10/07 14:00 **Date Received..:** 06/12/07
Prep Date.....: 06/14/07 **Analysis Date..:** 06/21/07
Prep Batch #...: 7165573 **Analysis Time..:** 01:52
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Diesel Range Organics (C10-C22)	**1.8 J,B**	**4.5**	**mg/kg**	**1.1**
Motor Oil Range Organics (C22-C36)	ND	4.5	mg/kg	1.1

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	56	(45 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: RW42-DP02-24

GC Semivolatiles

Lot-Sample #...: D7F120221-020 **Work Order #...:** J0R251AV **Matrix.....:** SO
Date Sampled...: 06/10/07 14:15 **Date Received..:** 06/12/07
Prep Date.....: 06/14/07 **Analysis Date..:** 06/21/07
Prep Batch #...: 7165573 **Analysis Time..:** 02:29
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Diesel Range Organics (C10-C22)	**2.1 J,B**	**4.6**	**mg/kg**	**1.2**
Motor Oil Range Organics (C22-C36)	ND	4.6	mg/kg	1.2

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	66	(45 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: RW42-DP03-10

GC Semivolatiles

Lot-Sample #...: D7F120221-021 **Work Order #...:** J0R261AV **Matrix.....:** SO
Date Sampled...: 06/10/07 14:45 **Date Received..:** 06/12/07
Prep Date.....: 06/14/07 **Analysis Date..:** 06/21/07
Prep Batch #...: 7165573 **Analysis Time..:** 05:36
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Diesel Range Organics (C10-C22)	**2.1 J,B**	**4.6**	**mg/kg**	**1.1**
Motor Oil Range Organics (C22-C36)	ND	4.6	mg/kg	1.1

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	68	(45 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: RW42-DP03-16

GC Semivolatiles

Lot-Sample #...: D7F120221-022 **Work Order #...:** J0R3G1AV **Matrix.....:** SO
Date Sampled...: 06/10/07 15:00 **Date Received..:** 06/12/07
Prep Date.....: 06/14/07 **Analysis Date..:** 06/21/07
Prep Batch #...: 7165573 **Analysis Time..:** 06:13
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Diesel Range Organics (C10-C22)	**1.9 J,B**	**4.6**	**mg/kg**	**1.1**
Motor Oil Range Organics (C22-C36)	ND	4.6	mg/kg	1.1

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	48	(45 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: RW42-DP03-24

GC Semivolatiles

Lot-Sample #...: D7F120221-023 **Work Order #...:** J0R3H1AV **Matrix.....:** SO
Date Sampled...: 06/10/07 15:15 **Date Received..:** 06/12/07
Prep Date.....: 06/14/07 **Analysis Date..:** 06/21/07
Prep Batch #...: 7165573 **Analysis Time..:** 06:51
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Diesel Range Organics (C10-C22)	**2.8 J,B**	**6.2**	**mg/kg**	**1.5**
Motor Oil Range Organics (C22-C36)	ND	6.2	mg/kg	1.5

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	63	(45 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: RW42-DP04-10

GC Semivolatiles

Lot-Sample #...: D7F120221-024 **Work Order #...:** J0R3K1AV **Matrix.....:** SO
Date Sampled...: 06/10/07 15:30 **Date Received..:** 06/12/07
Prep Date.....: 06/14/07 **Analysis Date..:** 06/21/07
Prep Batch #...: 7165573 **Analysis Time..:** 07:29
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Motor Oil Range Organics (C22-C36)	ND	4.6	mg/kg	1.1
Diesel Range Organics (C10-C22)	**2.1 J,B**	**4.6**	**mg/kg**	**1.1**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	63	(45 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: RW42-DP04-16

GC Semivolatiles

Lot-Sample #...: D7F120221-025 **Work Order #...:** J0R3N1AV **Matrix.....:** SO
Date Sampled...: 06/10/07 15:45 **Date Received..:** 06/12/07
Prep Date.....: 06/14/07 **Analysis Date..:** 06/21/07
Prep Batch #...: 7165573 **Analysis Time..:** 08:07
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Diesel Range Organics (C10-C22)	**2.0 J,B**	**4.6**	**mg/kg**	**1.2**
Motor Oil Range Organics (C22-C36)	ND	4.6	mg/kg	1.2

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	49	(45 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: RW42-DP04-24

GC Semivolatiles

Lot-Sample #...: D7F120221-026 **Work Order #...:** J0R3R1AV **Matrix.....:** SO
Date Sampled...: 06/10/07 16:00 **Date Received..:** 06/12/07
Prep Date.....: 06/14/07 **Analysis Date..:** 06/21/07
Prep Batch #...: 7165573 **Analysis Time..:** 08:44
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Motor Oil Range Organics (C22-C36)	ND	4.5	mg/kg	1.1
Diesel Range Organics (C10-C22)	**2.1 J,B**	**4.5**	**mg/kg**	**1.1**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	69	(45 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: RW42-DP04-24A

GC Semivolatiles

Lot-Sample #...: D7F120221-027 **Work Order #...:** J0R3T1AV **Matrix.....:** SO
Date Sampled...: 06/10/07 16:00 **Date Received..:** 06/12/07
Prep Date.....: 06/14/07 **Analysis Date..:** 06/21/07
Prep Batch #...: 7165573 **Analysis Time..:** 12:32
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Diesel Range Organics (C10-C22)	**2.0 J,B**	**4.6**	**mg/kg**	**1.1**
Motor Oil Range Organics (C22-C36)	ND	4.6	mg/kg	1.1

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	63	(45 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: OT38-DP03-10

GC Semivolatiles

Lot-Sample #...: D7F120221-031 **Work Order #...:** J0R331AR **Matrix.....:** SO
Date Sampled...: 06/11/07 08:15 **Date Received..:** 06/12/07
Prep Date.....: 06/14/07 **Analysis Date..:** 06/21/07
Prep Batch #...: 7165573 **Analysis Time..:** 13:10
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Diesel Range Organics (C10-C22)	**2.2 J,B**	**5.0**	**mg/kg**	**1.2**
Motor Oil Range Organics (C22-C36)	ND	5.0	mg/kg	1.2

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	55	(45 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: OT37-DP09-2

GC Semivolatiles

Lot-Sample #...: D7F120221-032 **Work Order #...:** J0R4F1AE **Matrix.....:** SO
Date Sampled...: 06/11/07 08:45 **Date Received..:** 06/12/07
Prep Date.....: 06/14/07 **Analysis Date..:** 06/21/07
Prep Batch #...: 7165573 **Analysis Time..:** 13:47
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Diesel Range Organics (C10-C22)	**10 B**	**4.8**	**mg/kg**	**1.2**
Motor Oil Range Organics (C22-C36)	**210**	**4.8**	**mg/kg**	**1.2**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	76	(45 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: OT37-DP09-10

GC Semivolatiles

Lot-Sample #...: D7F120221-033 **Work Order #...:** J0R4M1AE **Matrix.....:** SO
Date Sampled...: 06/11/07 08:50 **Date Received..:** 06/12/07
Prep Date.....: 06/14/07 **Analysis Date..:** 06/21/07
Prep Batch #...: 7165573 **Analysis Time..:** 14:25
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Diesel Range Organics (C10-C22)	**2.2 J,B**	**4.8**	**mg/kg**	**1.2**
Motor Oil Range Organics (C22-C36)	ND	4.8	mg/kg	1.2

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	56	(45 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: OT37-DP10-2

GC Semivolatiles

Lot-Sample #...: D7F120221-034 **Work Order #...:** J0R4P1AE **Matrix.....:** SO
Date Sampled...: 06/11/07 09:00 **Date Received..:** 06/12/07
Prep Date.....: 06/14/07 **Analysis Date..:** 06/21/07
Prep Batch #...: 7165573 **Analysis Time..:** 15:03
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Diesel Range Organics (C10-C22)	**2.3 J,B**	**5.0**	**mg/kg**	**1.2**
Motor Oil Range Organics (C22-C36)	ND	5.0	mg/kg	1.2

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	66	(45 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: OT37-DP10-10

GC Semivolatiles

Lot-Sample #...: D7F120221-035 **Work Order #...:** J0R4T1AE **Matrix.....:** SO
Date Sampled...: 06/11/07 09:05 **Date Received..:** 06/12/07
Prep Date.....: 06/14/07 **Analysis Date..:** 06/21/07
Prep Batch #...: 7165573 **Analysis Time..:** 15:41
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Diesel Range Organics (C10-C22)	**2.0 J,B**	**4.6**	**mg/kg**	**1.2**
Motor Oil Range Organics (C22-C36)	ND	4.6	mg/kg	1.2

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	68	(45 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: OT20-MW03

GC Semivolatiles

Lot-Sample #...: D7F120221-005 **Work Order #...:** J0R021AD **Matrix.....:** WG
Date Sampled...: 06/10/07 10:23 **Date Received..:** 06/12/07
Prep Date.....: 06/12/07 **Analysis Date..:** 06/26/07
Prep Batch #...: 7163433 **Analysis Time..:** 18:47
Dilution Factor: 1

Method.....: SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aldrin	ND	0.040	ug/L	0.0059
alpha-BHC	ND	0.030	ug/L	0.0053
beta-BHC	ND	0.060	ug/L	0.0087
delta-BHC	ND	0.090	ug/L	0.0058
gamma-BHC (Lindane)	ND	0.040	ug/L	0.0069
alpha-Chlordane	ND	0.050	ug/L	0.0053
gamma-Chlordane	ND	0.050	ug/L	0.0091
4,4'-DDD	ND	0.11	ug/L	0.0077
4,4'-DDE	ND	0.040	ug/L	0.0075
4,4'-DDT	ND	0.12	ug/L	0.015
Dieldrin	ND	0.020	ug/L	0.0063
Endosulfan I	ND	0.020	ug/L	0.0058
Endosulfan II	ND	0.040	ug/L	0.0070
Endosulfan sulfate	ND	0.66	ug/L	0.0057
Endrin	ND	0.060	ug/L	0.0079
Endrin aldehyde	ND	0.23	ug/L	0.0088
Endrin ketone	ND	0.10	ug/L	0.0070
Heptachlor	ND	0.030	ug/L	0.0077
Heptachlor epoxide	ND	0.080	ug/L	0.0075
Methoxychlor	ND	1.8	ug/L	0.013
Toxaphene	ND	2.5	ug/L	0.37

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	91	(57 - 122)
Tetrachloro-m-xylene	86	(38 - 116)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: OT20-MW03-A

GC Semivolatiles

Lot-Sample #...: D7F120221-006 **Work Order #...:** J0R1D1AD **Matrix.....:** WG
Date Sampled...: 06/10/07 10:23 **Date Received..:** 06/12/07
Prep Date.....: 06/12/07 **Analysis Date..:** 06/26/07
Prep Batch #...: 7163433 **Analysis Time..:** 20:25
Dilution Factor: 1

Method.....: SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aldrin	ND	0.040	ug/L	0.0059
alpha-BHC	ND	0.030	ug/L	0.0053
beta-BHC	ND	0.060	ug/L	0.0087
delta-BHC	ND	0.090	ug/L	0.0058
gamma-BHC (Lindane)	ND	0.040	ug/L	0.0069
alpha-Chlordane	ND	0.050	ug/L	0.0053
gamma-Chlordane	ND	0.050	ug/L	0.0091
4,4'-DDD	ND	0.11	ug/L	0.0077
4,4'-DDE	ND	0.040	ug/L	0.0075
4,4'-DDT	ND	0.12	ug/L	0.015
Dieldrin	ND	0.020	ug/L	0.0063
Endosulfan I	ND	0.020	ug/L	0.0058
Endosulfan II	ND	0.040	ug/L	0.0070
Endosulfan sulfate	ND	0.66	ug/L	0.0057
Endrin	ND	0.060	ug/L	0.0079
Endrin aldehyde	ND	0.23	ug/L	0.0088
Endrin ketone	ND	0.10	ug/L	0.0070
Heptachlor	ND	0.030	ug/L	0.0077
Heptachlor epoxide	ND	0.080	ug/L	0.0075
Methoxychlor	ND	1.8	ug/L	0.013
Toxaphene	ND	2.5	ug/L	0.37

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	101	(57 - 122)
Tetrachloro-m-xylene	95	(38 - 116)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: OT38-DP03-10

GC Semivolatiles

Lot-Sample #...: D7F120221-031 **Work Order #...:** J0R331AE **Matrix.....:** SO
Date Sampled...: 06/11/07 08:15 **Date Received..:** 06/12/07
Prep Date.....: 06/15/07 **Analysis Date..:** 06/26/07
Prep Batch #...: 7166133 **Analysis Time..:** 21:46
Dilution Factor: 1

Method.....: SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aldrin	ND	2.1	ug/kg	0.31
alpha-BHC	ND	2.1	ug/kg	0.26
beta-BHC	ND	2.1	ug/kg	0.35
delta-BHC	ND	2.1	ug/kg	0.21
gamma-BHC (Lindane)	ND	2.1	ug/kg	0.18
alpha-Chlordane	ND	2.1	ug/kg	0.40
gamma-Chlordane	ND	2.1	ug/kg	0.33
4,4'-DDD	ND	2.1	ug/kg	0.68
4,4'-DDE	ND	2.1	ug/kg	0.29
4,4'-DDT	ND	2.5	ug/kg	0.73
Dieldrin	ND	2.1	ug/kg	0.26
Endosulfan I	ND	2.1	ug/kg	0.22
Endosulfan II	ND	2.1	ug/kg	0.36
Endosulfan sulfate	ND	2.1	ug/kg	0.34
Endrin	ND	2.1	ug/kg	0.38
Endrin aldehyde	ND	2.1	ug/kg	0.21
Endrin ketone	ND	2.1	ug/kg	0.26
Heptachlor	ND	2.1	ug/kg	0.26
Heptachlor epoxide	ND	2.1	ug/kg	0.53
Methoxychlor	ND	4.1	ug/kg	0.56
Toxaphene	ND	210	ug/kg	20

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	94	(72 - 117)
Tetrachloro-m-xylene	92	(68 - 120)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: OT20-MW03

GC Semivolatiles

Lot-Sample #...: D7F120221-005 **Work Order #...:** J0R021AC **Matrix.....:** WG
Date Sampled...: 06/10/07 10:23 **Date Received..:** 06/12/07
Prep Date.....: 06/12/07 **Analysis Date..:** 06/14/07
Prep Batch #...: 7163431 **Analysis Time..:** 20:22
Dilution Factor: 1

Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	1.0	ug/L	0.12
Aroclor 1221	ND	1.0	ug/L	0.21
Aroclor 1232	ND	1.0	ug/L	0.17
Aroclor 1242	ND	1.0	ug/L	0.10
Aroclor 1248	ND	1.0	ug/L	0.092
Aroclor 1254	ND	1.0	ug/L	0.11
Aroclor 1260	ND	1.0	ug/L	0.16

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	76	(51 - 122)
Decachlorobiphenyl	80	(41 - 138)

Bhate Environmental Associates

Client Sample ID: OT20-MW03-A

GC Semivolatiles

Lot-Sample #...: D7F120221-006 **Work Order #...:** J0R1D1AC **Matrix.....:** WG
Date Sampled...: 06/10/07 10:23 **Date Received..:** 06/12/07
Prep Date.....: 06/12/07 **Analysis Date..:** 06/14/07
Prep Batch #...: 7163431 **Analysis Time..:** 21:55
Dilution Factor: 1

Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	1.0	ug/L	0.12
Aroclor 1221	ND	1.0	ug/L	0.21
Aroclor 1232	ND	1.0	ug/L	0.17
Aroclor 1242	ND	1.0	ug/L	0.10
Aroclor 1248	ND	1.0	ug/L	0.092
Aroclor 1254	ND	1.0	ug/L	0.11
Aroclor 1260	ND	1.0	ug/L	0.16

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	84	(51 - 122)
Decachlorobiphenyl	88	(41 - 138)

Bhate Environmental Associates

Client Sample ID: OT38-DP03-10

GC Semivolatiles

Lot-Sample #...: D7F120221-031 **Work Order #...:** J0R331AC **Matrix.....:** SO
Date Sampled...: 06/11/07 08:15 **Date Received..:** 06/12/07
Prep Date.....: 06/15/07 **Analysis Date..:** 06/20/07
Prep Batch #...: 7166130 **Analysis Time..:** 00:05
Dilution Factor: 1

Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	41	ug/kg	6.3
Aroclor 1221	ND	58	ug/kg	19
Aroclor 1232	ND	41	ug/kg	6.3
Aroclor 1242	ND	41	ug/kg	11
Aroclor 1248	ND	41	ug/kg	6.9
Aroclor 1254	ND	41	ug/kg	6.8
Aroclor 1260	ND	41	ug/kg	3.3

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	89	(68 - 125)
Tetrachloro-m-xylene	106	(67 - 129)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: OT37-DP09-2

GC Semivolatiles

Lot-Sample #...: D7F120221-032 **Work Order #...:** J0R4F1AC **Matrix.....:** SO
Date Sampled...: 06/11/07 08:45 **Date Received..:** 06/12/07
Prep Date.....: 06/15/07 **Analysis Date..:** 06/20/07
Prep Batch #...: 7166130 **Analysis Time..:** 00:55
Dilution Factor: 1

Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	39	ug/kg	6.1
Aroclor 1221	ND	56	ug/kg	19
Aroclor 1232	ND	39	ug/kg	6.1
Aroclor 1242	ND	39	ug/kg	11
Aroclor 1248	ND	39	ug/kg	6.7
Aroclor 1254	ND	39	ug/kg	6.6
Aroclor 1260	ND	39	ug/kg	3.2

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	414 *	(68 - 125)
Tetrachloro-m-xylene	107	(67 - 129)

NOTE(S):

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: OT37-DP09-10

GC Semivolatiles

Lot-Sample #...: D7F120221-033 **Work Order #...:** J0R4M1AC **Matrix.....:** SO
Date Sampled...: 06/11/07 08:50 **Date Received..:** 06/12/07
Prep Date.....: 06/15/07 **Analysis Date..:** 06/20/07
Prep Batch #...: 7166130 **Analysis Time..:** 01:11
Dilution Factor: 1

Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	40	ug/kg	6.1
Aroclor 1221	ND	56	ug/kg	19
Aroclor 1232	ND	40	ug/kg	6.2
Aroclor 1242	ND	40	ug/kg	11
Aroclor 1248	ND	40	ug/kg	6.7
Aroclor 1254	ND	40	ug/kg	6.6
Aroclor 1260	ND	40	ug/kg	3.2

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	81	(68 - 125)
Tetrachloro-m-xylene	108	(67 - 129)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: OT37-DP10-2

GC Semivolatiles

Lot-Sample #...: D7F120221-034 **Work Order #...:** J0R4P1AC **Matrix.....:** SO
Date Sampled...: 06/11/07 09:00 **Date Received..:** 06/12/07
Prep Date.....: 06/15/07 **Analysis Date..:** 06/20/07
Prep Batch #...: 7166130 **Analysis Time..:** 01:28
Dilution Factor: 1

Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	41	ug/kg	6.4
Aroclor 1221	ND	59	ug/kg	20
Aroclor 1232	ND	41	ug/kg	6.4
Aroclor 1242	ND	41	ug/kg	11
Aroclor 1248	ND	41	ug/kg	7.0
Aroclor 1254	ND	41	ug/kg	6.9
Aroclor 1260	**210**	**41**	**ug/kg**	**3.3**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	86	(68 - 125)
Tetrachloro-m-xylene	103	(67 - 129)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: OT37-DP10-10

GC Semivolatiles

Lot-Sample #...: D7F120221-035 **Work Order #...:** J0R4T1AC **Matrix.....:** SO
Date Sampled...: 06/11/07 09:05 **Date Received..:** 06/12/07
Prep Date.....: 06/15/07 **Analysis Date..:** 06/20/07
Prep Batch #...: 7166130 **Analysis Time..:** 01:44
Dilution Factor: 1

Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	38	ug/kg	5.9
Aroclor 1221	ND	54	ug/kg	18
Aroclor 1232	ND	38	ug/kg	5.9
Aroclor 1242	ND	38	ug/kg	11
Aroclor 1248	ND	38	ug/kg	6.5
Aroclor 1254	ND	38	ug/kg	6.4
Aroclor 1260	ND	38	ug/kg	3.1

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	92	(68 - 125)
Tetrachloro-m-xylene	108	(67 - 129)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: OT20-MW03

GC Semivolatiles

Lot-Sample #...: D7F120221-005 **Work Order #...:** J0R021AA **Matrix.....:** WG
Date Sampled...: 06/10/07 10:23 **Date Received..:** 06/12/07
Prep Date.....: 06/15/07 **Analysis Date..:** 06/27/07
Prep Batch #...: 7166379 **Analysis Time..:** 04:59
Dilution Factor: 1

Method.....: SW846 8151A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-DB	ND	4.0	ug/L	0.27
Dicamba	ND	2.0	ug/L	0.10
Dinoseb	ND	0.60	ug/L	0.24
MCPA	ND	400	ug/L	150
MCPP	ND	400	ug/L	46
2,4,5-TP (Silvex)	ND	1.0	ug/L	0.25
2,4,5-T	ND	1.0	ug/L	0.20
2,4-D	ND	4.0	ug/L	0.18
Dalapon	ND	2.0	ug/L	0.43
Dichlorprop	ND	4.0	ug/L	0.40

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
DCAA	100	(39 - 135)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: OT20-MW03-A

GC Semivolatiles

Lot-Sample #...: D7F120221-006 **Work Order #...:** J0R1D1AA **Matrix.....:** WG
Date Sampled...: 06/10/07 10:23 **Date Received..:** 06/12/07
Prep Date.....: 06/15/07 **Analysis Date..:** 06/27/07
Prep Batch #...: 7166379 **Analysis Time..:** 07:03
Dilution Factor: 1

Method.....: SW846 8151A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
2,4-DB	ND	4.0	ug/L	0.27
Dicamba	ND	2.0	ug/L	0.10
Dinoseb	ND	0.60	ug/L	0.24
MCPA	ND	400	ug/L	150
MCPP	ND	400	ug/L	46
2,4,5-TP (Silvex)	ND	1.0	ug/L	0.25
2,4,5-T	ND	1.0	ug/L	0.20
2,4-D	ND	4.0	ug/L	0.18
Dalapon	**0.51 J,COL**	**2.0**	**ug/L**	**0.43**
Dichlorprop	ND	4.0	ug/L	0.40

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
DCAA	109	(39 - 135)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

COL More than 40% RPD between primary and confirmation column results. The lower of the two results is reported.

Bhate Environmental Associates

Client Sample ID: SS18-MW02

TOTAL Metals

Lot-Sample #...: D7F120221-001 **Matrix.....:** WG
Date Sampled...: 06/09/07 10:22 **Date Received..:** 06/12/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7165634						
Silver	ND	10	ug/L	SW846 6010B	06/18-06/22/07	J0R0N1AC
		Dilution Factor: 1		Analysis Time..: 13:10	MDL.....: 2.8	
Aluminum	ND	100	ug/L	SW846 6010B	06/18-06/22/07	J0R0N1AD
		Dilution Factor: 1		Analysis Time..: 13:10	MDL.....: 18	
Arsenic	ND	15	ug/L	SW846 6010B	06/18-06/22/07	J0R0N1AE
		Dilution Factor: 1		Analysis Time..: 13:10	MDL.....: 4.4	
Barium	**26**	**10**	**ug/L**	**SW846 6010B**	**06/18-06/22/07**	**J0R0N1AF**
		Dilution Factor: 1		Analysis Time..: 13:10	MDL.....: 1.0	
Beryllium	ND	5.0	ug/L	SW846 6010B	06/18-06/22/07	J0R0N1AG
		Dilution Factor: 1		Analysis Time..: 13:10	MDL.....: 0.47	
Calcium	**490000 J**	**200**	**ug/L**	**SW846 6010B**	**06/18-06/22/07**	**J0R0N1AH**
		Dilution Factor: 1		Analysis Time..: 13:10	MDL.....: 34	
Cadmium	**0.62 B**	**5.0**	**ug/L**	**SW846 6010B**	**06/18-06/22/07**	**J0R0N1AJ**
		Dilution Factor: 1		Analysis Time..: 13:10	MDL.....: 0.45	
Cobalt	**2.8 B**	**10**	**ug/L**	**SW846 6010B**	**06/18-06/22/07**	**J0R0N1AK**
		Dilution Factor: 1		Analysis Time..: 13:10	MDL.....: 1.2	
Chromium	ND	10	ug/L	SW846 6010B	06/18-06/22/07	J0R0N1AL
		Dilution Factor: 1		Analysis Time..: 13:10	MDL.....: 2.6	
Copper	**7.3 B**	**15**	**ug/L**	**SW846 6010B**	**06/18-06/22/07**	**J0R0N1AM**
		Dilution Factor: 1		Analysis Time..: 13:10	MDL.....: 4.5	
Iron	ND	100	ug/L	SW846 6010B	06/18-06/22/07	J0R0N1AN
		Dilution Factor: 1		Analysis Time..: 13:10	MDL.....: 22	
Potassium	**13000 L**	**3000**	**ug/L**	**SW846 6010B**	**06/18-06/22/07**	**J0R0N1AP**
		Dilution Factor: 1		Analysis Time..: 13:10	MDL.....: 240	
Magnesium	**250000**	**200**	**ug/L**	**SW846 6010B**	**06/18-06/22/07**	**J0R0N1AQ**
		Dilution Factor: 1		Analysis Time..: 13:10	MDL.....: 43	

(Continued on next page)

Bhate Environmental Associates

Client Sample ID: SS18-MW02

TOTAL Metals

Lot-Sample #...: D7F120221-001 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	**650**	**10**	**ug/L**	**SW846 6010B**	**06/18-06/22/07**	**J0R0N1AR**
		Dilution Factor: 1		Analysis Time..: 13:10	MDL.....: 1.8	
Sodium	**420000**	**1000**	**ug/L**	**SW846 6010B**	**06/18-06/22/07**	**J0R0N1AT**
		Dilution Factor: 1		Analysis Time..: 13:10	MDL.....: 92	
Nickel	**14 B**	**40**	**ug/L**	**SW846 6010B**	**06/18-06/22/07**	**J0R0N1AU**
		Dilution Factor: 1		Analysis Time..: 13:10	MDL.....: 7.8	
Lead	ND	9.0	ug/L	SW846 6010B	06/18-06/23/07	J0R0N1AV
		Dilution Factor: 1		Analysis Time..: 15:42	MDL.....: 2.6	
Antimony	ND	10	ug/L	SW846 6010B	06/18-06/22/07	J0R0N1AW
		Dilution Factor: 1		Analysis Time..: 13:10	MDL.....: 3.1	
Selenium	ND	15	ug/L	SW846 6010B	06/18-06/22/07	J0R0N1AX
		Dilution Factor: 1		Analysis Time..: 13:10	MDL.....: 4.9	
Thallium	ND	15	ug/L	SW846 6010B	06/18-06/22/07	J0R0N1A0
		Dilution Factor: 1		Analysis Time..: 13:10	MDL.....: 4.9	
Vanadium	**12**	**10**	**ug/L**	**SW846 6010B**	**06/18-06/22/07**	**J0R0N1A1**
		Dilution Factor: 1		Analysis Time..: 13:10	MDL.....: 2.5	
Zinc	**38**	**20**	**ug/L**	**SW846 6010B**	**06/18-06/23/07**	**J0R0N1A2**
		Dilution Factor: 1		Analysis Time..: 15:42	MDL.....: 4.5	

Prep Batch #...: 7166218

Mercury	ND	0.20	ug/L	SW846 7470A	06/18-06/19/07	J0R0N1AA
		Dilution Factor: 1		Analysis Time..: 10:11	MDL.....: 0.027	

NOTE(S):

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

L Serial dilution of a digestate in the analytical batch indicates that physical and chemical interferences are present.

Bhate Environmental Associates

Client Sample ID: WL-12-03

TOTAL Metals

Lot-Sample #...: D7F120221-002 **Matrix.....:** WG
Date Sampled...: 06/09/07 10:45 **Date Received..:** 06/12/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7165634						
Silver	ND	10	ug/L	SW846 6010B	06/18-06/22/07	J0R0V1AF
		Dilution Factor: 1		Analysis Time..: 13:16	MDL.....: 2.8	
Arsenic	ND	15	ug/L	SW846 6010B	06/18-06/22/07	J0R0V1AG
		Dilution Factor: 1		Analysis Time..: 13:16	MDL.....: 4.4	
Barium	**30**	**10**	**ug/L**	**SW846 6010B**	**06/18-06/22/07**	**J0R0V1AC**
		Dilution Factor: 1		Analysis Time..: 13:16	MDL.....: 1.0	
Cadmium	ND	5.0	ug/L	SW846 6010B	06/18-06/22/07	J0R0V1AD
		Dilution Factor: 1		Analysis Time..: 13:16	MDL.....: 0.45	
Chromium	ND	10	ug/L	SW846 6010B	06/18-06/22/07	J0R0V1AE
		Dilution Factor: 1		Analysis Time..: 13:16	MDL.....: 2.6	
Lead	ND	9.0	ug/L	SW846 6010B	06/18-06/25/07	J0R0V1AH
		Dilution Factor: 1		Analysis Time..: 12:22	MDL.....: 2.6	
Selenium	ND	15	ug/L	SW846 6010B	06/18-06/22/07	J0R0V1AA
		Dilution Factor: 1		Analysis Time..: 13:16	MDL.....: 4.9	
Prep Batch #...: 7166218						
Mercury	ND	0.20	ug/L	SW846 7470A	06/18-06/19/07	J0R0V1AJ
		Dilution Factor: 1		Analysis Time..: 10:13	MDL.....: 0.027	

Bhate Environmental Associates

Client Sample ID: OT20-MW03

TOTAL Metals

Lot-Sample #...: D7F120221-005 **Matrix.....:** WG
Date Sampled...: 06/10/07 10:23 **Date Received..:** 06/12/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7165634						
Silver	ND	10	ug/L	SW846 6010B	06/18-06/22/07	J0R021AJ
		Dilution Factor: 1		Analysis Time..: 13:21	MDL.....: 2.8	
Arsenic	ND	15	ug/L	SW846 6010B	06/18-06/22/07	J0R021AK
		Dilution Factor: 1		Analysis Time..: 13:21	MDL.....: 4.4	
Barium	**41**	**10**	**ug/L**	**SW846 6010B**	**06/18-06/22/07**	**J0R021AF**
		Dilution Factor: 1		Analysis Time..: 13:21	MDL.....: 1.0	
Cadmium	**1.5 B**	**5.0**	**ug/L**	**SW846 6010B**	**06/18-06/22/07**	**J0R021AG**
		Dilution Factor: 1		Analysis Time..: 13:21	MDL.....: 0.45	
Chromium	ND	10	ug/L	SW846 6010B	06/18-06/22/07	J0R021AH
		Dilution Factor: 1		Analysis Time..: 13:21	MDL.....: 2.6	
Lead	ND	90	ug/L	SW846 6010B	06/18-06/23/07	J0R021AL
		Dilution Factor: 10		Analysis Time..: 15:58	MDL.....: 26	
Selenium	ND	15	ug/L	SW846 6010B	06/18-06/22/07	J0R021AE
		Dilution Factor: 1		Analysis Time..: 13:21	MDL.....: 4.9	
Prep Batch #...: 7166218						
Mercury	ND	0.20	ug/L	SW846 7470A	06/18-06/19/07	J0R021AM
		Dilution Factor: 1		Analysis Time..: 10:16	MDL.....: 0.027	

NOTE(S):

B Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: OT20-MW03-A

TOTAL Metals

Lot-Sample #...: D7F120221-006 **Matrix.....:** WG
Date Sampled...: 06/10/07 10:23 **Date Received..:** 06/12/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7165634						
Silver	ND	10	ug/L	SW846 6010B	06/18-06/22/07	J0R1D1AJ
		Dilution Factor: 1		Analysis Time..: 13:39	MDL.....: 2.8	
Arsenic	ND	15	ug/L	SW846 6010B	06/18-06/22/07	J0R1D1AK
		Dilution Factor: 1		Analysis Time..: 13:39	MDL.....: 4.4	
Barium	**41**	**10**	**ug/L**	**SW846 6010B**	**06/18-06/22/07**	**J0R1D1AF**
		Dilution Factor: 1		Analysis Time..: 13:39	MDL.....: 1.0	
Cadmium	**2.0 B**	**5.0**	**ug/L**	**SW846 6010B**	**06/18-06/22/07**	**J0R1D1AG**
		Dilution Factor: 1		Analysis Time..: 13:39	MDL.....: 0.45	
Chromium	ND	10	ug/L	SW846 6010B	06/18-06/22/07	J0R1D1AH
		Dilution Factor: 1		Analysis Time..: 13:39	MDL.....: 2.6	
Lead	ND	90	ug/L	SW846 6010B	06/18-06/23/07	J0R1D1AL
		Dilution Factor: 10		Analysis Time..: 16:13	MDL.....: 26	
Selenium	ND	15	ug/L	SW846 6010B	06/18-06/22/07	J0R1D1AE
		Dilution Factor: 1		Analysis Time..: 13:39	MDL.....: 4.9	
Prep Batch #...: 7166218						
Mercury	ND	0.20	ug/L	SW846 7470A	06/18-06/19/07	J0R1D1AM
		Dilution Factor: 1		Analysis Time..: 10:27	MDL.....: 0.027	

NOTE(S):

B Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: SS18-MW04

TOTAL Metals

Lot-Sample #...: D7F120221-009 **Matrix.....:** WG
Date Sampled...: 06/10/07 13:35 **Date Received..:** 06/12/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7165634						
Silver	ND	10	ug/L	SW846 6010B	06/18-06/22/07	J0R1T1AC
		Dilution Factor: 1		Analysis Time..: 13:45	MDL.....: 2.8	
Aluminum	ND	100	ug/L	SW846 6010B	06/18-06/22/07	J0R1T1AD
		Dilution Factor: 1		Analysis Time..: 13:45	MDL.....: 18	
Arsenic	ND	15	ug/L	SW846 6010B	06/18-06/22/07	J0R1T1AE
		Dilution Factor: 1		Analysis Time..: 13:45	MDL.....: 4.4	
Barium	**70**	**10**	**ug/L**	**SW846 6010B**	**06/18-06/22/07**	**J0R1T1AF**
		Dilution Factor: 1		Analysis Time..: 13:45	MDL.....: 1.0	
Beryllium	ND	5.0	ug/L	SW846 6010B	06/18-06/22/07	J0R1T1AG
		Dilution Factor: 1		Analysis Time..: 13:45	MDL.....: 0.47	
Calcium	**610000 J**	**200**	**ug/L**	**SW846 6010B**	**06/18-06/22/07**	**J0R1T1AH**
		Dilution Factor: 1		Analysis Time..: 13:45	MDL.....: 34	
Cadmium	**1.0 B**	**5.0**	**ug/L**	**SW846 6010B**	**06/18-06/22/07**	**J0R1T1AJ**
		Dilution Factor: 1		Analysis Time..: 13:45	MDL.....: 0.45	
Cobalt	**4.6 B**	**10**	**ug/L**	**SW846 6010B**	**06/18-06/22/07**	**J0R1T1AK**
		Dilution Factor: 1		Analysis Time..: 13:45	MDL.....: 1.2	
Chromium	ND	10	ug/L	SW846 6010B	06/18-06/22/07	J0R1T1AL
		Dilution Factor: 1		Analysis Time..: 13:45	MDL.....: 2.6	
Copper	**17**	**15**	**ug/L**	**SW846 6010B**	**06/18-06/22/07**	**J0R1T1AM**
		Dilution Factor: 1		Analysis Time..: 13:45	MDL.....: 4.5	
Iron	ND	100	ug/L	SW846 6010B	06/18-06/22/07	J0R1T1AN
		Dilution Factor: 1		Analysis Time..: 13:45	MDL.....: 22	
Potassium	**24000 L**	**3000**	**ug/L**	**SW846 6010B**	**06/18-06/22/07**	**J0R1T1AP**
		Dilution Factor: 1		Analysis Time..: 13:45	MDL.....: 240	
Magnesium	**420000**	**200**	**ug/L**	**SW846 6010B**	**06/18-06/22/07**	**J0R1T1AQ**
		Dilution Factor: 1		Analysis Time..: 13:45	MDL.....: 43	

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Bhate Environmental Associates

Client Sample ID: SS18-MW04

TOTAL Metals

Lot-Sample #...: D7F120221-009 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	**870**	**10**	**ug/L**	**SW846 6010B**	**06/18-06/22/07**	**J0R1T1AR**
		Dilution Factor: 1		Analysis Time..: 13:45	MDL.....: 1.8	
Sodium	**1500000**	**1000**	**ug/L**	**SW846 6010B**	**06/18-06/22/07**	**J0R1T1AT**
		Dilution Factor: 1		Analysis Time..: 13:45	MDL.....: 92	
Nickel	**23 B**	**40**	**ug/L**	**SW846 6010B**	**06/18-06/22/07**	**J0R1T1AU**
		Dilution Factor: 1		Analysis Time..: 13:45	MDL.....: 7.8	
Lead	ND	9.0	ug/L	SW846 6010B	06/18-06/23/07	J0R1T1AV
		Dilution Factor: 1		Analysis Time..: 16:19	MDL.....: 2.6	
Antimony	ND	10	ug/L	SW846 6010B	06/18-06/22/07	J0R1T1AW
		Dilution Factor: 1		Analysis Time..: 13:45	MDL.....: 3.1	
Selenium	ND	15	ug/L	SW846 6010B	06/18-06/22/07	J0R1T1AX
		Dilution Factor: 1		Analysis Time..: 13:45	MDL.....: 4.9	
Thallium	ND	15	ug/L	SW846 6010B	06/18-06/22/07	J0R1T1A0
		Dilution Factor: 1		Analysis Time..: 13:45	MDL.....: 4.9	
Vanadium	**5.3 B**	**10**	**ug/L**	**SW846 6010B**	**06/18-06/22/07**	**J0R1T1A1**
		Dilution Factor: 1		Analysis Time..: 13:45	MDL.....: 2.5	
Zinc	**45**	**20**	**ug/L**	**SW846 6010B**	**06/18-06/23/07**	**J0R1T1A2**
		Dilution Factor: 1		Analysis Time..: 16:19	MDL.....: 4.5	

Prep Batch #...: 7166218

Mercury	ND	0.20	ug/L	SW846 7470A	06/18-06/19/07	J0R1T1AA
		Dilution Factor: 1		Analysis Time..: 10:29	MDL.....: 0.027	

NOTE(S):

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

L Serial dilution of a digestate in the analytical batch indicates that physical and chemical interferences are present.

Bhate Environmental Associates

Client Sample ID: RW42-DP01-10

TOTAL Metals

Lot-Sample #...: D7F120221-014 **Matrix.....:** SO
Date Sampled...: 06/10/07 13:00 **Date Received..:** 06/12/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7165566						
Silver	ND	1.1	mg/kg	SW846 6010B	06/21-06/23/07	J0R2K1AF
		Dilution Factor: 1		Analysis Time..: 08:11	MDL.....: 0.18	
Aluminum	**18000**	**11**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R2K1AG**
		Dilution Factor: 1		Analysis Time..: 08:11	MDL.....: 5.6	
Arsenic	**2.7**	**2.3**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R2K1AH**
		Dilution Factor: 1		Analysis Time..: 08:11	MDL.....: 0.75	
Barium	**140**	**1.1**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R2K1AJ**
		Dilution Factor: 1		Analysis Time..: 08:11	MDL.....: 0.27	
Beryllium	**0.99**	**0.57**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R2K1AK**
		Dilution Factor: 1		Analysis Time..: 08:11	MDL.....: 0.17	
Calcium	**100000**	**57**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R2K1AL**
		Dilution Factor: 1		Analysis Time..: 08:11	MDL.....: 16	
Cadmium	**0.17 B**	**0.57**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R2K1AM**
		Dilution Factor: 1		Analysis Time..: 08:11	MDL.....: 0.047	
Cobalt	**5.7**	**1.1**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R2K1AN**
		Dilution Factor: 1		Analysis Time..: 08:11	MDL.....: 0.11	
Chromium	**19**	**1.7**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R2K1AP**
		Dilution Factor: 1		Analysis Time..: 08:11	MDL.....: 0.46	
Copper	**11**	**2.3**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R2K1AQ**
		Dilution Factor: 1		Analysis Time..: 08:11	MDL.....: 0.64	
Iron	**15000**	**17**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R2K1AR**
		Dilution Factor: 1		Analysis Time..: 08:11	MDL.....: 4.3	
Potassium	**4400**	**340**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R2K1AT**
		Dilution Factor: 1		Analysis Time..: 08:11	MDL.....: 47	
Magnesium	**7700**	**23**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R2K1AU**
		Dilution Factor: 1		Analysis Time..: 08:11	MDL.....: 4.2	

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Bhate Environmental Associates

Client Sample ID: RW42-DP01-10

TOTAL Metals

Lot-Sample #...: D7F120221-014 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	**170 J**	**1.1**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R2K1AV**
		Dilution Factor: 1		Analysis Time..: 08:11	MDL.....: 0.11	
Sodium	**3000**	**570**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R2K1AW**
		Dilution Factor: 1		Analysis Time..: 08:11	MDL.....: 67	
Nickel	**14**	**4.6**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R2K1AX**
		Dilution Factor: 1		Analysis Time..: 08:11	MDL.....: 0.27	
Lead	**8.4**	**0.91**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R2K1A0**
		Dilution Factor: 1		Analysis Time..: 08:11	MDL.....: 0.31	
Antimony	ND	1.7	mg/kg	SW846 6010B	06/21-06/23/07	J0R2K1A1
		Dilution Factor: 1		Analysis Time..: 08:11	MDL.....: 0.43	
Selenium	ND	1.5	mg/kg	SW846 6010B	06/21-06/23/07	J0R2K1A2
		Dilution Factor: 1		Analysis Time..: 08:11	MDL.....: 0.98	
Thallium	ND	1.4	mg/kg	SW846 6010B	06/21-06/23/07	J0R2K1A3
		Dilution Factor: 1		Analysis Time..: 08:11	MDL.....: 0.74	
Vanadium	**30**	**2.3**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R2K1A4**
		Dilution Factor: 1		Analysis Time..: 08:11	MDL.....: 0.71	
Zinc	**45**	**3.4**	**mg/kg**	**SW846 6010B**	**06/21-06/25/07**	**J0R2K1A5**
		Dilution Factor: 1		Analysis Time..: 09:04	MDL.....: 1.1	

Prep Batch #...: 7166242

Mercury	ND	38	ug/kg	SW846 7471A	06/19-06/20/07	J0R2K1AD
		Dilution Factor: 1		Analysis Time..: 00:20	MDL.....: 3.2	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: RW42-DP01-16

TOTAL Metals

Lot-Sample #...: D7F120221-015 **Matrix.....:** SO
Date Sampled...: 06/10/07 13:10 **Date Received..:** 06/12/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7165566						
Silver	ND	1.1	mg/kg	SW846 6010B	06/21-06/23/07	J0R2T1AR
		Dilution Factor: 1		Analysis Time..: 08:16	MDL.....: 0.17	
Aluminum	**13000**	**11**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R2T1AT**
		Dilution Factor: 1		Analysis Time..: 08:16	MDL.....: 5.4	
Arsenic	**3.4**	**2.2**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R2T1AU**
		Dilution Factor: 1		Analysis Time..: 08:16	MDL.....: 0.72	
Barium	**130**	**1.1**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R2T1AV**
		Dilution Factor: 1		Analysis Time..: 08:16	MDL.....: 0.26	
Beryllium	**0.74**	**0.55**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R2T1AW**
		Dilution Factor: 1		Analysis Time..: 08:16	MDL.....: 0.16	
Calcium	**120000**	**55**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R2T1AX**
		Dilution Factor: 1		Analysis Time..: 08:16	MDL.....: 15	
Cadmium	**0.14 B**	**0.55**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R2T1A0**
		Dilution Factor: 1		Analysis Time..: 08:16	MDL.....: 0.045	
Cobalt	**4.7**	**1.1**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R2T1A1**
		Dilution Factor: 1		Analysis Time..: 08:16	MDL.....: 0.11	
Chromium	**15**	**1.6**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R2T1A2**
		Dilution Factor: 1		Analysis Time..: 08:16	MDL.....: 0.44	
Copper	**7.0**	**2.2**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R2T1A3**
		Dilution Factor: 1		Analysis Time..: 08:16	MDL.....: 0.61	
Iron	**13000**	**16**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R2T1A4**
		Dilution Factor: 1		Analysis Time..: 08:16	MDL.....: 4.2	
Potassium	**3500**	**330**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R2T1A5**
		Dilution Factor: 1		Analysis Time..: 08:16	MDL.....: 45	
Magnesium	**5400**	**22**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R2T1A6**
		Dilution Factor: 1		Analysis Time..: 08:16	MDL.....: 4.0	

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Bhate Environmental Associates

Client Sample ID: RW42-DP01-16

TOTAL Metals

Lot-Sample #...: D7F120221-015 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	**110 J**	**1.1**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R2T1A7**
		Dilution Factor: 1		Analysis Time..: 08:16	MDL.....: 0.11	
Sodium	**2700**	**550**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R2T1A8**
		Dilution Factor: 1		Analysis Time..: 08:16	MDL.....: 64	
Nickel	**11**	**4.4**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R2T1A9**
		Dilution Factor: 1		Analysis Time..: 08:16	MDL.....: 0.26	
Lead	**6.6**	**0.87**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R2T1AA**
		Dilution Factor: 1		Analysis Time..: 08:16	MDL.....: 0.30	
Antimony	ND	1.6	mg/kg	SW846 6010B	06/21-06/23/07	J0R2T1AC
		Dilution Factor: 1		Analysis Time..: 08:16	MDL.....: 0.42	
Selenium	ND	1.4	mg/kg	SW846 6010B	06/21-06/23/07	J0R2T1AD
		Dilution Factor: 1		Analysis Time..: 08:16	MDL.....: 0.94	
Thallium	ND	1.3	mg/kg	SW846 6010B	06/21-06/23/07	J0R2T1AE
		Dilution Factor: 1		Analysis Time..: 08:16	MDL.....: 0.71	
Vanadium	**25**	**2.2**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R2T1AF**
		Dilution Factor: 1		Analysis Time..: 08:16	MDL.....: 0.68	
Zinc	**34**	**3.3**	**mg/kg**	**SW846 6010B**	**06/21-06/25/07**	**J0R2T1AG**
		Dilution Factor: 1		Analysis Time..: 09:10	MDL.....: 1.1	

Prep Batch #...: 7166242

Mercury	**6.6 B**	**36**	**ug/kg**	**SW846 7471A**	**06/19-06/20/07**	**J0R2T1AP**
		Dilution Factor: 1		Analysis Time..: 00:22	MDL.....: 3.1	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: RW42-DP01-24

TOTAL Metals

Lot-Sample #...: D7F120221-016 **Matrix.....:** SO
Date Sampled...: 06/10/07 13:20 **Date Received..:** 06/12/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7165566						
Silver	ND	1.2	mg/kg	SW846 6010B	06/21-06/23/07	J0R2W1AR
		Dilution Factor: 1		Analysis Time..: 08:22	MDL.....: 0.19	
Aluminum	**4500**	**12**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R2W1AT**
		Dilution Factor: 1		Analysis Time..: 08:22	MDL.....: 5.8	
Arsenic	**2.0 B**	**2.4**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R2W1AU**
		Dilution Factor: 1		Analysis Time..: 08:22	MDL.....: 0.78	
Barium	**44**	**1.2**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R2W1AV**
		Dilution Factor: 1		Analysis Time..: 08:22	MDL.....: 0.28	
Beryllium	**0.21 B**	**0.59**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R2W1AW**
		Dilution Factor: 1		Analysis Time..: 08:22	MDL.....: 0.18	
Calcium	**140000**	**59**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R2W1AX**
		Dilution Factor: 1		Analysis Time..: 08:22	MDL.....: 17	
Cadmium	ND	0.59	mg/kg	SW846 6010B	06/21-06/23/07	J0R2W1A0
		Dilution Factor: 1		Analysis Time..: 08:22	MDL.....: 0.049	
Cobalt	**1.6**	**1.2**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R2W1A1**
		Dilution Factor: 1		Analysis Time..: 08:22	MDL.....: 0.12	
Chromium	**5.6**	**1.8**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R2W1A2**
		Dilution Factor: 1		Analysis Time..: 08:22	MDL.....: 0.47	
Copper	**3.2**	**2.4**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R2W1A3**
		Dilution Factor: 1		Analysis Time..: 08:22	MDL.....: 0.66	
Iron	**4800**	**18**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R2W1A4**
		Dilution Factor: 1		Analysis Time..: 08:22	MDL.....: 4.5	
Potassium	**1200**	**360**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R2W1A5**
		Dilution Factor: 1		Analysis Time..: 08:22	MDL.....: 49	
Magnesium	**1800**	**24**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R2W1A6**
		Dilution Factor: 1		Analysis Time..: 08:22	MDL.....: 4.4	

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Bhate Environmental Associates

Client Sample ID: RW42-DP01-24

TOTAL Metals

Lot-Sample #...: D7F120221-016 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	**59 J**	**1.2**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R2W1A7**
		Dilution Factor: 1		Analysis Time..: 08:22	MDL.....: 0.12	
Sodium	**1200**	**590**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R2W1A8**
		Dilution Factor: 1		Analysis Time..: 08:22	MDL.....: 70	
Nickel	**3.8 B**	**4.7**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R2W1A9**
		Dilution Factor: 1		Analysis Time..: 08:22	MDL.....: 0.28	
Lead	**2.7**	**0.95**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R2W1AA**
		Dilution Factor: 1		Analysis Time..: 08:22	MDL.....: 0.32	
Antimony	ND	1.8	mg/kg	SW846 6010B	06/21-06/23/07	J0R2W1AC
		Dilution Factor: 1		Analysis Time..: 08:22	MDL.....: 0.45	
Selenium	ND	1.5	mg/kg	SW846 6010B	06/21-06/23/07	J0R2W1AD
		Dilution Factor: 1		Analysis Time..: 08:22	MDL.....: 1.0	
Thallium	ND	1.4	mg/kg	SW846 6010B	06/21-06/23/07	J0R2W1AE
		Dilution Factor: 1		Analysis Time..: 08:22	MDL.....: 0.77	
Vanadium	**11**	**2.4**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R2W1AF**
		Dilution Factor: 1		Analysis Time..: 08:22	MDL.....: 0.73	
Zinc	**12**	**3.6**	**mg/kg**	**SW846 6010B**	**06/21-06/25/07**	**J0R2W1AG**
		Dilution Factor: 1		Analysis Time..: 09:15	MDL.....: 1.2	

Prep Batch #...: 7166242

Mercury	ND	39	ug/kg	SW846 7471A	06/19-06/20/07	J0R2W1AP
		Dilution Factor: 1		Analysis Time..: 00:25	MDL.....: 3.3	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: RW42-DP01-24A

TOTAL Metals

Lot-Sample #...: D7F120221-017 **Matrix.....:** SO
Date Sampled...: 06/10/07 13:20 **Date Received..:** 06/12/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7165566						
Silver	ND	1.2	mg/kg	SW846 6010B	06/21-06/23/07	J0R201AR
		Dilution Factor: 1		Analysis Time..: 08:28	MDL.....: 0.19	
Aluminum	**11000**	**12**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R201AT**
		Dilution Factor: 1		Analysis Time..: 08:28	MDL.....: 5.7	
Arsenic	**2.5**	**2.3**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R201AU**
		Dilution Factor: 1		Analysis Time..: 08:28	MDL.....: 0.76	
Barium	**83**	**1.2**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R201AV**
		Dilution Factor: 1		Analysis Time..: 08:28	MDL.....: 0.28	
Beryllium	**0.58**	**0.58**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R201AW**
		Dilution Factor: 1		Analysis Time..: 08:28	MDL.....: 0.17	
Calcium	**140000**	**58**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R201AX**
		Dilution Factor: 1		Analysis Time..: 08:28	MDL.....: 16	
Cadmium	**0.097 B**	**0.58**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R201A0**
		Dilution Factor: 1		Analysis Time..: 08:28	MDL.....: 0.047	
Cobalt	**4.2**	**1.2**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R201A1**
		Dilution Factor: 1		Analysis Time..: 08:28	MDL.....: 0.12	
Chromium	**14**	**1.7**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R201A2**
		Dilution Factor: 1		Analysis Time..: 08:28	MDL.....: 0.46	
Copper	**6.7**	**2.3**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R201A3**
		Dilution Factor: 1		Analysis Time..: 08:28	MDL.....: 0.65	
Iron	**11000**	**17**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R201A4**
		Dilution Factor: 1		Analysis Time..: 08:28	MDL.....: 4.4	
Potassium	**3200**	**350**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R201A5**
		Dilution Factor: 1		Analysis Time..: 08:28	MDL.....: 47	
Magnesium	**5000**	**23**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R201A6**
		Dilution Factor: 1		Analysis Time..: 08:28	MDL.....: 4.3	

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Bhate Environmental Associates

Client Sample ID: RW42-DP01-24A

TOTAL Metals

Lot-Sample #...: D7F120221-017 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	**160 J**	**1.2**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R201A7**
		Dilution Factor: 1		Analysis Time..: 08:28	MDL.....: 0.12	
Sodium	**2500**	**580**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R201A8**
		Dilution Factor: 1		Analysis Time..: 08:28	MDL.....: 68	
Nickel	**9.8**	**4.6**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R201A9**
		Dilution Factor: 1		Analysis Time..: 08:28	MDL.....: 0.28	
Lead	**5.9**	**0.93**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R201AA**
		Dilution Factor: 1		Analysis Time..: 08:28	MDL.....: 0.31	
Antimony	ND	1.7	mg/kg	SW846 6010B	06/21-06/23/07	J0R201AC
		Dilution Factor: 1		Analysis Time..: 08:28	MDL.....: 0.44	
Selenium	ND	1.5	mg/kg	SW846 6010B	06/21-06/23/07	J0R201AD
		Dilution Factor: 1		Analysis Time..: 08:28	MDL.....: 1.0	
Thallium	ND	1.4	mg/kg	SW846 6010B	06/21-06/23/07	J0R201AE
		Dilution Factor: 1		Analysis Time..: 08:28	MDL.....: 0.75	
Vanadium	**22**	**2.3**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R201AF**
		Dilution Factor: 1		Analysis Time..: 08:28	MDL.....: 0.72	
Zinc	**33**	**3.5**	**mg/kg**	**SW846 6010B**	**06/21-06/25/07**	**J0R201AG**
		Dilution Factor: 1		Analysis Time..: 09:20	MDL.....: 1.2	

Prep Batch #...: 7166242

Mercury	ND	38	ug/kg	SW846 7471A	06/19-06/20/07	J0R201AP
		Dilution Factor: 1		Analysis Time..: 00:27	MDL.....: 3.2	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: RW42-DP02-10

TOTAL Metals

Lot-Sample #...: D7F120221-018 **Matrix.....:** SO
Date Sampled...: 06/10/07 13:45 **Date Received..:** 06/12/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7165566						
Zinc	**44**	**3.3**	**mg/kg**	**SW846 6010B**	**06/21-06/25/07**	**J0R211AT**
		Dilution Factor: 1		Analysis Time..: 09:25	MDL.....: 1.1	
Silver	ND	1.1	mg/kg	SW846 6010B	06/21-06/23/07	J0R211A4
		Dilution Factor: 1		Analysis Time..: 08:33	MDL.....: 0.17	
Aluminum	**18000**	**11**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R211A5**
		Dilution Factor: 1		Analysis Time..: 08:33	MDL.....: 5.3	
Arsenic	**3.2**	**2.2**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R211A6**
		Dilution Factor: 1		Analysis Time..: 08:33	MDL.....: 0.72	
Barium	**120**	**1.1**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R211A7**
		Dilution Factor: 1		Analysis Time..: 08:33	MDL.....: 0.26	
Beryllium	**0.88**	**0.54**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R211A8**
		Dilution Factor: 1		Analysis Time..: 08:33	MDL.....: 0.16	
Calcium	**110000**	**54**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R211A9**
		Dilution Factor: 1		Analysis Time..: 08:33	MDL.....: 15	
Cadmium	**0.22 B**	**0.54**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R211AA**
		Dilution Factor: 1		Analysis Time..: 08:33	MDL.....: 0.045	
Cobalt	**6.6**	**1.1**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R211AC**
		Dilution Factor: 1		Analysis Time..: 08:33	MDL.....: 0.11	
Chromium	**20**	**1.6**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R211AD**
		Dilution Factor: 1		Analysis Time..: 08:33	MDL.....: 0.43	
Copper	**11**	**2.2**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R211AE**
		Dilution Factor: 1		Analysis Time..: 08:33	MDL.....: 0.61	
Iron	**15000**	**16**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R211AF**
		Dilution Factor: 1		Analysis Time..: 08:33	MDL.....: 4.1	
Potassium	**4700**	**330**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R211AG**
		Dilution Factor: 1		Analysis Time..: 08:33	MDL.....: 45	

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Bhate Environmental Associates

Client Sample ID: RW42-DP02-10

TOTAL Metals

Lot-Sample #...: D7F120221-018 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	**7600**	**22**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R211AH**
		Dilution Factor: 1		Analysis Time..: 08:33	MDL.....: 4.0	
Manganese	**220 J**	**1.1**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R211AJ**
		Dilution Factor: 1		Analysis Time..: 08:33	MDL.....: 0.11	
Sodium	**2900**	**540**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R211AK**
		Dilution Factor: 1		Analysis Time..: 08:33	MDL.....: 64	
Nickel	**14**	**4.3**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R211AL**
		Dilution Factor: 1		Analysis Time..: 08:33	MDL.....: 0.26	
Lead	**8.7**	**0.87**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R211AM**
		Dilution Factor: 1		Analysis Time..: 08:33	MDL.....: 0.29	
Antimony	ND	1.6	mg/kg	SW846 6010B	06/21-06/23/07	J0R211AN
		Dilution Factor: 1		Analysis Time..: 08:33	MDL.....: 0.41	
Selenium	ND	1.4	mg/kg	SW846 6010B	06/21-06/23/07	J0R211AP
		Dilution Factor: 1		Analysis Time..: 08:33	MDL.....: 0.93	
Thallium	ND	1.3	mg/kg	SW846 6010B	06/21-06/23/07	J0R211AQ
		Dilution Factor: 1		Analysis Time..: 08:33	MDL.....: 0.71	
Vanadium	**33**	**2.2**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R211AR**
		Dilution Factor: 1		Analysis Time..: 08:33	MDL.....: 0.67	

Prep Batch #...: 7166242

Mercury	**6.2 B**	**36**	**ug/kg**	**SW846 7471A**	**06/19-06/20/07**	**J0R211A2**
		Dilution Factor: 1		Analysis Time..: 00:29	MDL.....: 3.0	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: RW42-DP02-16

TOTAL Metals

Lot-Sample #...: D7F120221-019 **Matrix.....:** SO
Date Sampled...: 06/10/07 14:00 **Date Received..:** 06/12/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7165566						
Silver	ND	1.1	mg/kg	SW846 6010B	06/21-06/23/07	J0R241A4
		Dilution Factor: 1		Analysis Time..: 08:39	MDL.....: 0.18	
Aluminum	**12000**	**11**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R241A5**
		Dilution Factor: 1		Analysis Time..: 08:39	MDL.....: 5.5	
Arsenic	**1.8 B**	**2.3**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R241A6**
		Dilution Factor: 1		Analysis Time..: 08:39	MDL.....: 0.74	
Barium	**100**	**1.1**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R241A7**
		Dilution Factor: 1		Analysis Time..: 08:39	MDL.....: 0.27	
Beryllium	**0.59**	**0.56**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R241A8**
		Dilution Factor: 1		Analysis Time..: 08:39	MDL.....: 0.17	
Calcium	**98000**	**56**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R241A9**
		Dilution Factor: 1		Analysis Time..: 08:39	MDL.....: 16	
Cadmium	**0.088 B**	**0.56**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R241AA**
		Dilution Factor: 1		Analysis Time..: 08:39	MDL.....: 0.046	
Cobalt	**3.5**	**1.1**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R241AC**
		Dilution Factor: 1		Analysis Time..: 08:39	MDL.....: 0.11	
Chromium	**13**	**1.7**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R241AD**
		Dilution Factor: 1		Analysis Time..: 08:39	MDL.....: 0.45	
Copper	**7.1**	**2.3**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R241AE**
		Dilution Factor: 1		Analysis Time..: 08:39	MDL.....: 0.63	
Iron	**9800**	**17**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R241AF**
		Dilution Factor: 1		Analysis Time..: 08:39	MDL.....: 4.3	
Potassium	**2900**	**340**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R241AG**
		Dilution Factor: 1		Analysis Time..: 08:39	MDL.....: 46	
Magnesium	**4800**	**23**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R241AH**
		Dilution Factor: 1		Analysis Time..: 08:39	MDL.....: 4.2	

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Bhate Environmental Associates

Client Sample ID: RW42-DP02-16

TOTAL Metals

Lot-Sample #...: D7F120221-019 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	**110 J**	**1.1**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R241AJ**
		Dilution Factor: 1		Analysis Time..: 08:39	MDL.....: 0.11	
Sodium	**2400**	**560**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R241AK**
		Dilution Factor: 1		Analysis Time..: 08:39	MDL.....: 66	
Nickel	**8.7**	**4.5**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R241AL**
		Dilution Factor: 1		Analysis Time..: 08:39	MDL.....: 0.27	
Lead	**5.4**	**0.90**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R241AM**
		Dilution Factor: 1		Analysis Time..: 08:39	MDL.....: 0.30	
Antimony	ND	1.7	mg/kg	SW846 6010B	06/21-06/23/07	J0R241AN
		Dilution Factor: 1		Analysis Time..: 08:39	MDL.....: 0.43	
Selenium	ND	1.5	mg/kg	SW846 6010B	06/21-06/23/07	J0R241AP
		Dilution Factor: 1		Analysis Time..: 08:39	MDL.....: 0.97	
Thallium	ND	1.4	mg/kg	SW846 6010B	06/21-06/23/07	J0R241AQ
		Dilution Factor: 1		Analysis Time..: 08:39	MDL.....: 0.73	
Vanadium	**19**	**2.3**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R241AR**
		Dilution Factor: 1		Analysis Time..: 08:39	MDL.....: 0.70	
Zinc	**27**	**3.4**	**mg/kg**	**SW846 6010B**	**06/21-06/25/07**	**J0R241AT**
		Dilution Factor: 1		Analysis Time..: 09:30	MDL.....: 1.1	

Prep Batch #...: 7166242

Mercury	**3.3 B**	**37**	**ug/kg**	**SW846 7471A**	**06/19-06/20/07**	**J0R241A2**
		Dilution Factor: 1		Analysis Time..: 00:36	MDL.....: 3.2	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: RW42-DP02-24

TOTAL Metals

Lot-Sample #...: D7F120221-020 **Matrix.....:** SO
Date Sampled...: 06/10/07 14:15 **Date Received..:** 06/12/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7165566						
Silver	ND	1.2	mg/kg	SW846 6010B	06/21-06/25/07	J0R251A4
		Dilution Factor: 1		Analysis Time..: 17:44	MDL.....: 0.19	
Aluminum	**6700**	**12**	**mg/kg**	**SW846 6010B**	**06/21-06/25/07**	**J0R251A5**
		Dilution Factor: 1		Analysis Time..: 17:44	MDL.....: 5.7	
Arsenic	**2.2 B**	**2.3**	**mg/kg**	**SW846 6010B**	**06/21-06/25/07**	**J0R251A6**
		Dilution Factor: 1		Analysis Time..: 17:44	MDL.....: 0.76	
Barium	**50**	**1.2**	**mg/kg**	**SW846 6010B**	**06/21-06/25/07**	**J0R251A7**
		Dilution Factor: 1		Analysis Time..: 17:44	MDL.....: 0.28	
Beryllium	**0.37 B**	**0.58**	**mg/kg**	**SW846 6010B**	**06/21-06/25/07**	**J0R251A8**
		Dilution Factor: 1		Analysis Time..: 17:44	MDL.....: 0.17	
Calcium	**73000**	**58**	**mg/kg**	**SW846 6010B**	**06/21-06/25/07**	**J0R251A9**
		Dilution Factor: 1		Analysis Time..: 17:44	MDL.....: 16	
Cadmium	ND	0.58	mg/kg	SW846 6010B	06/21-06/25/07	J0R251AA
		Dilution Factor: 1		Analysis Time..: 17:44	MDL.....: 0.048	
Cobalt	**2.5**	**1.2**	**mg/kg**	**SW846 6010B**	**06/21-06/25/07**	**J0R251AC**
		Dilution Factor: 1		Analysis Time..: 17:44	MDL.....: 0.12	
Chromium	**8.5**	**1.7**	**mg/kg**	**SW846 6010B**	**06/21-06/25/07**	**J0R251AD**
		Dilution Factor: 1		Analysis Time..: 17:44	MDL.....: 0.46	
Copper	**4.2**	**2.3**	**mg/kg**	**SW846 6010B**	**06/21-06/25/07**	**J0R251AE**
		Dilution Factor: 1		Analysis Time..: 17:44	MDL.....: 0.65	
Iron	**7500**	**17**	**mg/kg**	**SW846 6010B**	**06/21-06/25/07**	**J0R251AF**
		Dilution Factor: 1		Analysis Time..: 17:44	MDL.....: 4.4	
Potassium	**1500**	**350**	**mg/kg**	**SW846 6010B**	**06/21-06/25/07**	**J0R251AG**
		Dilution Factor: 1		Analysis Time..: 17:44	MDL.....: 48	
Magnesium	**2800**	**23**	**mg/kg**	**SW846 6010B**	**06/21-06/25/07**	**J0R251AH**
		Dilution Factor: 1		Analysis Time..: 17:44	MDL.....: 4.3	

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Bhate Environmental Associates

Client Sample ID: RW42-DP02-24

TOTAL Metals

Lot-Sample #...: D7F120221-020 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	**120 J**	**1.2**	**mg/kg**	**SW846 6010B**	**06/21-06/25/07**	**J0R251AJ**
		Dilution Factor: 1		Analysis Time..: 17:44	MDL.....: 0.12	
Sodium	**1500**	**580**	**mg/kg**	**SW846 6010B**	**06/21-06/25/07**	**J0R251AK**
		Dilution Factor: 1		Analysis Time..: 17:44	MDL.....: 68	
Nickel	**6.3**	**4.6**	**mg/kg**	**SW846 6010B**	**06/21-06/25/07**	**J0R251AL**
		Dilution Factor: 1		Analysis Time..: 17:44	MDL.....: 0.28	
Lead	**3.7**	**0.93**	**mg/kg**	**SW846 6010B**	**06/21-06/25/07**	**J0R251AM**
		Dilution Factor: 1		Analysis Time..: 17:44	MDL.....: 0.31	
Antimony	ND	1.7	mg/kg	SW846 6010B	06/21-06/25/07	J0R251AN
		Dilution Factor: 1		Analysis Time..: 17:44	MDL.....: 0.44	
Selenium	ND	1.5	mg/kg	SW846 6010B	06/21-06/25/07	J0R251AP
		Dilution Factor: 1		Analysis Time..: 17:44	MDL.....: 1.0	
Thallium	ND	1.4	mg/kg	SW846 6010B	06/21-06/25/07	J0R251AQ
		Dilution Factor: 1		Analysis Time..: 17:44	MDL.....: 0.75	
Vanadium	**16**	**2.3**	**mg/kg**	**SW846 6010B**	**06/21-06/25/07**	**J0R251AR**
		Dilution Factor: 1		Analysis Time..: 17:44	MDL.....: 0.72	
Zinc	**18**	**3.5**	**mg/kg**	**SW846 6010B**	**06/21-06/25/07**	**J0R251AT**
		Dilution Factor: 1		Analysis Time..: 17:44	MDL.....: 1.2	

Prep Batch #...: 7166242

Mercury	ND	38	ug/kg	SW846 7471A	06/19-06/20/07	J0R251A2
		Dilution Factor: 1		Analysis Time..: 00:39	MDL.....: 3.2	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: RW42-DP03-10

TOTAL Metals

Lot-Sample #...: D7F120221-021 **Matrix.....:** SO
Date Sampled...: 06/10/07 14:45 **Date Received..:** 06/12/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7165566						
Silver	ND	1.2	mg/kg	SW846 6010B	06/21-06/23/07	J0R261A4
		Dilution Factor: 1		Analysis Time..: 09:23	MDL.....: 0.18	
Aluminum	**14000**	**12**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R261A5**
		Dilution Factor: 1		Analysis Time..: 09:23	MDL.....: 5.7	
Arsenic	**3.4**	**2.3**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R261A6**
		Dilution Factor: 1		Analysis Time..: 09:23	MDL.....: 0.76	
Barium	**110**	**1.2**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R261A7**
		Dilution Factor: 1		Analysis Time..: 09:23	MDL.....: 0.28	
Beryllium	**0.68**	**0.58**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R261A8**
		Dilution Factor: 1		Analysis Time..: 09:23	MDL.....: 0.17	
Calcium	**130000**	**58**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R261A9**
		Dilution Factor: 1		Analysis Time..: 09:23	MDL.....: 16	
Cadmium	**0.18 B**	**0.58**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R261AA**
		Dilution Factor: 1		Analysis Time..: 09:23	MDL.....: 0.047	
Cobalt	**5.4**	**1.2**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R261AC**
		Dilution Factor: 1		Analysis Time..: 09:23	MDL.....: 0.12	
Chromium	**16**	**1.7**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R261AD**
		Dilution Factor: 1		Analysis Time..: 09:23	MDL.....: 0.46	
Copper	**8.4**	**2.3**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R261AE**
		Dilution Factor: 1		Analysis Time..: 09:23	MDL.....: 0.65	
Iron	**12000**	**17**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R261AF**
		Dilution Factor: 1		Analysis Time..: 09:23	MDL.....: 4.4	
Potassium	**3400**	**350**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R261AG**
		Dilution Factor: 1		Analysis Time..: 09:23	MDL.....: 47	
Magnesium	**7200**	**23**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R261AH**
		Dilution Factor: 1		Analysis Time..: 09:23	MDL.....: 4.3	

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Bhate Environmental Associates

Client Sample ID: RW42-DP03-10

TOTAL Metals

Lot-Sample #...: D7F120221-021 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	**240 J**	**1.2**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R261AJ**
		Dilution Factor: 1		Analysis Time..: 09:23	MDL.....: 0.12	
Sodium	**2400**	**580**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R261AK**
		Dilution Factor: 1		Analysis Time..: 09:23	MDL.....: 68	
Nickel	**12**	**4.6**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R261AL**
		Dilution Factor: 1		Analysis Time..: 09:23	MDL.....: 0.28	
Lead	**7.3**	**0.92**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R261AM**
		Dilution Factor: 1		Analysis Time..: 09:23	MDL.....: 0.31	
Antimony	ND	1.7	mg/kg	SW846 6010B	06/21-06/23/07	J0R261AN
		Dilution Factor: 1		Analysis Time..: 09:23	MDL.....: 0.44	
Selenium	ND	1.5	mg/kg	SW846 6010B	06/21-06/23/07	J0R261AP
		Dilution Factor: 1		Analysis Time..: 09:23	MDL.....: 0.99	
Thallium	ND	1.4	mg/kg	SW846 6010B	06/21-06/23/07	J0R261AQ
		Dilution Factor: 1		Analysis Time..: 09:23	MDL.....: 0.75	
Vanadium	**31**	**2.3**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R261AR**
		Dilution Factor: 1		Analysis Time..: 09:23	MDL.....: 0.72	
Zinc	**33**	**3.5**	**mg/kg**	**SW846 6010B**	**06/21-06/25/07**	**J0R261AT**
		Dilution Factor: 1		Analysis Time..: 10:19	MDL.....: 1.2	

Prep Batch #...: 7166242

Mercury	**4.0 B**	**38**	**ug/kg**	**SW846 7471A**	**06/19-06/20/07**	**J0R261A2**
		Dilution Factor: 1		Analysis Time..: 00:46	MDL.....: 3.2	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: RW42-DP03-16

TOTAL Metals

Lot-Sample #...: D7F120221-022 **Matrix.....:** SO
Date Sampled...: 06/10/07 15:00 **Date Received..:** 06/12/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7165566						
Silver	ND	1.2	mg/kg	SW846 6010B	06/21-06/23/07	J0R3G1A4
		Dilution Factor: 1		Analysis Time..: 09:29	MDL.....: 0.18	
Aluminum	**10000**	**12**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3G1A5**
		Dilution Factor: 1		Analysis Time..: 09:29	MDL.....: 5.6	
Arsenic	**3.0**	**2.3**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3G1A6**
		Dilution Factor: 1		Analysis Time..: 09:29	MDL.....: 0.76	
Barium	**84**	**1.2**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3G1A7**
		Dilution Factor: 1		Analysis Time..: 09:29	MDL.....: 0.28	
Beryllium	**0.53 B**	**0.58**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3G1A8**
		Dilution Factor: 1		Analysis Time..: 09:29	MDL.....: 0.17	
Calcium	**140000**	**58**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3G1A9**
		Dilution Factor: 1		Analysis Time..: 09:29	MDL.....: 16	
Cadmium	**0.11 B**	**0.58**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3G1AA**
		Dilution Factor: 1		Analysis Time..: 09:29	MDL.....: 0.047	
Cobalt	**4.5**	**1.2**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3G1AC**
		Dilution Factor: 1		Analysis Time..: 09:29	MDL.....: 0.12	
Chromium	**14**	**1.7**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3G1AD**
		Dilution Factor: 1		Analysis Time..: 09:29	MDL.....: 0.46	
Copper	**7.7**	**2.3**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3G1AE**
		Dilution Factor: 1		Analysis Time..: 09:29	MDL.....: 0.65	
Iron	**11000**	**17**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3G1AF**
		Dilution Factor: 1		Analysis Time..: 09:29	MDL.....: 4.4	
Potassium	**2900**	**350**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3G1AG**
		Dilution Factor: 1		Analysis Time..: 09:29	MDL.....: 47	
Magnesium	**4500**	**23**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3G1AH**
		Dilution Factor: 1		Analysis Time..: 09:29	MDL.....: 4.3	

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Bhate Environmental Associates

Client Sample ID: RW42-DP03-16

TOTAL Metals

Lot-Sample #...: D7F120221-022 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	**240 J**	**1.2**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3G1AJ**
		Dilution Factor: 1		Analysis Time..: 09:29	MDL.....: 0.12	
Sodium	**2300**	**580**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3G1AK**
		Dilution Factor: 1		Analysis Time..: 09:29	MDL.....: 68	
Nickel	**9.9**	**4.6**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3G1AL**
		Dilution Factor: 1		Analysis Time..: 09:29	MDL.....: 0.28	
Lead	**6.1**	**0.92**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3G1AM**
		Dilution Factor: 1		Analysis Time..: 09:29	MDL.....: 0.31	
Antimony	ND	1.7	mg/kg	SW846 6010B	06/21-06/23/07	J0R3G1AN
		Dilution Factor: 1		Analysis Time..: 09:29	MDL.....: 0.44	
Selenium	ND	1.5	mg/kg	SW846 6010B	06/21-06/23/07	J0R3G1AP
		Dilution Factor: 1		Analysis Time..: 09:29	MDL.....: 0.99	
Thallium	ND	1.4	mg/kg	SW846 6010B	06/21-06/23/07	J0R3G1AQ
		Dilution Factor: 1		Analysis Time..: 09:29	MDL.....: 0.75	
Vanadium	**25**	**2.3**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3G1AR**
		Dilution Factor: 1		Analysis Time..: 09:29	MDL.....: 0.71	
Zinc	**29**	**3.5**	**mg/kg**	**SW846 6010B**	**06/21-06/25/07**	**J0R3G1AT**
		Dilution Factor: 1		Analysis Time..: 10:24	MDL.....: 1.2	

Prep Batch #...: 7166242

Mercury	**3.6 B**	**38**	**ug/kg**	**SW846 7471A**	**06/19-06/20/07**	**J0R3G1A2**
		Dilution Factor: 1		Analysis Time..: 00:48	MDL.....: 3.2	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: RW42-DP03-24

TOTAL Metals

Lot-Sample #...: D7F120221-023 **Matrix.....:** SO
Date Sampled...: 06/10/07 15:15 **Date Received..:** 06/12/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7165566						
Silver	ND	1.5	mg/kg	SW846 6010B	06/21-06/23/07	J0R3H1A4
		Dilution Factor: 1		Analysis Time..: 09:34	MDL.....: 0.25	
Aluminum	**6000**	**15**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3H1A5**
		Dilution Factor: 1		Analysis Time..: 09:34	MDL.....: 7.5	
Arsenic	**3.2**	**3.1**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3H1A6**
		Dilution Factor: 1		Analysis Time..: 09:34	MDL.....: 1.0	
Barium	**80**	**1.5**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3H1A7**
		Dilution Factor: 1		Analysis Time..: 09:34	MDL.....: 0.37	
Beryllium	**0.36 B**	**0.77**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3H1A8**
		Dilution Factor: 1		Analysis Time..: 09:34	MDL.....: 0.23	
Calcium	**150000**	**77**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3H1A9**
		Dilution Factor: 1		Analysis Time..: 09:34	MDL.....: 22	
Cadmium	**0.10 B**	**0.77**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3H1AA**
		Dilution Factor: 1		Analysis Time..: 09:34	MDL.....: 0.063	
Cobalt	**2.6**	**1.5**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3H1AC**
		Dilution Factor: 1		Analysis Time..: 09:34	MDL.....: 0.15	
Chromium	**7.8**	**2.3**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3H1AD**
		Dilution Factor: 1		Analysis Time..: 09:34	MDL.....: 0.62	
Copper	**4.6**	**3.1**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3H1AE**
		Dilution Factor: 1		Analysis Time..: 09:34	MDL.....: 0.86	
Iron	**7600**	**23**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3H1AF**
		Dilution Factor: 1		Analysis Time..: 09:34	MDL.....: 5.8	
Potassium	**1500**	**460**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3H1AG**
		Dilution Factor: 1		Analysis Time..: 09:34	MDL.....: 63	
Magnesium	**3000**	**31**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3H1AH**
		Dilution Factor: 1		Analysis Time..: 09:34	MDL.....: 5.7	

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Bhate Environmental Associates

Client Sample ID: RW42-DP03-24

TOTAL Metals

Lot-Sample #...: D7F120221-023 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	**140 J**	**1.5**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3H1AJ**
		Dilution Factor: 1		Analysis Time..: 09:34	MDL.....: 0.15	
Sodium	**1800**	**770**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3H1AK**
		Dilution Factor: 1		Analysis Time..: 09:34	MDL.....: 91	
Nickel	**5.7 B**	**6.2**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3H1AL**
		Dilution Factor: 1		Analysis Time..: 09:34	MDL.....: 0.37	
Lead	**4.5**	**1.2**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3H1AM**
		Dilution Factor: 1		Analysis Time..: 09:34	MDL.....: 0.42	
Antimony	ND	2.3	mg/kg	SW846 6010B	06/21-06/23/07	J0R3H1AN
		Dilution Factor: 1		Analysis Time..: 09:34	MDL.....: 0.58	
Selenium	ND	2.0	mg/kg	SW846 6010B	06/21-06/23/07	J0R3H1AP
		Dilution Factor: 1		Analysis Time..: 09:34	MDL.....: 1.3	
Thallium	ND	1.8	mg/kg	SW846 6010B	06/21-06/23/07	J0R3H1AQ
		Dilution Factor: 1		Analysis Time..: 09:34	MDL.....: 1.0	
Vanadium	**18**	**3.1**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3H1AR**
		Dilution Factor: 1		Analysis Time..: 09:34	MDL.....: 0.95	
Zinc	**18**	**4.6**	**mg/kg**	**SW846 6010B**	**06/21-06/25/07**	**J0R3H1AT**
		Dilution Factor: 1		Analysis Time..: 10:30	MDL.....: 1.5	

Prep Batch #...: 7166242

Mercury	ND	51	ug/kg	SW846 7471A	06/19-06/20/07	J0R3H1A2
		Dilution Factor: 1		Analysis Time..: 00:50	MDL.....: 4.3	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: RW42-DP04-10

TOTAL Metals

Lot-Sample #...: D7F120221-024 **Matrix.....:** SO
Date Sampled...: 06/10/07 15:30 **Date Received..:** 06/12/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7165566						
Silver	ND	1.2	mg/kg	SW846 6010B	06/21-06/23/07	J0R3K1A4
		Dilution Factor: 1		Analysis Time..: 09:40	MDL.....: 0.18	
Aluminum	**11000**	**12**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3K1A5**
		Dilution Factor: 1		Analysis Time..: 09:40	MDL.....: 5.6	
Arsenic	**2.6**	**2.3**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3K1A6**
		Dilution Factor: 1		Analysis Time..: 09:40	MDL.....: 0.76	
Barium	**89**	**1.2**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3K1A7**
		Dilution Factor: 1		Analysis Time..: 09:40	MDL.....: 0.28	
Beryllium	**0.50 B**	**0.58**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3K1A8**
		Dilution Factor: 1		Analysis Time..: 09:40	MDL.....: 0.17	
Calcium	**130000**	**58**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3K1A9**
		Dilution Factor: 1		Analysis Time..: 09:40	MDL.....: 16	
Cadmium	**0.18 B**	**0.58**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3K1AA**
		Dilution Factor: 1		Analysis Time..: 09:40	MDL.....: 0.047	
Cobalt	**4.1**	**1.2**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3K1AC**
		Dilution Factor: 1		Analysis Time..: 09:40	MDL.....: 0.12	
Chromium	**13**	**1.7**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3K1AD**
		Dilution Factor: 1		Analysis Time..: 09:40	MDL.....: 0.46	
Copper	**7.1**	**2.3**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3K1AE**
		Dilution Factor: 1		Analysis Time..: 09:40	MDL.....: 0.64	
Iron	**9600**	**17**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3K1AF**
		Dilution Factor: 1		Analysis Time..: 09:40	MDL.....: 4.4	
Potassium	**3000**	**350**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3K1AG**
		Dilution Factor: 1		Analysis Time..: 09:40	MDL.....: 47	
Magnesium	**6100**	**23**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3K1AH**
		Dilution Factor: 1		Analysis Time..: 09:40	MDL.....: 4.3	

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Bhate Environmental Associates

Client Sample ID: RW42-DP04-10

TOTAL Metals

Lot-Sample #...: D7F120221-024 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	**190 J**	**1.2**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3K1AJ**
		Dilution Factor: 1		Analysis Time..: 09:40	MDL.....: 0.12	
Sodium	**2200**	**580**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3K1AK**
		Dilution Factor: 1		Analysis Time..: 09:40	MDL.....: 68	
Nickel	**8.9**	**4.6**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3K1AL**
		Dilution Factor: 1		Analysis Time..: 09:40	MDL.....: 0.28	
Lead	**5.8**	**0.92**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3K1AM**
		Dilution Factor: 1		Analysis Time..: 09:40	MDL.....: 0.31	
Antimony	ND	1.7	mg/kg	SW846 6010B	06/21-06/23/07	J0R3K1AN
		Dilution Factor: 1		Analysis Time..: 09:40	MDL.....: 0.44	
Selenium	ND	1.5	mg/kg	SW846 6010B	06/21-06/23/07	J0R3K1AP
		Dilution Factor: 1		Analysis Time..: 09:40	MDL.....: 0.99	
Thallium	ND	1.4	mg/kg	SW846 6010B	06/21-06/23/07	J0R3K1AQ
		Dilution Factor: 1		Analysis Time..: 09:40	MDL.....: 0.75	
Vanadium	**24**	**2.3**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3K1AR**
		Dilution Factor: 1		Analysis Time..: 09:40	MDL.....: 0.71	
Zinc	**26**	**3.5**	**mg/kg**	**SW846 6010B**	**06/21-06/25/07**	**J0R3K1AT**
		Dilution Factor: 1		Analysis Time..: 10:35	MDL.....: 1.2	

Prep Batch #...: 7166242

Mercury	**8.1 B**	**38**	**ug/kg**	**SW846 7471A**	**06/19-06/20/07**	**J0R3K1A2**
		Dilution Factor: 1		Analysis Time..: 00:57	MDL.....: 3.2	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: RW42-DP04-16

TOTAL Metals

Lot-Sample #...: D7F120221-025 **Matrix.....:** SO
Date Sampled...: 06/10/07 15:45 **Date Received..:** 06/12/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7165566						
Silver	ND	1.2	mg/kg	SW846 6010B	06/21-06/23/07	J0R3N1A4
		Dilution Factor: 1		Analysis Time..: 09:46	MDL.....: 0.19	
Aluminum	**9800**	**12**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3N1A5**
		Dilution Factor: 1		Analysis Time..: 09:46	MDL.....: 5.7	
Arsenic	**2.8**	**2.3**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3N1A6**
		Dilution Factor: 1		Analysis Time..: 09:46	MDL.....: 0.77	
Barium	**88**	**1.2**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3N1A7**
		Dilution Factor: 1		Analysis Time..: 09:46	MDL.....: 0.28	
Beryllium	**0.50 B**	**0.58**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3N1A8**
		Dilution Factor: 1		Analysis Time..: 09:46	MDL.....: 0.17	
Calcium	**140000**	**58**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3N1A9**
		Dilution Factor: 1		Analysis Time..: 09:46	MDL.....: 16	
Cadmium	**0.098 B**	**0.58**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3N1AA**
		Dilution Factor: 1		Analysis Time..: 09:46	MDL.....: 0.048	
Cobalt	**4.0**	**1.2**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3N1AC**
		Dilution Factor: 1		Analysis Time..: 09:46	MDL.....: 0.12	
Chromium	**13**	**1.7**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3N1AD**
		Dilution Factor: 1		Analysis Time..: 09:46	MDL.....: 0.46	
Copper	**6.0**	**2.3**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3N1AE**
		Dilution Factor: 1		Analysis Time..: 09:46	MDL.....: 0.65	
Iron	**11000**	**17**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3N1AF**
		Dilution Factor: 1		Analysis Time..: 09:46	MDL.....: 4.4	
Potassium	**2700**	**350**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3N1AG**
		Dilution Factor: 1		Analysis Time..: 09:46	MDL.....: 48	
Magnesium	**4200**	**23**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3N1AH**
		Dilution Factor: 1		Analysis Time..: 09:46	MDL.....: 4.3	

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Bhate Environmental Associates

Client Sample ID: RW42-DP04-16

TOTAL Metals

Lot-Sample #...: D7F120221-025

Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	**150 J**	**1.2**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3N1AJ**
		Dilution Factor: 1		Analysis Time..: 09:46	MDL.....: 0.12	
Sodium	**2200**	**580**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3N1AK**
		Dilution Factor: 1		Analysis Time..: 09:46	MDL.....: 68	
Nickel	**8.7**	**4.6**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3N1AL**
		Dilution Factor: 1		Analysis Time..: 09:46	MDL.....: 0.28	
Lead	**5.7**	**0.93**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3N1AM**
		Dilution Factor: 1		Analysis Time..: 09:46	MDL.....: 0.31	
Antimony	ND	1.7	mg/kg	SW846 6010B	06/21-06/23/07	J0R3N1AN
		Dilution Factor: 1		Analysis Time..: 09:46	MDL.....: 0.44	
Selenium	ND	1.5	mg/kg	SW846 6010B	06/21-06/23/07	J0R3N1AP
		Dilution Factor: 1		Analysis Time..: 09:46	MDL.....: 1.0	
Thallium	ND	1.4	mg/kg	SW846 6010B	06/21-06/23/07	J0R3N1AQ
		Dilution Factor: 1		Analysis Time..: 09:46	MDL.....: 0.75	
Vanadium	**24**	**2.3**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3N1AR**
		Dilution Factor: 1		Analysis Time..: 09:46	MDL.....: 0.72	
Zinc	**28**	**3.5**	**mg/kg**	**SW846 6010B**	**06/21-06/25/07**	**J0R3N1AT**
		Dilution Factor: 1		Analysis Time..: 10:40	MDL.....: 1.2	

Prep Batch #...: 7166242

Mercury	ND	38	ug/kg	SW846 7471A	06/19-06/20/07	J0R3N1A2
		Dilution Factor: 1		Analysis Time..: 00:59	MDL.....: 3.2	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: RW42-DP04-24

TOTAL Metals

Lot-Sample #...: D7F120221-026 **Matrix.....:** SO
Date Sampled...: 06/10/07 16:00 **Date Received..:** 06/12/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7165566						
Silver	ND	1.1	mg/kg	SW846 6010B	06/21-06/23/07	J0R3R1A4
		Dilution Factor: 1		Analysis Time..: 09:51	MDL.....: 0.18	
Aluminum	**3200**	**11**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3R1A5**
		Dilution Factor: 1		Analysis Time..: 09:51	MDL.....: 5.5	
Arsenic	**1.4 B**	**2.2**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3R1A6**
		Dilution Factor: 1		Analysis Time..: 09:51	MDL.....: 0.74	
Barium	**27**	**1.1**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3R1A7**
		Dilution Factor: 1		Analysis Time..: 09:51	MDL.....: 0.27	
Beryllium	ND	0.56	mg/kg	SW846 6010B	06/21-06/23/07	J0R3R1A8
		Dilution Factor: 1		Analysis Time..: 09:51	MDL.....: 0.17	
Calcium	**160000**	**56**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3R1A9**
		Dilution Factor: 1		Analysis Time..: 09:51	MDL.....: 16	
Cadmium	ND	0.56	mg/kg	SW846 6010B	06/21-06/23/07	J0R3R1AA
		Dilution Factor: 1		Analysis Time..: 09:51	MDL.....: 0.046	
Cobalt	**1.2**	**1.1**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3R1AC**
		Dilution Factor: 1		Analysis Time..: 09:51	MDL.....: 0.11	
Chromium	**4.2**	**1.7**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3R1AD**
		Dilution Factor: 1		Analysis Time..: 09:51	MDL.....: 0.45	
Copper	**2.2**	**2.2**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3R1AE**
		Dilution Factor: 1		Analysis Time..: 09:51	MDL.....: 0.63	
Iron	**3700**	**17**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3R1AF**
		Dilution Factor: 1		Analysis Time..: 09:51	MDL.....: 4.3	
Potassium	**860**	**340**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3R1AG**
		Dilution Factor: 1		Analysis Time..: 09:51	MDL.....: 46	
Magnesium	**1400**	**22**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3R1AH**
		Dilution Factor: 1		Analysis Time..: 09:51	MDL.....: 4.2	

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Bhate Environmental Associates

Client Sample ID: RW42-DP04-24

TOTAL Metals

Lot-Sample #...: D7F120221-026 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	**35 J**	**1.1**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3R1AJ**
		Dilution Factor: 1		Analysis Time..: 09:51	MDL.....: 0.11	
Sodium	**1100**	**560**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3R1AK**
		Dilution Factor: 1		Analysis Time..: 09:51	MDL.....: 66	
Nickel	**2.6 B**	**4.5**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3R1AL**
		Dilution Factor: 1		Analysis Time..: 09:51	MDL.....: 0.27	
Lead	**2.1**	**0.90**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3R1AM**
		Dilution Factor: 1		Analysis Time..: 09:51	MDL.....: 0.30	
Antimony	ND	1.7	mg/kg	SW846 6010B	06/21-06/23/07	J0R3R1AN
		Dilution Factor: 1		Analysis Time..: 09:51	MDL.....: 0.43	
Selenium	ND	1.5	mg/kg	SW846 6010B	06/21-06/23/07	J0R3R1AP
		Dilution Factor: 1		Analysis Time..: 09:51	MDL.....: 0.97	
Thallium	ND	1.3	mg/kg	SW846 6010B	06/21-06/23/07	J0R3R1AQ
		Dilution Factor: 1		Analysis Time..: 09:51	MDL.....: 0.73	
Vanadium	**9.2**	**2.2**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3R1AR**
		Dilution Factor: 1		Analysis Time..: 09:51	MDL.....: 0.70	
Zinc	**11**	**3.4**	**mg/kg**	**SW846 6010B**	**06/21-06/25/07**	**J0R3R1AT**
		Dilution Factor: 1		Analysis Time..: 10:45	MDL.....: 1.1	

Prep Batch #...: 7166242

Mercury	ND	37	ug/kg	SW846 7471A	06/19-06/20/07	J0R3R1A2
		Dilution Factor: 1		Analysis Time..: 01:02	MDL.....: 3.1	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: RW42-DP04-24A

TOTAL Metals

Lot-Sample #...: D7F120221-027 **Matrix.....:** SO
Date Sampled...: 06/10/07 16:00 **Date Received..:** 06/12/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7165566						
Silver	ND	1.1	mg/kg	SW846 6010B	06/21-06/23/07	J0R3T1A4
		Dilution Factor: 1		Analysis Time..: 09:57	MDL.....: 0.18	
Aluminum	**4400**	**11**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3T1A5**
		Dilution Factor: 1		Analysis Time..: 09:57	MDL.....: 5.6	
Arsenic	**1.1 B**	**2.3**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3T1A6**
		Dilution Factor: 1		Analysis Time..: 09:57	MDL.....: 0.76	
Barium	**42**	**1.1**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3T1A7**
		Dilution Factor: 1		Analysis Time..: 09:57	MDL.....: 0.27	
Beryllium	**0.21 B**	**0.57**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3T1A8**
		Dilution Factor: 1		Analysis Time..: 09:57	MDL.....: 0.17	
Calcium	**110000**	**57**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3T1A9**
		Dilution Factor: 1		Analysis Time..: 09:57	MDL.....: 16	
Cadmium	**0.053 B**	**0.57**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3T1AA**
		Dilution Factor: 1		Analysis Time..: 09:57	MDL.....: 0.047	
Cobalt	**2.2**	**1.1**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3T1AC**
		Dilution Factor: 1		Analysis Time..: 09:57	MDL.....: 0.11	
Chromium	**5.6**	**1.7**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3T1AD**
		Dilution Factor: 1		Analysis Time..: 09:57	MDL.....: 0.46	
Copper	**2.5**	**2.3**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3T1AE**
		Dilution Factor: 1		Analysis Time..: 09:57	MDL.....: 0.64	
Iron	**4800**	**17**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3T1AF**
		Dilution Factor: 1		Analysis Time..: 09:57	MDL.....: 4.3	
Potassium	**1200**	**340**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3T1AG**
		Dilution Factor: 1		Analysis Time..: 09:57	MDL.....: 47	
Magnesium	**1900**	**23**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3T1AH**
		Dilution Factor: 1		Analysis Time..: 09:57	MDL.....: 4.2	

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Bhate Environmental Associates

Client Sample ID: RW42-DP04-24A

TOTAL Metals

Lot-Sample #...: D7F120221-027

Matrix.....: SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	**54 J**	**1.1**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3T1AJ**
		Dilution Factor: 1		Analysis Time..: 09:57	MDL.....: 0.11	
Sodium	**1400**	**570**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3T1AK**
		Dilution Factor: 1		Analysis Time..: 09:57	MDL.....: 68	
Nickel	**3.7 B**	**4.6**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3T1AL**
		Dilution Factor: 1		Analysis Time..: 09:57	MDL.....: 0.27	
Lead	**2.7**	**0.92**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3T1AM**
		Dilution Factor: 1		Analysis Time..: 09:57	MDL.....: 0.31	
Antimony	ND	1.7	mg/kg	SW846 6010B	06/21-06/23/07	J0R3T1AN
		Dilution Factor: 1		Analysis Time..: 09:57	MDL.....: 0.43	
Selenium	ND	1.5	mg/kg	SW846 6010B	06/21-06/23/07	J0R3T1AP
		Dilution Factor: 1		Analysis Time..: 09:57	MDL.....: 0.98	
Thallium	ND	1.4	mg/kg	SW846 6010B	06/21-06/23/07	J0R3T1AQ
		Dilution Factor: 1		Analysis Time..: 09:57	MDL.....: 0.74	
Vanadium	**9.7**	**2.3**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R3T1AR**
		Dilution Factor: 1		Analysis Time..: 09:57	MDL.....: 0.71	
Zinc	**12**	**3.4**	**mg/kg**	**SW846 6010B**	**06/21-06/25/07**	**J0R3T1AT**
		Dilution Factor: 1		Analysis Time..: 10:51	MDL.....: 1.1	

Prep Batch #...: 7166242

Mercury	ND	38	ug/kg	SW846 7471A	06/19-06/20/07	J0R3T1A2
		Dilution Factor: 1		Analysis Time..: 01:04	MDL.....: 3.2	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: OT38-DP03-10

TOTAL Metals

Lot-Sample #...: D7F120221-031 **Matrix.....:** SO
Date Sampled...: 06/11/07 08:15 **Date Received..:** 06/12/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7165566						
Silver	ND	1.2	mg/kg	SW846 6010B	06/21-06/23/07	J0R331AK
		Dilution Factor: 1		Analysis Time..: 10:03	MDL.....: 0.20	
Arsenic	ND	2.5	mg/kg	SW846 6010B	06/21-06/23/07	J0R331AL
		Dilution Factor: 1		Analysis Time..: 10:03	MDL.....: 0.82	
Barium	**24**	**1.2**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R331AG**
		Dilution Factor: 1		Analysis Time..: 10:03	MDL.....: 0.30	
Cadmium	ND	0.62	mg/kg	SW846 6010B	06/21-06/23/07	J0R331AH
		Dilution Factor: 1		Analysis Time..: 10:03	MDL.....: 0.051	
Chromium	**2.8**	**1.9**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R331AJ**
		Dilution Factor: 1		Analysis Time..: 10:03	MDL.....: 0.50	
Lead	**2.0**	**0.99**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J0R331AM**
		Dilution Factor: 1		Analysis Time..: 10:03	MDL.....: 0.33	
Selenium	ND	1.6	mg/kg	SW846 6010B	06/21-06/23/07	J0R331AF
		Dilution Factor: 1		Analysis Time..: 10:03	MDL.....: 1.1	
Prep Batch #...: 7166242						
Mercury	ND	41	ug/kg	SW846 7471A	06/19-06/20/07	J0R331AN
		Dilution Factor: 1		Analysis Time..: 01:06	MDL.....: 3.5	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Bhate Environmental Associates

Client Sample ID: SS18-MW02

General Chemistry

Lot-Sample #...: D7F120221-001 **Work Order #...:** J0R0N **Matrix.....:** WG
Date Sampled...: 06/09/07 10:22 **Date Received..:** 06/12/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids	**4300 Q**	**20**	**mg/L**	**MCAWW 160.1**	**06/14/07**	**7165525**

Dilution Factor: 2 Analysis Time..: 15:50 MDL.....: 9.4

NOTE(S):

RL Reporting Limit

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

Bhate Environmental Associates

Client Sample ID: WL-12-03

General Chemistry

Lot-Sample #...: D7F120221-002 **Work Order #...:** J0R0V **Matrix.....:** WG
Date Sampled...: 06/09/07 10:45 **Date Received..:** 06/12/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids	**2400**	**10**	**mg/L**	**MCAWW 160.1**	**06/14/07**	**7165525**

Dilution Factor: 1 Analysis Time..: 15:50 MDL.....: 4.7

Bhate Environmental Associates

Client Sample ID: OT20-MW03

General Chemistry

Lot-Sample #...: D7F120221-005 **Work Order #...:** J0R02 **Matrix.....:** WG
Date Sampled...: 06/10/07 10:23 **Date Received..:** 06/12/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids	**42000 Q**	**1000**	**mg/L**	**MCAWW 160.1**	**06/14/07**	**7165525**

Dilution Factor: 100 Analysis Time..: 15:50 MDL.....: 470

NOTE(S):

RL Reporting Limit

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

Bhate Environmental Associates

Client Sample ID: OT20-MW03-A

General Chemistry

Lot-Sample #...: D7F120221-006 **Work Order #...:** J0R1D **Matrix.....:** WG
Date Sampled...: 06/10/07 10:23 **Date Received..:** 06/12/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids	**45000 Q**	**1000**	**mg/L**	**MCAWW 160.1**	**06/14/07**	**7165525**

Dilution Factor: 100 Analysis Time..: 15:50 MDL.....: 470

NOTE(S):

RL Reporting Limit

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

Bhate Environmental Associates

Client Sample ID: RW42-DP01-10

General Chemistry

Lot-Sample #...: D7F120221-014 **Work Order #...:** J0R2K **Matrix.....:** SO
Date Sampled...: 06/10/07 13:00 **Date Received..:** 06/12/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**12**	**0.10**	**%**	**MCAWW 160.3 MOD**	**06/19/07**	**7170568**
		Dilution Factor: 1		Analysis Time..: 22:00	MDL.....: 0.0	

Bhate Environmental Associates

Client Sample ID: RW42-DP01-16

General Chemistry

Lot-Sample #...: D7F120221-015 **Work Order #...:** J0R2T **Matrix.....:** SO
Date Sampled...: 06/10/07 13:10 **Date Received..:** 06/12/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**8.5**	**0.10**	**%**	**MCAWW 160.3 MOD**	**06/19/07**	**7170568**

Dilution Factor: 1 Analysis Time..: 22:00 MDL.....: 0.0

Bhate Environmental Associates

Client Sample ID: RW42-DP01-24

General Chemistry

Lot-Sample #...: D7F120221-016 **Work Order #...:** J0R2W **Matrix.....:** SO
Date Sampled...: 06/10/07 13:20 **Date Received..:** 06/12/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**16**	**0.10**	**%**	**MCAWW 160.3 MOD**	**06/19/07**	**7170568**

Dilution Factor: 1 Analysis Time..: 22:00 MDL.....: 0.0

Bhate Environmental Associates

Client Sample ID: RW42-DP01-24A

General Chemistry

Lot-Sample #...: D7F120221-017 **Work Order #...:** J0R20 **Matrix.....:** SO
Date Sampled...: 06/10/07 13:20 **Date Received..:** 06/12/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**14**	**0.10**	**%**	**MCAWW 160.3 MOD**	**06/19/07**	**7170568**

Dilution Factor: 1 Analysis Time..: 22:00 MDL.....: 0.0

Bhate Environmental Associates

Client Sample ID: RW42-DP02-10

General Chemistry

Lot-Sample #...: D7F120221-018 **Work Order #...:** J0R21 **Matrix.....:** SO
Date Sampled...: 06/10/07 13:45 **Date Received..:** 06/12/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**7.9**	**0.10**	**%**	**MCAWW 160.3 MOD**	**06/19/07**	**7170568**

Dilution Factor: 1 Analysis Time..: 22:00 MDL.....: 0.0

Bhate Environmental Associates

Client Sample ID: RW42-DP02-16

General Chemistry

Lot-Sample #...: D7F120221-019 **Work Order #...:** J0R24 **Matrix.....:** SO
Date Sampled...: 06/10/07 14:00 **Date Received..:** 06/12/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**11**	**0.10**	**%**	**MCAWW 160.3 MOD**	**06/19/07**	**7170568**

Dilution Factor: 1 Analysis Time..: 22:00 MDL.....: 0.0

Bhate Environmental Associates

Client Sample ID: RW42-DP02-24

General Chemistry

Lot-Sample #...: D7F120221-020 **Work Order #...:** J0R25 **Matrix.....:** SO
Date Sampled...: 06/10/07 14:15 **Date Received..:** 06/12/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**14**	**0.10**	**%**	**MCAWW 160.3 MOD**	**06/19/07**	**7170568**

Dilution Factor: 1 Analysis Time..: 22:00 MDL.....: 0.0

Bhate Environmental Associates

Client Sample ID: RW42-DP03-10

General Chemistry

Lot-Sample #...: D7F120221-021 **Work Order #...:** J0R26 **Matrix.....:** SO
Date Sampled...: 06/10/07 14:45 **Date Received..:** 06/12/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**13**	**0.10**	**%**	**MCAWW 160.3 MOD**	**06/19/07**	**7170568**

Dilution Factor: 1 Analysis Time..: 22:00 MDL.....: 0.0

Bhate Environmental Associates

Client Sample ID: RW42-DP03-16

General Chemistry

Lot-Sample #...: D7F120221-022 **Work Order #...:** J0R3G **Matrix.....:** SO
Date Sampled...: 06/10/07 15:00 **Date Received..:** 06/12/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**13**	**0.10**	**%**	**MCAWW 160.3 MOD**	**06/19/07**	**7170568**

Dilution Factor: 1 Analysis Time..: 22:00 MDL.....: 0.0

Bhate Environmental Associates

Client Sample ID: RW42-DP03-24

General Chemistry

Lot-Sample #...: D7F120221-023 **Work Order #...:** J0R3H **Matrix.....:** SO
Date Sampled...: 06/10/07 15:15 **Date Received..:** 06/12/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**35**	**0.10**	**%**	**MCAWW 160.3 MOD**	**06/19/07**	**7170568**

Dilution Factor: 1 Analysis Time..: 22:00 MDL.....: 0.0

Bhate Environmental Associates

Client Sample ID: RW42-DP04-10

General Chemistry

Lot-Sample #...: D7F120221-024 **Work Order #...:** J0R3K **Matrix.....:** SO
Date Sampled...: 06/10/07 15:30 **Date Received..:** 06/12/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**13**	**0.10**	**%**	**MCAWW 160.3 MOD**	**06/19/07**	**7170568**

Dilution Factor: 1 Analysis Time..: 22:00 MDL.....: 0.0

Bhate Environmental Associates

Client Sample ID: RW42-DP04-16

General Chemistry

Lot-Sample #...: D7F120221-025 **Work Order #...:** J0R3N **Matrix.....:** SO
Date Sampled...: 06/10/07 15:45 **Date Received..:** 06/12/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**14**	**0.10**	**%**	**MCAWW 160.3 MOD**	**06/19/07**	**7170568**

Dilution Factor: 1 Analysis Time..: 22:00 MDL.....: 0.0

Bhate Environmental Associates

Client Sample ID: RW42-DP04-24

General Chemistry

Lot-Sample #...: D7F120221-026 **Work Order #...:** J0R3R **Matrix.....:** SO
Date Sampled...: 06/10/07 16:00 **Date Received..:** 06/12/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**11**	**0.10**	**%**	**MCAWW 160.3 MOD**	**06/19/07**	**7170568**

Dilution Factor: 1 Analysis Time..: 22:00 MDL.....: 0.0

Bhate Environmental Associates

Client Sample ID: RW42-DP04-24A

General Chemistry

Lot-Sample #...: D7F120221-027 **Work Order #...:** J0R3T **Matrix.....:** SO
Date Sampled...: 06/10/07 16:00 **Date Received..:** 06/12/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**13**	**0.10**	**%**	**MCAWW 160.3 MOD**	**06/19/07**	**7170568**

Dilution Factor: 1 Analysis Time..: 22:00 MDL.....: 0.0

Bhate Environmental Associates

Client Sample ID: OT38-DP03-10

General Chemistry

Lot-Sample #...: D7F120221-031 **Work Order #...:** J0R33 **Matrix.....:** SO
Date Sampled...: 06/11/07 08:15 **Date Received..:** 06/12/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**19**	**0.10**	**%**	**MCAWW 160.3 MOD**	**06/19/07**	**7170568**
		Dilution Factor: 1		Analysis Time..: 22:00	MDL.....: 0.0	

Bhate Environmental Associates

Client Sample ID: OT37-DP09-2

General Chemistry

Lot-Sample #...: D7F120221-032 **Work Order #...:** J0R4F **Matrix.....:** SO
Date Sampled...: 06/11/07 08:45 **Date Received..:** 06/12/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**16**	**0.10**	**%**	**MCAWW 160.3 MOD**	**06/19/07**	**7170568**

Dilution Factor: 1 Analysis Time..: 22:00 MDL.....: 0.0

Bhate Environmental Associates

Client Sample ID: OT37-DP09-10

General Chemistry

Lot-Sample #...: D7F120221-033 **Work Order #...:** J0R4M **Matrix.....:** SO
Date Sampled...: 06/11/07 08:50 **Date Received..:** 06/12/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**17**	**0.10**	**%**	**MCAWW 160.3 MOD**	**06/19/07**	**7170568**

Dilution Factor: 1 Analysis Time..: 22:00 MDL.....: 0.0

Bhate Environmental Associates

Client Sample ID: OT37-DP10-2

General Chemistry

Lot-Sample #...: D7F120221-034 **Work Order #...:** J0R4P **Matrix.....:** SO
Date Sampled...: 06/11/07 09:00 **Date Received..:** 06/12/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**20**	**0.10**	**%**	**MCAWW 160.3 MOD**	**06/19/07**	**7170568**

Dilution Factor: 1 Analysis Time..: 22:00 MDL.....: 0.0

Bhate Environmental Associates

Client Sample ID: OT37-DP10-10

General Chemistry

Lot-Sample #...: D7F120221-035 **Work Order #...:** J0R4T **Matrix.....:** SO
Date Sampled...: 06/11/07 09:05 **Date Received..:** 06/12/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**14**	**0.10**	**%**	**MCAWW 160.3 MOD**	**06/19/07**	**7170568**

Dilution Factor: 1 Analysis Time..: 22:00 MDL.....: 0.0

Bhate Environmental Associates

Client Sample ID: RW42-DP01-10

Severn Trent Laboratories - Radiochemistry

Lab Sample ID:	D7F120221-014	Date Collected:	06/10/07 1300
Work Order:	J0R2K	Date Received:	06/12/07 0830
Matrix:	SO		

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	RL	MDC	Prep Date	Analysis Date
TRITIUM (Distill) by EPA 906.0 MOD				**pCi/g**		**Batch # 7168029**	**Yld %**
Tritium	0.04	U	0.10	1.00	0.18	06/18/07	06/22/07

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.
Bold results are greater than the MDC

U Result is less than the sample detection limit.

Bhate Environmental Associates

Client Sample ID: RW42-DP01-10 DUP

Severn Trent Laboratories - Radiochemistry

Lab Sample ID:	D7F120221-014X	Date Collected:	06/10/07 1300
Work Order:	J0R2K	Date Received:	06/12/07 0830
Matrix:	SO		

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	RL	MDC	Prep Date	Analysis Date
TRITIUM (Distill) by EPA 906.0 MOD				**pCi/g**		**Batch # 7168029**	**Yld %**
Tritium	0.12	U	0.12	1.00	0.18	06/18/07	06/22/07

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.
Bold results are greater than the MDC

U Result is less than the sample detection limit.

Bhate Environmental Associates

Client Sample ID: RW42-DP01-16

Severn Trent Laboratories - Radiochemistry

Lab Sample ID: D7F120221-015
Work Order: J0R2T
Matrix: SO

Date Collected: 06/10/07 1310
Date Received: 06/12/07 0830

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	RL	MDC	Prep Date	Analysis Date
TRITIUM (Distill) by EPA 906.0 MOD				**pCi/g**		**Batch # 7168029**	**Yld %**
Tritium	0.13	U	0.12	1.00	0.18	06/18/07	06/22/07

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.
Bold results are greater than the MDC

U Result is less than the sample detection limit.

Bhate Environmental Associates

Client Sample ID: RW42-DP01-24

Severn Trent Laboratories - Radiochemistry

Lab Sample ID:	D7F120221-016	Date Collected:	06/10/07 1320
Work Order:	J0R2W	Date Received:	06/12/07 0830
Matrix:	SO		

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	RL	MDC	Prep Date	Analysis Date
TRITIUM (Distill) by EPA 906.0 MOD				pCi/g		Batch # 7168029	Yld %
Tritium	0.20	J	0.14	1.00	0.19	06/18/07	06/22/07

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.
Bold results are greater than the MDC

J Result is greater than sample detection limit but less than stated reporting limit.

Bhate Environmental Associates

Client Sample ID: RW42-DP01-24A

Severn Trent Laboratories - Radiochemistry

Lab Sample ID: D7F120221-017
Work Order: J0R20
Matrix: SO

Date Collected: 06/10/07 1320
Date Received: 06/12/07 0830

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	RL	MDC	Prep Date	Analysis Date
TRITIUM (Distill) by EPA 906.0 MOD				**pCi/g**		**Batch # 7168029**	**Yld %**
Tritium	0.16	U	0.13	1.00	0.19	06/18/07	06/22/07

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.
Bold results are greater than the MDC

U Result is less than the sample detection limit.

Bhate Environmental Associates

Client Sample ID: RW42-DP02-10

Severn Trent Laboratories - Radiochemistry

Lab Sample ID: D7F120221-018
Work Order: J0R21
Matrix: SO

Date Collected: 06/10/07 1345
Date Received: 06/12/07 0830

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	RL	MDC	Prep Date	Analysis Date
TRITIUM (Distill) by EPA 906.0 MOD				**pCi/g**		**Batch # 7168029**	**Yld %**
Tritium	-0.059	U	0.073	1.00	0.18	06/18/07	06/22/07

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.
Bold results are greater than the MDC

U Result is less than the sample detection limit.

Bhate Environmental Associates

Client Sample ID: RW42-DP02-16

Severn Trent Laboratories - Radiochemistry

Lab Sample ID:	D7F120221-019	Date Collected:	06/10/07 1400
Work Order:	J0R24	Date Received:	06/12/07 0830
Matrix:	SO		

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	RL	MDC	Prep Date	Analysis Date
TRITIUM (Distill) by EPA 906.0 MOD				**pCi/g**		**Batch # 7168029**	**Yld %**
Tritium	0.011	U	0.094	1.00	0.18	06/18/07	06/22/07

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.
Bold results are greater than the MDC

U Result is less than the sample detection limit.

Bhate Environmental Associates

Client Sample ID: RW42-DP02-24

Severn Trent Laboratories - Radiochemistry

Lab Sample ID: D7F120221-020
Work Order: J0R25
Matrix: SO

Date Collected: 06/10/07 1415
Date Received: 06/12/07 0830

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	RL	MDC	Prep Date	Analysis Date
TRITIUM (Distill) by EPA 906.0 MOD				**pCi/g**		**Batch # 7168029**	**Yld %**
Tritium	0.05	U	0.11	1.00	0.19	06/18/07	06/22/07

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.
Bold results are greater than the MDC

U Result is less than the sample detection limit.

Bhate Environmental Associates

Client Sample ID: RW42-DP03-10

Severn Trent Laboratories - Radiochemistry

Lab Sample ID:	D7F120221-021	Date Collected:	06/10/07 1445
Work Order:	J0R26	Date Received:	06/12/07 0830
Matrix:	SO		

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	RL	MDC	Prep Date	Analysis Date
TRITIUM (Distill) by EPA 906.0 MOD				**pCi/g**		**Batch # 7168029**	**Yld %**
Tritium	-0.024	U	0.088	1.00	0.18	06/18/07	06/22/07

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.
Bold results are greater than the MDC

U Result is less than the sample detection limit.

Bhate Environmental Associates

Client Sample ID: RW42-DP03-16

Severn Trent Laboratories - Radiochemistry

Lab Sample ID: D7F120221-022
Work Order: J0R3G
Matrix: SO

Date Collected: 06/10/07 1500
Date Received: 06/12/07 0830

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	RL	MDC	Prep Date	Analysis Date
TRITIUM (Distill) by EPA 906.0 MOD				**pCi/g**		**Batch # 7168029**	**Yld %**
Tritium	0.012	U	0.095	1.00	0.19	06/18/07	06/22/07

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.
Bold results are greater than the MDC

U Result is less than the sample detection limit.

Bhate Environmental Associates

Client Sample ID: RW42-DP03-24

Severn Trent Laboratories - Radiochemistry

Lab Sample ID: D7F120221-023
Work Order: J0R3H
Matrix: SO

Date Collected: 06/10/07 1515
Date Received: 06/12/07 0830

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	RL	MDC	Prep Date	Analysis Date
TRITIUM (Distill) by EPA 906.0 MOD				**pCi/g**		**Batch # 7168029**	**Yld %**
Tritium	0.07	U	0.12	1.00	0.21	06/18/07	06/22/07

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.
Bold results are greater than the MDC

U Result is less than the sample detection limit.

Bhate Environmental Associates

Client Sample ID: RW42-DP04-10

Severn Trent Laboratories - Radiochemistry

Lab Sample ID:	D7F120221-024	Date Collected:	06/10/07 1530
Work Order:	J0R3K	Date Received:	06/12/07 0830
Matrix:	SO		

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	RL	MDC	Prep Date	Analysis Date
TRITIUM (Distill) by EPA 906.0 MOD				**pCi/g**		**Batch # 7168029**	**Yld %**
Tritium	0.03	U	0.11	1.00	0.19	06/18/07	06/22/07

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.
Bold results are greater than the MDC

U Result is less than the sample detection limit.

Bhate Environmental Associates

Client Sample ID: RW42-DP04-16

Severn Trent Laboratories - Radiochemistry

Lab Sample ID: D7F120221-025
Work Order: J0R3N
Matrix: SO

Date Collected: 06/10/07 1545
Date Received: 06/12/07 0830

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	RL	MDC	Prep Date	Analysis Date
TRITIUM (Distill) by EPA 906.0 MOD				**pCi/g**		**Batch # 7168029**	**Yld %**
Tritium	0.06	U	0.11	1.00	0.19	06/18/07	06/22/07

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.
Bold results are greater than the MDC

U Result is less than the sample detection limit.

Bhate Environmental Associates

Client Sample ID: RW42-DP04-24

Severn Trent Laboratories - Radiochemistry

Lab Sample ID:	D7F120221-026	Date Collected:	06/10/07 1600
Work Order:	J0R3R	Date Received:	06/12/07 0830
Matrix:	SO		

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	RL	MDC	Prep Date	Analysis Date
TRITIUM (Distill) by EPA 906.0 MOD				**pCi/g**		**Batch # 7168029**	**Yld %**
Tritium	-0.013	U	0.088	1.00	0.18	06/18/07	06/22/07

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.
Bold results are greater than the MDC

U Result is less than the sample detection limit.

Bhate Environmental Associates

Client Sample ID: RW42-DP04-24A

Severn Trent Laboratories - Radiochemistry

Lab Sample ID: D7F120221-027
Work Order: J0R3T
Matrix: SO

Date Collected: 06/10/07 1600
Date Received: 06/12/07 0830

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	RL	MDC	Prep Date	Analysis Date
TRITIUM (Distill) by EPA 906.0 MOD				**pCi/g**		**Batch # 7168029**	**Yld %**
Tritium	0.08	U	0.11	1.00	0.19	06/18/07	06/22/07

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.
Bold results are greater than the MDC

U Result is less than the sample detection limit.

QC DATA ASSOCIATION SUMMARY

D7F120221

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WG	MCAWW 160.1		7165525	7169274
	WG	SW846 7470A		7166218	7166145
	WG	SW846 8260B		7176173	
	WG	SW846 8270C		7165172	7165082
	WG	SW846 6010B		7165634	7165401
002	WG	MCAWW 160.1		7165525	7169274
	WG	SW846 7470A		7166218	7166145
	WG	SW846 8260B		7176173	
	WG	SW846 8270C		7165172	7165082
	WG	SW846 6010B		7165634	7165401
003	WQ	SW846 8260B		7176173	
004	WQ	SW846 8260B		7176173	
005	WG	MCAWW 160.1		7165525	7169274
	WG	SW846 7470A		7166218	7166145
	WG	SW846 8082		7163431	7163246
	WG	SW846 8081A		7163433	7163248
	WG	SW846 8260B		7176174	7176212
	WG	SW846 8270C		7165172	7165082
	WG	SW846 6010B		7165634	7165401
	WG	SW846 8151A		7166379	7166236
006	WG	MCAWW 160.1		7165525	7169274
	WG	SW846 7470A		7166218	7166145
	WG	SW846 8082		7163431	7163246
	WG	SW846 8081A		7163433	7163248
	WG	SW846 8260B		7176174	7176212
	WG	SW846 8270C		7165172	7165082
	WG	SW846 6010B		7165634	7165401
	WG	SW846 8151A		7166379	7166236
007	WG	SW846 8260B		7176174	7176212
008	WG	SW846 8260B		7176174	7176212
009	WG	SW846 7470A		7166218	7166145
	WG	SW846 6010B		7165634	7165401

(Continued on next page)

QC DATA ASSOCIATION SUMMARY

D7F120221

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
010	WQ	SW846 8260B		7176174	7176212
011	WQ	SW846 8260B		7176174	7176212
012	WQ	SW846 8260B		7176174	7176212
013	WQ	SW846 8260B		7176174	7176212
014	SO	SW846 8015B		7165573	7165345
	SO	SW846 8015B		7172257	7172188
	SO	SW846 7471A		7166242	7166156
	SO	SW846 8260B		7170404	7176224
	SO	SW846 8270C		7166011	7166006
	SO	SW846 6010B		7165566	7165343
	SO	MCAWW 160.3 MOD		7170568	7170363
	SO	EPA 906.0 MOD		7168029	7168026
015	SO	SW846 8015B		7165573	7165345
	SO	SW846 8015B		7172257	7172188
	SO	SW846 7471A		7166242	7166156
	SO	SW846 8260B		7170404	7176224
	SO	SW846 8270C		7166011	7166006
	SO	SW846 6010B		7165566	7165343
	SO	MCAWW 160.3 MOD		7170568	7170363
	SO	EPA 906.0 MOD		7168029	7168026
016	SO	SW846 8015B		7165573	7165345
	SO	SW846 8015B		7172467	7172332
	SO	SW846 7471A		7166242	7166156
	SO	SW846 8260B		7170404	7176224
	SO	SW846 8270C		7166011	7166006
	SO	SW846 6010B		7165566	7165343
	SO	MCAWW 160.3 MOD		7170568	7170363
	SO	EPA 906.0 MOD		7168029	7168026
017	SO	SW846 8015B		7165573	7165345
	SO	SW846 8015B		7172467	7172332
	SO	SW846 7471A		7166242	7166156
	SO	SW846 8260B		7170404	7176224
	SO	SW846 8270C		7166011	7166006
	SO	SW846 6010B		7165566	7165343
	SO	MCAWW 160.3 MOD		7170568	7170363
	SO	EPA 906.0 MOD		7168029	7168026

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QC DATA ASSOCIATION SUMMARY

D7F120221

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
018	SO	SW846 8015B		7165573	7165345
	SO	SW846 8015B		7172467	7172332
	SO	SW846 7471A		7166242	7166156
	SO	SW846 8260B		7170404	7176224
	SO	SW846 8270C		7166011	7166006
	SO	SW846 6010B		7165566	7165343
	SO	MCAWW 160.3 MOD		7170568	7170363
	SO	EPA 906.0 MOD		7168029	7168026
019	SO	SW846 8015B		7165573	7165345
	SO	SW846 8015B		7172467	7172332
	SO	SW846 7471A		7166242	7166156
	SO	SW846 8260B		7170404	7176224
	SO	SW846 8270C		7166011	7166006
	SO	SW846 6010B		7165566	7165343
	SO	MCAWW 160.3 MOD		7170568	7170363
	SO	EPA 906.0 MOD		7168029	7168026
020	SO	SW846 8015B		7165573	7165345
	SO	SW846 8015B		7172467	7172332
	SO	SW846 7471A		7166242	7166156
	SO	SW846 8260B		7170404	7176224
	SO	SW846 8270C		7166011	7166006
	SO	SW846 6010B		7165566	7165343
	SO	MCAWW 160.3 MOD		7170568	7170363
	SO	EPA 906.0 MOD		7168029	7168026
021	SO	SW846 8015B		7165573	7165345
	SO	SW846 8015B		7172467	7172332
	SO	SW846 7471A		7166242	7166156
	SO	SW846 8260B		7170404	7176224
	SO	SW846 8270C		7166011	7166006
	SO	SW846 6010B		7165566	7165343
	SO	MCAWW 160.3 MOD		7170568	7170363
	SO	EPA 906.0 MOD		7168029	7168026
022	SO	SW846 8015B		7165573	7165345
	SO	SW846 8015B		7172467	7172332
	SO	SW846 7471A		7166242	7166156
	SO	SW846 8260B		7170404	7176224
	SO	SW846 8270C		7166011	7166006
	SO	SW846 6010B		7165566	7165343
	SO	MCAWW 160.3 MOD		7170568	7170363

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QC DATA ASSOCIATION SUMMARY

D7F120221

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
022	SO	EPA 906.0 MOD		7168029	7168026
023	SO	SW846 8015B		7165573	7165345
	SO	SW846 8015B		7172467	7172332
	SO	SW846 7471A		7166242	7166156
	SO	SW846 8260B		7170404	7176224
	SO	SW846 8270C		7166011	7166006
	SO	SW846 6010B		7165566	7165343
	SO	MCAWW 160.3 MOD		7170568	7170363
	SO	EPA 906.0 MOD		7168029	7168026
024	SO	SW846 8015B		7165573	7165345
	SO	SW846 8015B		7172467	7172332
	SO	SW846 7471A		7166242	7166156
	SO	SW846 8260B		7170404	7176224
	SO	SW846 8270C		7166011	7166006
	SO	SW846 6010B		7165566	7165343
	SO	MCAWW 160.3 MOD		7170568	7170363
	SO	EPA 906.0 MOD		7168029	7168026
025	SO	SW846 8015B		7165573	7165345
	SO	SW846 8015B		7172467	7172332
	SO	SW846 7471A		7166242	7166156
	SO	SW846 8260B		7170404	7176224
	SO	SW846 8270C		7166011	7166006
	SO	SW846 8270C		7176488	7176303
	SO	SW846 6010B		7165566	7165343
	SO	MCAWW 160.3 MOD		7170568	7170363
	SO	EPA 906.0 MOD		7168029	7168026
026	SO	SW846 8015B		7165573	7165345
	SO	SW846 8015B		7172467	7172332
	SO	SW846 7471A		7166242	7166156
	SO	SW846 8260B		7170404	7176224
	SO	SW846 8270C		7166011	7166006
	SO	SW846 6010B		7165566	7165343
	SO	MCAWW 160.3 MOD		7170568	7170363
	SO	EPA 906.0 MOD		7168029	7168026
027	SO	SW846 8015B		7165573	7165345
	SO	SW846 8015B		7172467	7172332
	SO	SW846 7471A		7166242	7166156
	SO	SW846 8260B		7170404	7176224

(Continued on next page)

QC DATA ASSOCIATION SUMMARY

D7F120221

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
027	SO	SW846 8270C		7166011	7166006
	SO	SW846 6010B		7165566	7165343
	SO	MCAWW 160.3 MOD		7170568	7170363
	SO	EPA 906.0 MOD		7168029	7168026
028	WQ	SW846 8260B		7176174	7176212
029	WQ	SW846 8260B		7176174	7176212
030	WQ	SW846 8260B		7176174	7176212
031	SO	SW846 8015B		7165573	7165345
	SO	SW846 8015B		7172467	7172332
	SO	SW846 7471A		7166242	7166156
	SO	SW846 8082		7166130	7166077
	SO	SW846 8081A		7166133	7166078
	SO	SW846 8260B		7170404	7176224
	SO	SW846 8270C		7166011	7166006
	SO	SW846 6010B		7165566	7165343
	SO	MCAWW 160.3 MOD		7170568	7170363
032	SO	SW846 8015B		7165573	7165345
	SO	SW846 8015B		7172467	7172332
	SO	SW846 8082		7166130	7166077
	SO	MCAWW 160.3 MOD		7170568	7170363
033	SO	SW846 8015B		7165573	7165345
	SO	SW846 8015B		7172467	7172332
	SO	SW846 8082		7166130	7166077
	SO	MCAWW 160.3 MOD		7170568	7170363
034	SO	SW846 8015B		7165573	7165345
	SO	SW846 8015B		7172467	7172332
	SO	SW846 8082		7166130	7166077
	SO	MCAWW 160.3 MOD		7170568	7170363
035	SO	SW846 8015B		7165573	7165345
	SO	SW846 8015B		7172467	7172332
	SO	SW846 8082		7166130	7166077
	SO	MCAWW 160.3 MOD		7170568	7170363

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QC DATA ASSOCIATION SUMMARY

D7F120221

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
036	WQ	SW846 8260B		7176174	7176212

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: D7F120221 **Work Order #...:** J1QFM1AA **Matrix.....:** SOLID
MB Lot-Sample #: D7F190000-404

Prep Date.....: 06/12/07 **Analysis Time..:** 15:27

Analysis Date..: 06/18/07 **Prep Batch #...:** 7170404
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	20	ug/kg	SW846 8260B
Benzene	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Bromomethane	ND	10	ug/kg	SW846 8260B
2-Butanone (MEK)	ND	20	ug/kg	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Chloroethane	ND	10	ug/kg	SW846 8260B
Chloroform	ND	10	ug/kg	SW846 8260B
Chloromethane	ND	10	ug/kg	SW846 8260B
Dibromomethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromoethane (EDB)	ND	5.0	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dichlorodifluoromethane	ND	10	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethene (total)	ND	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	2.5	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	2.5	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
2-Hexanone	ND	20	ug/kg	SW846 8260B
Methylene chloride	ND	5.0	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	20	ug/kg	SW846 8260B
Styrene	ND	5.0	ug/kg	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: D7F120221 **Work Order #...:** J1QFM1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Trichlorofluoromethane	ND	10	ug/kg	SW846 8260B
1,2,3-Trichloropropane	ND	5.0	ug/kg	SW846 8260B
Vinyl chloride	ND	5.0	ug/kg	SW846 8260B
Xylenes (total)	ND	5.0	ug/kg	SW846 8260B
n-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
sec-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
n-Propylbenzene	ND	5.0	ug/kg	SW846 8260B
tert-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B
2-Chlorotoluene	ND	5.0	ug/kg	SW846 8260B
4-Chlorotoluene	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	ND	10	ug/kg	SW846 8260B
1,3-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
2,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
Hexachlorobutadiene	ND	5.0	ug/kg	SW846 8260B
4-Isopropyltoluene	ND	5.0	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	20	ug/kg	SW846 8260B
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	SW846 8260B
m-Xylene & p-Xylene	ND	2.5	ug/kg	SW846 8260B
o-Xylene	ND	2.5	ug/kg	SW846 8260B
Bromobenzene	ND	5.0	ug/kg	SW846 8260B
Bromochloromethane	ND	5.0	ug/kg	SW846 8260B
Naphthalene	**0.75 J**	**5.0**	**ug/kg**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	103	(75 - 121)
1,2-Dichloroethane-d4	93	(58 - 140)
4-Bromofluorobenzene	103	(76 - 127)
Toluene-d8	100	(80 - 126)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: D7F120221 **Work Order #...:** J1Q871AA **Matrix.....:** WATER
MB Lot-Sample #: D7F250000-173

Prep Date.....: 06/23/07 **Analysis Time..:** 09:50
Analysis Date..: 06/23/07 **Prep Batch #...:** 7176173
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	10	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	2.0	ug/L	SW846 8260B
2-Butanone (MEK)	ND	6.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	2.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	2.0	ug/L	SW846 8260B
Dibromomethane	ND	1.0	ug/L	SW846 8260B
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	2.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethene (total)	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	5.0	ug/L	SW846 8260B
Methylene chloride	ND	5.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	5.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
1,2,4-Trichloro-benzene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: D7F120221 **Work Order #...:** J1Q871AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Trichlorofluoromethane	ND	2.0	ug/L	SW846 8260B
1,2,3-Trichloropropane	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	2.0	ug/L	SW846 8260B
n-Butylbenzene	ND	1.0	ug/L	SW846 8260B
sec-Butylbenzene	ND	1.0	ug/L	SW846 8260B
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
1,3,5-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
n-Propylbenzene	ND	1.0	ug/L	SW846 8260B
tert-Butylbenzene	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
2-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
4-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	SW846 8260B
1,3-Dichloropropane	ND	1.0	ug/L	SW846 8260B
2,2-Dichloropropane	ND	5.0	ug/L	SW846 8260B
1,1-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Hexachlorobutadiene	ND	1.0	ug/L	SW846 8260B
4-Isopropyltoluene	ND	1.0	ug/L	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/L	SW846 8260B
1,2,3-Trichlorobenzene	ND	1.0	ug/L	SW846 8260B
m-Xylene & p-Xylene	ND	2.0	ug/L	SW846 8260B
o-Xylene	ND	1.0	ug/L	SW846 8260B
Bromobenzene	ND	1.0	ug/L	SW846 8260B
Bromochloromethane	ND	1.0	ug/L	SW846 8260B
Naphthalene	ND	1.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	93	(77 - 119)
1,2-Dichloroethane-d4	88	(70 - 127)
4-Bromofluorobenzene	98	(78 - 118)
Toluene-d8	102	(83 - 125)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

ND: The analyte was analyzed for, but not detected.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: D7F120221 **Work Order #...:** J1QEP1AA **Matrix.....:** WATER
MB Lot-Sample #: D7F250000-174

Prep Date.....: 06/24/07 **Analysis Time..:** 12:26

Analysis Date..: 06/24/07 **Prep Batch #...:** 7176174
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	10	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	2.0	ug/L	SW846 8260B
2-Butanone (MEK)	ND	6.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	2.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	2.0	ug/L	SW846 8260B
Dibromomethane	ND	1.0	ug/L	SW846 8260B
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	2.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethene (total)	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	5.0	ug/L	SW846 8260B
Methylene chloride	ND	5.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	5.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
1,2,4-Trichloro-benzene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: D7F120221 **Work Order #...:** J1QEP1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Trichlorofluoromethane	ND	2.0	ug/L	SW846 8260B
1,2,3-Trichloropropane	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	2.0	ug/L	SW846 8260B
n-Butylbenzene	ND	1.0	ug/L	SW846 8260B
sec-Butylbenzene	ND	1.0	ug/L	SW846 8260B
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
1,3,5-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
n-Propylbenzene	ND	1.0	ug/L	SW846 8260B
tert-Butylbenzene	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
2-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
4-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	SW846 8260B
1,3-Dichloropropane	ND	1.0	ug/L	SW846 8260B
2,2-Dichloropropane	ND	5.0	ug/L	SW846 8260B
1,1-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Hexachlorobutadiene	ND	1.0	ug/L	SW846 8260B
4-Isopropyltoluene	ND	1.0	ug/L	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/L	SW846 8260B
1,2,3-Trichlorobenzene	ND	1.0	ug/L	SW846 8260B
m-Xylene & p-Xylene	ND	2.0	ug/L	SW846 8260B
o-Xylene	ND	1.0	ug/L	SW846 8260B
Bromobenzene	ND	1.0	ug/L	SW846 8260B
Bromochloromethane	ND	1.0	ug/L	SW846 8260B
Naphthalene	ND	1.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	92	(77 - 119)
1,2-Dichloroethane-d4	89	(70 - 127)
4-Bromofluorobenzene	101	(78 - 118)
Toluene-d8	100	(83 - 125)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

ND: The analyte was analyzed for, but not detected.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7F120221 **Work Order #...:** J1QFM1AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7F190000-404
Prep Date.....: 06/12/07 **Analysis Date..:** 06/18/07
Prep Batch #...: 7170404 **Analysis Time..:** 13:58
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Acetone	73	(45 - 184)	SW846 8260B
Benzene	95	(76 - 116)	SW846 8260B
Bromodichloromethane	94	(74 - 125)	SW846 8260B
Bromoform	120 a	(75 - 115)	SW846 8260B
Bromomethane	91	(40 - 149)	SW846 8260B
2-Butanone (MEK)	81	(58 - 150)	SW846 8260B
Carbon tetrachloride	92	(69 - 147)	SW846 8260B
Chlorobenzene	96	(74 - 114)	SW846 8260B
Chloroethane	85	(51 - 155)	SW846 8260B
Chloroform	94	(77 - 125)	SW846 8260B
Chloromethane	82	(47 - 148)	SW846 8260B
Dibromomethane	104	(77 - 117)	SW846 8260B
1,2-Dibromoethane (EDB)	97	(75 - 115)	SW846 8260B
1,2-Dichlorobenzene	102	(72 - 112)	SW846 8260B
1,3-Dichlorobenzene	106	(74 - 114)	SW846 8260B
1,4-Dichlorobenzene	97	(73 - 113)	SW846 8260B
Dichlorodifluoromethane	86	(42 - 178)	SW846 8260B
1,1-Dichloroethane	90	(74 - 114)	SW846 8260B
1,2-Dichloroethane	89	(62 - 142)	SW846 8260B
1,1-Dichloroethene	99	(77 - 143)	SW846 8260B
1,2-Dichloroethene (total)	98	(80 - 120)	SW846 8260B
cis-1,2-Dichloroethene	99	(75 - 115)	SW846 8260B
trans-1,2-Dichloroethene	97	(82 - 127)	SW846 8260B
1,2-Dichloropropane	95	(74 - 114)	SW846 8260B
cis-1,3-Dichloropropene	102	(77 - 117)	SW846 8260B
trans-1,3-Dichloropropene	93	(71 - 120)	SW846 8260B
Ethylbenzene	92	(78 - 118)	SW846 8260B
2-Hexanone	79	(58 - 136)	SW846 8260B
Methylene chloride	100	(76 - 116)	SW846 8260B
4-Methyl-2-pentanone	77	(62 - 130)	SW846 8260B
Styrene	113	(77 - 117)	SW846 8260B
1,1,1,2-Tetrachloroethane	96	(76 - 116)	SW846 8260B
1,1,2,2-Tetrachloroethane	93	(68 - 119)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7F120221 **Work Order #...:** J1QFM1AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7F190000-404

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Tetrachloroethene	92	(71 - 111)	SW846 8260B
Toluene	91	(72 - 113)	SW846 8260B
1,2,4-Trichloro-benzene	107	(73 - 116)	SW846 8260B
1,1,1-Trichloroethane	93	(67 - 143)	SW846 8260B
1,1,2-Trichloroethane	96	(69 - 109)	SW846 8260B
Trichloroethene	99	(78 - 118)	SW846 8260B
Trichlorofluoromethane	92	(50 - 155)	SW846 8260B
1,2,3-Trichloropropane	87	(72 - 122)	SW846 8260B
Vinyl chloride	84	(45 - 148)	SW846 8260B
Xylenes (total)	99	(77 - 117)	SW846 8260B
n-Butylbenzene	92	(66 - 130)	SW846 8260B
sec-Butylbenzene	96	(79 - 128)	SW846 8260B
Isopropylbenzene	97	(71 - 111)	SW846 8260B
1,2,4-Trimethylbenzene	98	(78 - 126)	SW846 8260B
1,3,5-Trimethylbenzene	94	(77 - 125)	SW846 8260B
n-Propylbenzene	93	(79 - 120)	SW846 8260B
tert-Butylbenzene	95	(77 - 124)	SW846 8260B
Carbon disulfide	74	(49 - 121)	SW846 8260B
Dibromochloromethane	96	(74 - 114)	SW846 8260B
2-Chlorotoluene	101	(80 - 120)	SW846 8260B
4-Chlorotoluene	95	(77 - 117)	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	101	(60 - 120)	SW846 8260B
1,3-Dichloropropane	92	(72 - 112)	SW846 8260B
2,2-Dichloropropane	87	(64 - 144)	SW846 8260B
1,1-Dichloropropene	90	(76 - 123)	SW846 8260B
Hexachlorobutadiene	107	(69 - 125)	SW846 8260B
4-Isopropyltoluene	93	(73 - 118)	SW846 8260B
Methyl tert-butyl ether	100	(69 - 129)	SW846 8260B
1,2,3-Trichlorobenzene	106	(69 - 113)	SW846 8260B
m-Xylene & p-Xylene	95	(77 - 117)	SW846 8260B
o-Xylene	107	(77 - 117)	SW846 8260B
Bromobenzene	97	(74 - 114)	SW846 8260B
Bromochloromethane	101	(77 - 117)	SW846 8260B
Naphthalene	103	(65 - 113)	SW846 8260B
Vinyl acetate	96	(79 - 185)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7F120221 **Work Order #...:** J1QFM1AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7F190000-404

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
2-Pentanone	**86**	**(43 - 143)**	**SW846 8260B**
2-Chloroethyl vinyl ether	**117**	**(48 - 144)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	100	(75 - 121)
1,2-Dichloroethane-d4	93	(58 - 140)
4-Bromofluorobenzene	116	(76 - 127)
Toluene-d8	106	(80 - 126)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7F120221 **Work Order #...:** J1QFM1AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7F190000-404
Prep Date.....: 06/12/07 **Analysis Date..:** 06/18/07
Prep Batch #...: 7170404 **Analysis Time..:** 13:58
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Acetone	100	73.3	ug/kg	73	SW846 8260B
Benzene	50.0	47.3	ug/kg	95	SW846 8260B
Bromodichloromethane	50.0	47.2	ug/kg	94	SW846 8260B
Bromoform	50.0	60.0 a	ug/kg	120	SW846 8260B
Bromomethane	50.0	45.4	ug/kg	91	SW846 8260B
2-Butanone (MEK)	100	80.7	ug/kg	81	SW846 8260B
Carbon tetrachloride	50.0	46.1	ug/kg	92	SW846 8260B
Chlorobenzene	50.0	48.0	ug/kg	96	SW846 8260B
Chloroethane	50.0	42.5	ug/kg	85	SW846 8260B
Chloroform	50.0	46.8	ug/kg	94	SW846 8260B
Chloromethane	50.0	40.8	ug/kg	82	SW846 8260B
Dibromomethane	50.0	52.1	ug/kg	104	SW846 8260B
1,2-Dibromoethane (EDB)	50.0	48.5	ug/kg	97	SW846 8260B
1,2-Dichlorobenzene	50.0	50.9	ug/kg	102	SW846 8260B
1,3-Dichlorobenzene	50.0	52.9	ug/kg	106	SW846 8260B
1,4-Dichlorobenzene	50.0	48.4	ug/kg	97	SW846 8260B
Dichlorodifluoromethane	50.0	43.1	ug/kg	86	SW846 8260B
1,1-Dichloroethane	50.0	45.2	ug/kg	90	SW846 8260B
1,2-Dichloroethane	50.0	44.6	ug/kg	89	SW846 8260B
1,1-Dichloroethene	50.0	49.3	ug/kg	99	SW846 8260B
1,2-Dichloroethene (total)	100	98.3	ug/kg	98	SW846 8260B
cis-1,2-Dichloroethene	50.0	49.7	ug/kg	99	SW846 8260B
trans-1,2-Dichloroethene	50.0	48.6	ug/kg	97	SW846 8260B
1,2-Dichloropropane	50.0	47.7	ug/kg	95	SW846 8260B
cis-1,3-Dichloropropene	50.0	51.2	ug/kg	102	SW846 8260B
trans-1,3-Dichloropropene	50.0	46.4	ug/kg	93	SW846 8260B
Ethylbenzene	50.0	46.1	ug/kg	92	SW846 8260B
2-Hexanone	100	78.8	ug/kg	79	SW846 8260B
Methylene chloride	50.0	49.8	ug/kg	100	SW846 8260B
4-Methyl-2-pentanone	100	76.7	ug/kg	77	SW846 8260B
Styrene	50.0	56.7	ug/kg	113	SW846 8260B
1,1,1,2-Tetrachloroethane	50.0	48.0	ug/kg	96	SW846 8260B
1,1,2,2-Tetrachloroethane	50.0	46.6	ug/kg	93	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7F120221 **Work Order #...:** J1QFM1AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7F190000-404

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Tetrachloroethene	50.0	45.8	ug/kg	92	SW846 8260B
Toluene	50.0	45.7	ug/kg	91	SW846 8260B
1,2,4-Trichloro-benzene	50.0	53.4	ug/kg	107	SW846 8260B
1,1,1-Trichloroethane	50.0	46.3	ug/kg	93	SW846 8260B
1,1,2-Trichloroethane	50.0	48.1	ug/kg	96	SW846 8260B
Trichloroethene	50.0	49.5	ug/kg	99	SW846 8260B
Trichlorofluoromethane	50.0	45.9	ug/kg	92	SW846 8260B
1,2,3-Trichloropropane	50.0	43.5	ug/kg	87	SW846 8260B
Vinyl chloride	50.0	42.1	ug/kg	84	SW846 8260B
Xylenes (total)	150	148	ug/kg	99	SW846 8260B
n-Butylbenzene	50.0	45.9	ug/kg	92	SW846 8260B
sec-Butylbenzene	50.0	47.8	ug/kg	96	SW846 8260B
Isopropylbenzene	50.0	48.7	ug/kg	97	SW846 8260B
1,2,4-Trimethylbenzene	50.0	48.8	ug/kg	98	SW846 8260B
1,3,5-Trimethylbenzene	50.0	46.9	ug/kg	94	SW846 8260B
n-Propylbenzene	50.0	46.5	ug/kg	93	SW846 8260B
tert-Butylbenzene	50.0	47.6	ug/kg	95	SW846 8260B
Carbon disulfide	50.0	37.1	ug/kg	74	SW846 8260B
Dibromochloromethane	50.0	47.8	ug/kg	96	SW846 8260B
2-Chlorotoluene	50.0	50.7	ug/kg	101	SW846 8260B
4-Chlorotoluene	50.0	47.3	ug/kg	95	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	50.0	50.6	ug/kg	101	SW846 8260B
1,3-Dichloropropane	50.0	46.0	ug/kg	92	SW846 8260B
2,2-Dichloropropane	50.0	43.4	ug/kg	87	SW846 8260B
1,1-Dichloropropene	50.0	45.0	ug/kg	90	SW846 8260B
Hexachlorobutadiene	50.0	53.4	ug/kg	107	SW846 8260B
4-Isopropyltoluene	50.0	46.6	ug/kg	93	SW846 8260B
Methyl tert-butyl ether	100	100	ug/kg	100	SW846 8260B
1,2,3-Trichlorobenzene	50.0	53.2	ug/kg	106	SW846 8260B
m-Xylene & p-Xylene	100	94.9	ug/kg	95	SW846 8260B
o-Xylene	50.0	53.3	ug/kg	107	SW846 8260B
Bromobenzene	50.0	48.7	ug/kg	97	SW846 8260B
Bromochloromethane	50.0	50.6	ug/kg	101	SW846 8260B
Naphthalene	50.0	51.5	ug/kg	103	SW846 8260B
Vinyl acetate	50.0	48.2	ug/kg	96	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7F120221 **Work Order #...:** J1QFM1AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7F190000-404

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
2-Pentanone	**100**	**86.0**	**ug/kg**	**86**	**SW846 8260B**
2-Chloroethyl vinyl ether	**50.0**	**58.5**	**ug/kg**	**117**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	100	(75 - 121)
1,2-Dichloroethane-d4	93	(58 - 140)
4-Bromofluorobenzene	116	(76 - 127)
Toluene-d8	106	(80 - 126)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7F120221 **Work Order #...:** J1Q871AC **Matrix.....:** WATER
LCS Lot-Sample#: D7F250000-173
Prep Date.....: 06/23/07 **Analysis Date..:** 06/23/07
Prep Batch #...: 7176173 **Analysis Time..:** 09:12
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Acetone	51	(48 - 130)	SW846 8260B
Benzene	81	(77 - 118)	SW846 8260B
Bromodichloromethane	86	(78 - 118)	SW846 8260B
Bromoform	101	(74 - 121)	SW846 8260B
Bromomethane	116	(42 - 154)	SW846 8260B
2-Butanone (MEK)	77	(57 - 120)	SW846 8260B
Carbon tetrachloride	97	(80 - 120)	SW846 8260B
Chlorobenzene	103	(78 - 118)	SW846 8260B
Chloroethane	106	(51 - 133)	SW846 8260B
Chloroform	91	(78 - 118)	SW846 8260B
Chloromethane	120	(46 - 142)	SW846 8260B
Dibromomethane	93	(77 - 117)	SW846 8260B
1,2-Dibromoethane (EDB)	103	(77 - 117)	SW846 8260B
1,2-Dichlorobenzene	94	(76 - 116)	SW846 8260B
1,3-Dichlorobenzene	97	(75 - 115)	SW846 8260B
1,4-Dichlorobenzene	98	(77 - 117)	SW846 8260B
Dichlorodifluoromethane	121	(56 - 140)	SW846 8260B
1,1-Dichloroethane	91	(77 - 117)	SW846 8260B
1,2-Dichloroethane	90	(74 - 120)	SW846 8260B
1,1-Dichloroethene	100	(68 - 133)	SW846 8260B
1,2-Dichloroethene (total)	92	(78 - 118)	SW846 8260B
cis-1,2-Dichloroethene	88	(75 - 115)	SW846 8260B
trans-1,2-Dichloroethene	97	(80 - 120)	SW846 8260B
1,2-Dichloropropane	86	(76 - 116)	SW846 8260B
cis-1,3-Dichloropropene	101	(76 - 116)	SW846 8260B
trans-1,3-Dichloropropene	101	(72 - 117)	SW846 8260B
Ethylbenzene	109	(78 - 118)	SW846 8260B
2-Hexanone	86	(57 - 121)	SW846 8260B
Methylene chloride	92	(71 - 119)	SW846 8260B
4-Methyl-2-pentanone	91	(65 - 118)	SW846 8260B
Styrene	103	(77 - 117)	SW846 8260B
1,1,1,2-Tetrachloroethane	96	(77 - 117)	SW846 8260B
1,1,2,2-Tetrachloroethane	100	(73 - 119)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7F120221 **Work Order #...:** J1Q871AC **Matrix.....:** WATER
LCS Lot-Sample#: D7F250000-173

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Tetrachloroethene	102	(77 - 117)	SW846 8260B
Toluene	109	(73 - 120)	SW846 8260B
1,2,4-Trichloro-benzene	86	(73 - 121)	SW846 8260B
1,1,1-Trichloroethane	100	(78 - 118)	SW846 8260B
1,1,2-Trichloroethane	102	(76 - 116)	SW846 8260B
Trichloroethene	79	(78 - 122)	SW846 8260B
Trichlorofluoromethane	120	(63 - 135)	SW846 8260B
1,2,3-Trichloropropane	105	(72 - 120)	SW846 8260B
Vinyl chloride	111	(49 - 136)	SW846 8260B
Xylenes (total)	107	(77 - 117)	SW846 8260B
n-Butylbenzene	104	(76 - 117)	SW846 8260B
sec-Butylbenzene	97	(80 - 120)	SW846 8260B
Isopropylbenzene	97	(71 - 111)	SW846 8260B
1,2,4-Trimethylbenzene	113	(77 - 117)	SW846 8260B
1,3,5-Trimethylbenzene	113	(77 - 117)	SW846 8260B
n-Propylbenzene	106	(76 - 116)	SW846 8260B
tert-Butylbenzene	104	(76 - 116)	SW846 8260B
Carbon disulfide	68	(56 - 104)	SW846 8260B
Dibromochloromethane	93	(76 - 116)	SW846 8260B
2-Chlorotoluene	100	(76 - 116)	SW846 8260B
4-Chlorotoluene	100	(78 - 118)	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	81	(65 - 117)	SW846 8260B
1,3-Dichloropropane	98	(75 - 115)	SW846 8260B
2,2-Dichloropropane	95	(72 - 128)	SW846 8260B
1,1-Dichloropropene	90	(75 - 115)	SW846 8260B
Hexachlorobutadiene	80	(73 - 123)	SW846 8260B
4-Isopropyltoluene	92	(76 - 113)	SW846 8260B
Methyl tert-butyl ether	84	(58 - 116)	SW846 8260B
1,2,3-Trichlorobenzene	86	(66 - 123)	SW846 8260B
m-Xylene & p-Xylene	109	(78 - 118)	SW846 8260B
o-Xylene	103	(77 - 117)	SW846 8260B
Bromobenzene	106	(75 - 115)	SW846 8260B
Bromochloromethane	78	(78 - 118)	SW846 8260B
Naphthalene	70	(62 - 121)	SW846 8260B
Vinyl acetate	76	(63 - 124)	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7F120221 **Work Order #...:** J1Q871AC **Matrix.....:** WATER
LCS Lot-Sample#: D7F250000-173

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
2-Pentanone	**87**	**(42 - 115)**	**SW846 8260B**
2-Chloroethyl vinyl ether	**100**	**(17 - 150)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	90	(77 - 119)
1,2-Dichloroethane-d4	84	(70 - 127)
4-Bromofluorobenzene	104	(78 - 118)
Toluene-d8	104	(83 - 125)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7F120221 **Work Order #...:** J1Q871AC **Matrix.....:** WATER
LCS Lot-Sample#: D7F250000-173
Prep Date.....: 06/23/07 **Analysis Date..:** 06/23/07
Prep Batch #...: 7176173 **Analysis Time..:** 09:12
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Acetone	10.0	5.07	ug/L	51	SW846 8260B
Benzene	5.00	4.04	ug/L	81	SW846 8260B
Bromodichloromethane	5.00	4.28	ug/L	86	SW846 8260B
Bromoform	5.00	5.05	ug/L	101	SW846 8260B
Bromomethane	5.00	5.81	ug/L	116	SW846 8260B
2-Butanone (MEK)	10.0	7.66	ug/L	77	SW846 8260B
Carbon tetrachloride	5.00	4.85	ug/L	97	SW846 8260B
Chlorobenzene	5.00	5.13	ug/L	103	SW846 8260B
Chloroethane	5.00	5.30	ug/L	106	SW846 8260B
Chloroform	5.00	4.53	ug/L	91	SW846 8260B
Chloromethane	5.00	6.02	ug/L	120	SW846 8260B
Dibromomethane	5.00	4.63	ug/L	93	SW846 8260B
1,2-Dibromoethane (EDB)	5.00	5.17	ug/L	103	SW846 8260B
1,2-Dichlorobenzene	5.00	4.72	ug/L	94	SW846 8260B
1,3-Dichlorobenzene	5.00	4.87	ug/L	97	SW846 8260B
1,4-Dichlorobenzene	5.00	4.89	ug/L	98	SW846 8260B
Dichlorodifluoromethane	5.00	6.05	ug/L	121	SW846 8260B
1,1-Dichloroethane	5.00	4.57	ug/L	91	SW846 8260B
1,2-Dichloroethane	5.00	4.48	ug/L	90	SW846 8260B
1,1-Dichloroethene	5.00	5.02	ug/L	100	SW846 8260B
1,2-Dichloroethene (total)	10.0	9.24	ug/L	92	SW846 8260B
cis-1,2-Dichloroethene	5.00	4.40	ug/L	88	SW846 8260B
trans-1,2-Dichloroethene	5.00	4.83	ug/L	97	SW846 8260B
1,2-Dichloropropane	5.00	4.28	ug/L	86	SW846 8260B
cis-1,3-Dichloropropene	5.00	5.06	ug/L	101	SW846 8260B
trans-1,3-Dichloropropene	5.00	5.03	ug/L	101	SW846 8260B
Ethylbenzene	5.00	5.46	ug/L	109	SW846 8260B
2-Hexanone	10.0	8.57	ug/L	86	SW846 8260B
Methylene chloride	5.00	4.59	ug/L	92	SW846 8260B
4-Methyl-2-pentanone	10.0	9.12	ug/L	91	SW846 8260B
Styrene	5.00	5.13	ug/L	103	SW846 8260B
1,1,1,2-Tetrachloroethane	5.00	4.79	ug/L	96	SW846 8260B
1,1,2,2-Tetrachloroethane	5.00	5.01	ug/L	100	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7F120221 **Work Order #...:** J1Q871AC **Matrix.....:** WATER
LCS Lot-Sample#: D7F250000-173

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Tetrachloroethene	5.00	5.12	ug/L	102	SW846 8260B
Toluene	5.00	5.46	ug/L	109	SW846 8260B
1,2,4-Trichloro-benzene	5.00	4.28	ug/L	86	SW846 8260B
1,1,1-Trichloroethane	5.00	5.00	ug/L	100	SW846 8260B
1,1,2-Trichloroethane	5.00	5.11	ug/L	102	SW846 8260B
Trichloroethene	5.00	3.97	ug/L	79	SW846 8260B
Trichlorofluoromethane	5.00	6.02	ug/L	120	SW846 8260B
1,2,3-Trichloropropane	5.00	5.26	ug/L	105	SW846 8260B
Vinyl chloride	5.00	5.57	ug/L	111	SW846 8260B
Xylenes (total)	15.0	16.1	ug/L	107	SW846 8260B
n-Butylbenzene	5.00	5.20	ug/L	104	SW846 8260B
sec-Butylbenzene	5.00	4.85	ug/L	97	SW846 8260B
Isopropylbenzene	5.00	4.87	ug/L	97	SW846 8260B
1,2,4-Trimethylbenzene	5.00	5.66	ug/L	113	SW846 8260B
1,3,5-Trimethylbenzene	5.00	5.67	ug/L	113	SW846 8260B
n-Propylbenzene	5.00	5.30	ug/L	106	SW846 8260B
tert-Butylbenzene	5.00	5.21	ug/L	104	SW846 8260B
Carbon disulfide	5.00	3.39	ug/L	68	SW846 8260B
Dibromochloromethane	5.00	4.65	ug/L	93	SW846 8260B
2-Chlorotoluene	5.00	5.02	ug/L	100	SW846 8260B
4-Chlorotoluene	5.00	5.02	ug/L	100	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	5.00	4.04	ug/L	81	SW846 8260B
1,3-Dichloropropane	5.00	4.90	ug/L	98	SW846 8260B
2,2-Dichloropropane	5.00	4.74	ug/L	95	SW846 8260B
1,1-Dichloropropene	5.00	4.51	ug/L	90	SW846 8260B
Hexachlorobutadiene	5.00	3.98	ug/L	80	SW846 8260B
4-Isopropyltoluene	5.00	4.59	ug/L	92	SW846 8260B
Methyl tert-butyl ether	10.0	8.37	ug/L	84	SW846 8260B
1,2,3-Trichlorobenzene	5.00	4.29	ug/L	86	SW846 8260B
m-Xylene & p-Xylene	10.0	10.9	ug/L	109	SW846 8260B
o-Xylene	5.00	5.17	ug/L	103	SW846 8260B
Bromobenzene	5.00	5.28	ug/L	106	SW846 8260B
Bromochloromethane	5.00	3.88	ug/L	78	SW846 8260B
Naphthalene	5.00	3.48	ug/L	70	SW846 8260B
Vinyl acetate	5.00	3.79	ug/L	76	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7F120221 **Work Order #...:** J1Q871AC **Matrix.....:** WATER
LCS Lot-Sample#: D7F250000-173

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
2-Pentanone	**10.0**	**8.70**	**ug/L**	**87**	**SW846 8260B**
2-Chloroethyl vinyl ether	**5.00**	**4.99**	**ug/L**	**100**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	90	(77 - 119)
1,2-Dichloroethane-d4	84	(70 - 127)
4-Bromofluorobenzene	104	(78 - 118)
Toluene-d8	104	(83 - 125)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7F120221 **Work Order #...:** J1QEP1AC **Matrix.....:** WATER
LCS Lot-Sample#: D7F250000-174
Prep Date.....: 06/24/07 **Analysis Date..:** 06/24/07
Prep Batch #...: 7176174 **Analysis Time..:** 11:48
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Acetone	82	(48 - 130)	SW846 8260B
Benzene	87	(77 - 118)	SW846 8260B
Bromodichloromethane	94	(78 - 118)	SW846 8260B
Bromoform	110	(74 - 121)	SW846 8260B
Bromomethane	94	(42 - 154)	SW846 8260B
2-Butanone (MEK)	99	(57 - 120)	SW846 8260B
Carbon tetrachloride	103	(80 - 120)	SW846 8260B
Chlorobenzene	106	(78 - 118)	SW846 8260B
Chloroethane	93	(51 - 133)	SW846 8260B
Chloroform	98	(78 - 118)	SW846 8260B
Chloromethane	93	(46 - 142)	SW846 8260B
Dibromomethane	103	(77 - 117)	SW846 8260B
1,2-Dibromoethane (EDB)	106	(77 - 117)	SW846 8260B
1,2-Dichlorobenzene	95	(76 - 116)	SW846 8260B
1,3-Dichlorobenzene	97	(75 - 115)	SW846 8260B
1,4-Dichlorobenzene	98	(77 - 117)	SW846 8260B
Dichlorodifluoromethane	102	(56 - 140)	SW846 8260B
1,1-Dichloroethane	99	(77 - 117)	SW846 8260B
1,2-Dichloroethane	99	(74 - 120)	SW846 8260B
1,1-Dichloroethene	109	(68 - 133)	SW846 8260B
1,2-Dichloroethene (total)	102	(78 - 118)	SW846 8260B
cis-1,2-Dichloroethene	101	(75 - 115)	SW846 8260B
trans-1,2-Dichloroethene	104	(80 - 120)	SW846 8260B
1,2-Dichloropropane	94	(76 - 116)	SW846 8260B
cis-1,3-Dichloropropene	108	(76 - 116)	SW846 8260B
trans-1,3-Dichloropropene	105	(72 - 117)	SW846 8260B
Ethylbenzene	114	(78 - 118)	SW846 8260B
2-Hexanone	99	(57 - 121)	SW846 8260B
Methylene chloride	91	(71 - 119)	SW846 8260B
4-Methyl-2-pentanone	103	(65 - 118)	SW846 8260B
Styrene	106	(77 - 117)	SW846 8260B
1,1,1,2-Tetrachloroethane	102	(77 - 117)	SW846 8260B
1,1,2,2-Tetrachloroethane	109	(73 - 119)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7F120221 **Work Order #...:** J1QEP1AC **Matrix.....:** WATER
LCS Lot-Sample#: D7F250000-174

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Tetrachloroethene	108	(77 - 117)	SW846 8260B
Toluene	112	(73 - 120)	SW846 8260B
1,2,4-Trichloro-benzene	80	(73 - 121)	SW846 8260B
1,1,1-Trichloroethane	110	(78 - 118)	SW846 8260B
1,1,2-Trichloroethane	108	(76 - 116)	SW846 8260B
Trichloroethene	83	(78 - 122)	SW846 8260B
Trichlorofluoromethane	112	(63 - 135)	SW846 8260B
1,2,3-Trichloropropane	105	(72 - 120)	SW846 8260B
Vinyl chloride	95	(49 - 136)	SW846 8260B
Xylenes (total)	113	(77 - 117)	SW846 8260B
n-Butylbenzene	100	(76 - 117)	SW846 8260B
sec-Butylbenzene	97	(80 - 120)	SW846 8260B
Isopropylbenzene	99	(71 - 111)	SW846 8260B
1,2,4-Trimethylbenzene	115	(77 - 117)	SW846 8260B
1,3,5-Trimethylbenzene	117	(77 - 117)	SW846 8260B
n-Propylbenzene	102	(76 - 116)	SW846 8260B
tert-Butylbenzene	102	(76 - 116)	SW846 8260B
Carbon disulfide	74	(56 - 104)	SW846 8260B
Dibromochloromethane	96	(76 - 116)	SW846 8260B
2-Chlorotoluene	104	(76 - 116)	SW846 8260B
4-Chlorotoluene	99	(78 - 118)	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	84	(65 - 117)	SW846 8260B
1,3-Dichloropropane	105	(75 - 115)	SW846 8260B
2,2-Dichloropropane	104	(72 - 128)	SW846 8260B
1,1-Dichloropropene	93	(75 - 115)	SW846 8260B
Hexachlorobutadiene	75	(73 - 123)	SW846 8260B
4-Isopropyltoluene	94	(76 - 113)	SW846 8260B
Methyl tert-butyl ether	94	(58 - 116)	SW846 8260B
1,2,3-Trichlorobenzene	78	(66 - 123)	SW846 8260B
m-Xylene & p-Xylene	116	(78 - 118)	SW846 8260B
o-Xylene	107	(77 - 117)	SW846 8260B
Bromobenzene	105	(75 - 115)	SW846 8260B
Bromochloromethane	81	(78 - 118)	SW846 8260B
Naphthalene	62	(62 - 121)	SW846 8260B
Vinyl acetate	85	(63 - 124)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7F120221 **Work Order #...:** J1QEP1AC **Matrix.....:** WATER
LCS Lot-Sample#: D7F250000-174

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
2-Pentanone	**95**	**(42 - 115)**	**SW846 8260B**
2-Chloroethyl vinyl ether	**105**	**(17 - 150)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	93	(77 - 119)
1,2-Dichloroethane-d4	88	(70 - 127)
4-Bromofluorobenzene	102	(78 - 118)
Toluene-d8	103	(83 - 125)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7F120221 **Work Order #...:** J1QEP1AC **Matrix.....:** WATER
LCS Lot-Sample#: D7F250000-174
Prep Date.....: 06/24/07 **Analysis Date..:** 06/24/07
Prep Batch #...: 7176174 **Analysis Time..:** 11:48
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Acetone	10.0	8.23	ug/L	82	SW846 8260B
Benzene	5.00	4.36	ug/L	87	SW846 8260B
Bromodichloromethane	5.00	4.71	ug/L	94	SW846 8260B
Bromoform	5.00	5.48	ug/L	110	SW846 8260B
Bromomethane	5.00	4.72	ug/L	94	SW846 8260B
2-Butanone (MEK)	10.0	9.90	ug/L	99	SW846 8260B
Carbon tetrachloride	5.00	5.14	ug/L	103	SW846 8260B
Chlorobenzene	5.00	5.32	ug/L	106	SW846 8260B
Chloroethane	5.00	4.65	ug/L	93	SW846 8260B
Chloroform	5.00	4.90	ug/L	98	SW846 8260B
Chloromethane	5.00	4.63	ug/L	93	SW846 8260B
Dibromomethane	5.00	5.17	ug/L	103	SW846 8260B
1,2-Dibromoethane (EDB)	5.00	5.28	ug/L	106	SW846 8260B
1,2-Dichlorobenzene	5.00	4.75	ug/L	95	SW846 8260B
1,3-Dichlorobenzene	5.00	4.85	ug/L	97	SW846 8260B
1,4-Dichlorobenzene	5.00	4.88	ug/L	98	SW846 8260B
Dichlorodifluoromethane	5.00	5.10	ug/L	102	SW846 8260B
1,1-Dichloroethane	5.00	4.97	ug/L	99	SW846 8260B
1,2-Dichloroethane	5.00	4.96	ug/L	99	SW846 8260B
1,1-Dichloroethene	5.00	5.45	ug/L	109	SW846 8260B
1,2-Dichloroethene (total)	10.0	10.2	ug/L	102	SW846 8260B
cis-1,2-Dichloroethene	5.00	5.04	ug/L	101	SW846 8260B
trans-1,2-Dichloroethene	5.00	5.21	ug/L	104	SW846 8260B
1,2-Dichloropropane	5.00	4.71	ug/L	94	SW846 8260B
cis-1,3-Dichloropropene	5.00	5.39	ug/L	108	SW846 8260B
trans-1,3-Dichloropropene	5.00	5.27	ug/L	105	SW846 8260B
Ethylbenzene	5.00	5.72	ug/L	114	SW846 8260B
2-Hexanone	10.0	9.87	ug/L	99	SW846 8260B
Methylene chloride	5.00	4.56	ug/L	91	SW846 8260B
4-Methyl-2-pentanone	10.0	10.3	ug/L	103	SW846 8260B
Styrene	5.00	5.29	ug/L	106	SW846 8260B
1,1,1,2-Tetrachloroethane	5.00	5.11	ug/L	102	SW846 8260B
1,1,2,2-Tetrachloroethane	5.00	5.46	ug/L	109	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7F120221 Work Order #...: J1QEP1AC Matrix.....: WATER
LCS Lot-Sample#: D7F250000-174

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Tetrachloroethene	5.00	5.38	ug/L	108	SW846 8260B
Toluene	5.00	5.60	ug/L	112	SW846 8260B
1,2,4-Trichloro-benzene	5.00	4.00	ug/L	80	SW846 8260B
1,1,1-Trichloroethane	5.00	5.50	ug/L	110	SW846 8260B
1,1,2-Trichloroethane	5.00	5.39	ug/L	108	SW846 8260B
Trichloroethene	5.00	4.14	ug/L	83	SW846 8260B
Trichlorofluoromethane	5.00	5.62	ug/L	112	SW846 8260B
1,2,3-Trichloropropane	5.00	5.25	ug/L	105	SW846 8260B
Vinyl chloride	5.00	4.76	ug/L	95	SW846 8260B
Xylenes (total)	15.0	16.9	ug/L	113	SW846 8260B
n-Butylbenzene	5.00	4.98	ug/L	100	SW846 8260B
sec-Butylbenzene	5.00	4.86	ug/L	97	SW846 8260B
Isopropylbenzene	5.00	4.97	ug/L	99	SW846 8260B
1,2,4-Trimethylbenzene	5.00	5.74	ug/L	115	SW846 8260B
1,3,5-Trimethylbenzene	5.00	5.84	ug/L	117	SW846 8260B
n-Propylbenzene	5.00	5.08	ug/L	102	SW846 8260B
tert-Butylbenzene	5.00	5.09	ug/L	102	SW846 8260B
Carbon disulfide	5.00	3.69	ug/L	74	SW846 8260B
Dibromochloromethane	5.00	4.79	ug/L	96	SW846 8260B
2-Chlorotoluene	5.00	5.20	ug/L	104	SW846 8260B
4-Chlorotoluene	5.00	4.93	ug/L	99	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	5.00	4.22	ug/L	84	SW846 8260B
1,3-Dichloropropane	5.00	5.23	ug/L	105	SW846 8260B
2,2-Dichloropropane	5.00	5.20	ug/L	104	SW846 8260B
1,1-Dichloropropene	5.00	4.63	ug/L	93	SW846 8260B
Hexachlorobutadiene	5.00	3.73	ug/L	75	SW846 8260B
4-Isopropyltoluene	5.00	4.71	ug/L	94	SW846 8260B
Methyl tert-butyl ether	10.0	9.42	ug/L	94	SW846 8260B
1,2,3-Trichlorobenzene	5.00	3.92	ug/L	78	SW846 8260B
m-Xylene & p-Xylene	10.0	11.6	ug/L	116	SW846 8260B
o-Xylene	5.00	5.33	ug/L	107	SW846 8260B
Bromobenzene	5.00	5.25	ug/L	105	SW846 8260B
Bromochloromethane	5.00	4.07	ug/L	81	SW846 8260B
Naphthalene	5.00	3.08	ug/L	62	SW846 8260B
Vinyl acetate	5.00	4.26	ug/L	85	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7F120221 **Work Order #...:** J1QEP1AC **Matrix.....:** WATER
LCS Lot-Sample#: D7F250000-174

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
2-Pentanone	**10.0**	**9.52**	**ug/L**	**95**	**SW846 8260B**
2-Chloroethyl vinyl ether	**5.00**	**5.27**	**ug/L**	**105**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	93	(77 - 119)
1,2-Dichloroethane-d4	88	(70 - 127)
4-Bromofluorobenzene	102	(78 - 118)
Toluene-d8	103	(83 - 125)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7F120221 **Work Order #...:** J0R251D2-MS **Matrix.....:** SO
MS Lot-Sample #: D7F120221-020 J0R251D3-MSD
Date Sampled...: 06/10/07 14:15 **Date Received..:** 06/12/07
Prep Date.....: 06/12/07 **Analysis Date..:** 06/18/07
Prep Batch #...: 7170404 **Analysis Time..:** 18:45
Dilution Factor: 1.16

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acetone	81	(45 - 184)			SW846 8260B
	82	(45 - 184)	13	(0-28)	SW846 8260B
Benzene	86	(76 - 116)			SW846 8260B
	85	(76 - 116)	15	(0-20)	SW846 8260B
Bromodichloromethane	89	(74 - 125)			SW846 8260B
	88	(74 - 125)	16	(0-20)	SW846 8260B
Bromoform	104	(75 - 115)			SW846 8260B
	97 p	(75 - 115)	22	(0-20)	SW846 8260B
Bromomethane	81	(40 - 149)			SW846 8260B
	84	(40 - 149)	12	(0-22)	SW846 8260B
2-Butanone (MEK)	94	(58 - 150)			SW846 8260B
	92	(58 - 150)	18	(0-32)	SW846 8260B
Carbon tetrachloride	81	(69 - 147)			SW846 8260B
	82	(69 - 147)	13	(0-20)	SW846 8260B
Chlorobenzene	87	(74 - 114)			SW846 8260B
	78 p	(74 - 114)	26	(0-20)	SW846 8260B
Chloroethane	70	(51 - 155)			SW846 8260B
	76	(51 - 155)	7.0	(0-22)	SW846 8260B
Chloroform	85	(77 - 125)			SW846 8260B
	86	(77 - 125)	14	(0-20)	SW846 8260B
Chloromethane	71	(47 - 148)			SW846 8260B
	75	(47 - 148)	9.2	(0-25)	SW846 8260B
Dibromomethane	105	(77 - 117)			SW846 8260B
	102	(77 - 117)	17	(0-20)	SW846 8260B
1,2-Dibromoethane (EDB)	100	(75 - 115)			SW846 8260B
	92 p	(75 - 115)	22	(0-20)	SW846 8260B
1,2-Dichlorobenzene	83	(72 - 112)			SW846 8260B
	80	(72 - 112)	19	(0-20)	SW846 8260B
1,3-Dichlorobenzene	81	(74 - 114)			SW846 8260B
	72 a,p	(74 - 114)	26	(0-20)	SW846 8260B
1,4-Dichlorobenzene	78	(73 - 113)			SW846 8260B
	74	(73 - 113)	20	(0-22)	SW846 8260B
Dichlorodifluoromethane	77	(42 - 178)			SW846 8260B
	79	(42 - 178)	12	(0-28)	SW846 8260B
1,1-Dichloroethane	83	(74 - 114)			SW846 8260B
	82	(74 - 114)	15	(0-20)	SW846 8260B
1,2-Dichloroethane	88	(62 - 142)			SW846 8260B
	87	(62 - 142)	16	(0-20)	SW846 8260B
1,1-Dichloroethene	89	(77 - 143)			SW846 8260B
	90	(77 - 143)	13	(0-20)	SW846 8260B

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7F120221 **Work Order #...:** J0R251D2-MS **Matrix.....:** SO
MS Lot-Sample #: D7F120221-020 J0R251D3-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2-Dichloroethene (total)	87	(80 - 120)			SW846 8260B
	87	(80 - 120)	15	(0-20)	SW846 8260B
cis-1,2-Dichloroethene	88	(75 - 115)			SW846 8260B
	88	(75 - 115)	15	(0-20)	SW846 8260B
trans-1,2-Dichloroethene	86	(82 - 127)			SW846 8260B
	86	(82 - 127)	16	(0-20)	SW846 8260B
1,2-Dichloropropane	90	(74 - 114)			SW846 8260B
	85 p	(74 - 114)	21	(0-20)	SW846 8260B
cis-1,3-Dichloropropene	96	(77 - 117)			SW846 8260B
	95	(77 - 117)	16	(0-20)	SW846 8260B
trans-1,3-Dichloropropene	93	(71 - 120)			SW846 8260B
	87 p	(71 - 120)	21	(0-20)	SW846 8260B
Ethylbenzene	85	(78 - 118)			SW846 8260B
	74 a,p	(78 - 118)	29	(0-20)	SW846 8260B
2-Hexanone	92	(58 - 136)			SW846 8260B
	85	(58 - 136)	22	(0-29)	SW846 8260B
Methylene chloride	95	(76 - 116)			SW846 8260B
	93	(76 - 116)	16	(0-21)	SW846 8260B
4-Methyl-2-pentanone	93	(62 - 130)			SW846 8260B
	87	(62 - 130)	22	(0-25)	SW846 8260B
Styrene	90	(77 - 117)			SW846 8260B
	81 p	(77 - 117)	25	(0-20)	SW846 8260B
1,1,1,2-Tetrachloroethane	89	(76 - 116)			SW846 8260B
	82 p	(76 - 116)	22	(0-20)	SW846 8260B
1,1,2,2-Tetrachloroethane	97	(68 - 119)			SW846 8260B
	96	(68 - 119)	16	(0-21)	SW846 8260B
Tetrachloroethene	80	(71 - 111)			SW846 8260B
	73 p	(71 - 111)	25	(0-20)	SW846 8260B
Toluene	84	(72 - 113)			SW846 8260B
	78 p	(72 - 113)	22	(0-20)	SW846 8260B
1,2,4-Trichloro-benzene	78	(73 - 116)			SW846 8260B
	74	(73 - 116)	19	(0-26)	SW846 8260B
1,1,1-Trichloroethane	81	(67 - 143)			SW846 8260B
	83	(67 - 143)	13	(0-20)	SW846 8260B
1,1,2-Trichloroethane	99	(69 - 109)			SW846 8260B
	92 p	(69 - 109)	22	(0-20)	SW846 8260B
Trichloroethene	87	(78 - 118)			SW846 8260B
	85	(78 - 118)	17	(0-20)	SW846 8260B

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7F120221 **Work Order #...:** J0R251D2-MS **Matrix.....:** SO
MS Lot-Sample #: D7F120221-020 J0R251D3-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Trichlorofluoromethane	80	(50 - 155)			SW846 8260B
	83	(50 - 155)	11	(0-33)	SW846 8260B
1,2,3-Trichloropropane	88	(72 - 122)			SW846 8260B
	88	(72 - 122)	15	(0-21)	SW846 8260B
Vinyl chloride	76	(45 - 148)			SW846 8260B
	80	(45 - 148)	9.9	(0-24)	SW846 8260B
Xylenes (total)	84	(77 - 117)			SW846 8260B
	75 a,p	(77 - 117)	27	(0-20)	SW846 8260B
n-Butylbenzene	75	(66 - 130)			SW846 8260B
	65 a,p	(66 - 130)	28	(0-21)	SW846 8260B
sec-Butylbenzene	82	(79 - 128)			SW846 8260B
	75 a,p	(79 - 128)	24	(0-22)	SW846 8260B
Isopropylbenzene	76	(71 - 111)			SW846 8260B
	67 a,p	(71 - 111)	28	(0-20)	SW846 8260B
1,2,4-Trimethylbenzene	80	(78 - 126)			SW846 8260B
	74 a,p	(78 - 126)	22	(0-20)	SW846 8260B
1,3,5-Trimethylbenzene	77	(77 - 125)			SW846 8260B
	71 a,p	(77 - 125)	23	(0-21)	SW846 8260B
n-Propylbenzene	77 a	(79 - 120)			SW846 8260B
	70 a,p	(79 - 120)	23	(0-22)	SW846 8260B
tert-Butylbenzene	78	(77 - 124)			SW846 8260B
	72 a	(77 - 124)	22	(0-22)	SW846 8260B
Carbon disulfide	67	(49 - 121)			SW846 8260B
	65	(49 - 121)	16	(0-24)	SW846 8260B
Dibromochloromethane	94	(74 - 114)			SW846 8260B
	90	(74 - 114)	20	(0-20)	SW846 8260B
2-Chlorotoluene	82	(80 - 120)			SW846 8260B
	76 a	(80 - 120)	22	(0-22)	SW846 8260B
4-Chlorotoluene	79	(77 - 117)			SW846 8260B
	74 a,p	(77 - 117)	21	(0-20)	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	104	(60 - 120)			SW846 8260B
	102	(60 - 120)	17	(0-28)	SW846 8260B
1,3-Dichloropropane	96	(72 - 112)			SW846 8260B
	89 p	(72 - 112)	22	(0-20)	SW846 8260B
2,2-Dichloropropane	76	(64 - 144)			SW846 8260B
	77	(64 - 144)	14	(0-20)	SW846 8260B
1,1-Dichloropropene	80	(76 - 123)			SW846 8260B
	80	(76 - 123)	16	(0-20)	SW846 8260B
Hexachlorobutadiene	71	(69 - 125)			SW846 8260B
	63 a,p	(69 - 125)	26	(0-25)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7F120221 **Work Order #...:** J0R251D2-MS **Matrix.....:** SO
MS Lot-Sample #: D7F120221-020 J0R251D3-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
4-Isopropyltoluene	**73**	**(73 - 118)**			**SW846 8260B**
	67 a,p	**(73 - 118)**	**24**	**(0-20)**	**SW846 8260B**
Methyl tert-butyl ether	**104**	**(69 - 129)**			**SW846 8260B**
	102	**(69 - 129)**	**17**	**(0-20)**	**SW846 8260B**
1,2,3-Trichlorobenzene	**81**	**(69 - 113)**			**SW846 8260B**
	77	**(69 - 113)**	**19**	**(0-31)**	**SW846 8260B**
m-Xylene & p-Xylene	**84**	**(77 - 117)**			**SW846 8260B**
	74 a,p	**(77 - 117)**	**28**	**(0-20)**	**SW846 8260B**
o-Xylene	**85**	**(77 - 117)**			**SW846 8260B**
	76 a,p	**(77 - 117)**	**25**	**(0-20)**	**SW846 8260B**
Bromobenzene	**85**	**(74 - 114)**			**SW846 8260B**
	80	**(74 - 114)**	**21**	**(0-22)**	**SW846 8260B**
Bromochloromethane	**94**	**(77 - 117)**			**SW846 8260B**
	96	**(77 - 117)**	**13**	**(0-21)**	**SW846 8260B**
Naphthalene	**95**	**(65 - 113)**			**SW846 8260B**
	95	**(65 - 113)**	**15**	**(0-38)**	**SW846 8260B**
Vinyl acetate	**89**	**(79 - 185)**			**SW846 8260B**
	88	**(79 - 185)**	**17**	**(0-27)**	**SW846 8260B**
2-Pentanone	**99**	**(43 - 143)**			**SW846 8260B**
	97	**(43 - 143)**	**16**	**(0-30)**	**SW846 8260B**
2-Chloroethyl vinyl ether	**127**	**(48 - 144)**			**SW846 8260B**
	128	**(48 - 144)**	**14**	**(0-26)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	101	(75 - 121)
	103	(75 - 121)
1,2-Dichloroethane-d4	100	(58 - 140)
	99	(58 - 140)
4-Bromofluorobenzene	109	(76 - 127)
	104	(76 - 127)
Toluene-d8	109	(80 - 126)
	106	(80 - 126)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

p Relative percent difference (RPD) is outside stated control limits.

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7F120221 **Work Order #...:** J0R251D2-MS **Matrix.....:** SO
MS Lot-Sample #: D7F120221-020 J0R251D3-MSD
Date Sampled...: 06/10/07 14:15 **Date Received..:** 06/12/07
Prep Date.....: 06/12/07 **Analysis Date..:** 06/18/07
Prep Batch #...: 7170404 **Analysis Time..:** 18:45
Dilution Factor: 1.16

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Acetone	ND	134	108	ug/kg	81		SW846 8260B
	ND	116	94.5	ug/kg	82	13	SW846 8260B
Benzene	ND	67.1	57.4	ug/kg	86		SW846 8260B
	ND	57.8	49.3	ug/kg	85	15	SW846 8260B
Bromodichloromethane	ND	67.1	59.5	ug/kg	89		SW846 8260B
	ND	57.8	50.6	ug/kg	88	16	SW846 8260B
Bromoform	ND	67.1	70.1	ug/kg	104		SW846 8260B
	ND	57.8	55.9	ug/kg	97 p	22	SW846 8260B
Bromomethane	ND	67.1	54.4	ug/kg	81		SW846 8260B
	ND	57.8	48.4	ug/kg	84	12	SW846 8260B
2-Butanone (MEK)	ND	134	127	ug/kg	94		SW846 8260B
	ND	116	106	ug/kg	92	18	SW846 8260B
Carbon tetrachloride	ND	67.1	54.2	ug/kg	81		SW846 8260B
	ND	57.8	47.4	ug/kg	82	13	SW846 8260B
Chlorobenzene	ND	67.1	58.1	ug/kg	87		SW846 8260B
	ND	57.8	44.9	ug/kg	78 p	26	SW846 8260B
Chloroethane	ND	67.1	47.1	ug/kg	70		SW846 8260B
	ND	57.8	43.9	ug/kg	76	7.0	SW846 8260B
Chloroform	ND	67.1	57.3	ug/kg	85		SW846 8260B
	ND	57.8	49.6	ug/kg	86	14	SW846 8260B
Chloromethane	ND	67.1	47.8	ug/kg	71		SW846 8260B
	ND	57.8	43.6	ug/kg	75	9.2	SW846 8260B
Dibromomethane	ND	67.1	70.5	ug/kg	105		SW846 8260B
	ND	57.8	59.2	ug/kg	102	17	SW846 8260B
1,2-Dibromoethane (EDB)	ND	67.1	66.8	ug/kg	100		SW846 8260B
	ND	57.8	53.4	ug/kg	92 p	22	SW846 8260B
1,2-Dichlorobenzene	ND	67.1	55.9	ug/kg	83		SW846 8260B
	ND	57.8	46.1	ug/kg	80	19	SW846 8260B
1,3-Dichlorobenzene	ND	67.1	54.3	ug/kg	81		SW846 8260B
	ND	57.8	41.7	ug/kg	72 a,p	26	SW846 8260B
1,4-Dichlorobenzene	ND	67.1	52.1	ug/kg	78		SW846 8260B
	ND	57.8	42.7	ug/kg	74	20	SW846 8260B
Dichlorodifluoromethane	ND	67.1	51.4	ug/kg	77		SW846 8260B
	ND	57.8	45.7	ug/kg	79	12	SW846 8260B
1,1-Dichloroethane	ND	67.1	55.4	ug/kg	83		SW846 8260B
	ND	57.8	47.6	ug/kg	82	15	SW846 8260B
1,2-Dichloroethane	ND	67.1	59.1	ug/kg	88		SW846 8260B
	ND	57.8	50.4	ug/kg	87	16	SW846 8260B
1,1-Dichloroethene	ND	67.1	59.7	ug/kg	89		SW846 8260B
	ND	57.8	52.2	ug/kg	90	13	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7F120221 **Work Order #...:** J0R251D2-MS **Matrix.....:** SO
MS Lot-Sample #: D7F120221-020 J0R251D3-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,2-Dichloroethene (total)	ND	134	117	ug/kg	87		SW846 8260B
	ND	116	101	ug/kg	87	15	SW846 8260B
cis-1,2-Dichloroethene	ND	67.1	59.2	ug/kg	88		SW846 8260B
	ND	57.8	51.1	ug/kg	88	15	SW846 8260B
trans-1,2-Dichloroethene	ND	67.1	57.9	ug/kg	86		SW846 8260B
	ND	57.8	49.5	ug/kg	86	16	SW846 8260B
1,2-Dichloropropane	ND	67.1	60.4	ug/kg	90		SW846 8260B
	ND	57.8	49.1	ug/kg	85 p	21	SW846 8260B
cis-1,3-Dichloropropene	ND	67.1	64.4	ug/kg	96		SW846 8260B
	ND	57.8	54.6	ug/kg	95	16	SW846 8260B
trans-1,3-Dichloropropene	ND	67.1	62.4	ug/kg	93		SW846 8260B
	ND	57.8	50.3	ug/kg	87 p	21	SW846 8260B
Ethylbenzene	ND	67.1	57.3	ug/kg	85		SW846 8260B
	ND	57.8	43.0	ug/kg	74 a,p	29	SW846 8260B
2-Hexanone	ND	134	123	ug/kg	92		SW846 8260B
	ND	116	98.8	ug/kg	85	22	SW846 8260B
Methylene chloride	ND	67.1	63.5	ug/kg	95		SW846 8260B
	ND	57.8	54.0	ug/kg	93	16	SW846 8260B
4-Methyl-2-pentanone	ND	134	125	ug/kg	93		SW846 8260B
	ND	116	100	ug/kg	87	22	SW846 8260B
Styrene	ND	67.1	60.4	ug/kg	90		SW846 8260B
	ND	57.8	46.9	ug/kg	81 p	25	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	67.1	59.5	ug/kg	89		SW846 8260B
	ND	57.8	47.7	ug/kg	82 p	22	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	67.1	65.4	ug/kg	97		SW846 8260B
	ND	57.8	55.4	ug/kg	96	16	SW846 8260B
Tetrachloroethene	ND	67.1	53.8	ug/kg	80		SW846 8260B
	ND	57.8	42.0	ug/kg	73 p	25	SW846 8260B
Toluene	ND	67.1	56.3	ug/kg	84		SW846 8260B
	ND	57.8	45.2	ug/kg	78 p	22	SW846 8260B
1,2,4-Trichloro-benzene	ND	67.1	52.1	ug/kg	78		SW846 8260B
	ND	57.8	42.9	ug/kg	74	19	SW846 8260B
1,1,1-Trichloroethane	ND	67.1	54.4	ug/kg	81		SW846 8260B
	ND	57.8	47.9	ug/kg	83	13	SW846 8260B
1,1,2-Trichloroethane	ND	67.1	66.3	ug/kg	99		SW846 8260B
	ND	57.8	53.1	ug/kg	92 p	22	SW846 8260B
Trichloroethene	ND	67.1	58.3	ug/kg	87		SW846 8260B
	ND	57.8	49.1	ug/kg	85	17	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7F120221 **Work Order #...:** J0R251D2-MS **Matrix.....:** SO
MS Lot-Sample #: D7F120221-020 J0R251D3-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Trichlorofluoromethane	ND	67.1	53.5	ug/kg	80		SW846 8260B
	ND	57.8	47.9	ug/kg	83	11	SW846 8260B
1,2,3-Trichloropropane	ND	67.1	59.3	ug/kg	88		SW846 8260B
	ND	57.8	50.9	ug/kg	88	15	SW846 8260B
Vinyl chloride	ND	67.1	50.9	ug/kg	76		SW846 8260B
	ND	57.8	46.1	ug/kg	80	9.9	SW846 8260B
Xylenes (total)	ND	201	169	ug/kg	84		SW846 8260B
	ND	173	129	ug/kg	75 a,p	27	SW846 8260B
n-Butylbenzene	ND	67.1	50.2	ug/kg	75		SW846 8260B
	ND	57.8	37.8	ug/kg	65 a,p	28	SW846 8260B
sec-Butylbenzene	ND	67.1	55.1	ug/kg	82		SW846 8260B
	ND	57.8	43.1	ug/kg	75 a,p	24	SW846 8260B
Isopropylbenzene	ND	67.1	51.2	ug/kg	76		SW846 8260B
	ND	57.8	38.6	ug/kg	67 a,p	28	SW846 8260B
1,2,4-Trimethylbenzene	ND	67.1	53.3	ug/kg	80		SW846 8260B
	ND	57.8	42.8	ug/kg	74 a,p	22	SW846 8260B
1,3,5-Trimethylbenzene	ND	67.1	51.8	ug/kg	77		SW846 8260B
	ND	57.8	41.3	ug/kg	71 a,p	23	SW846 8260B
n-Propylbenzene	ND	67.1	51.4	ug/kg	77 a		SW846 8260B
	ND	57.8	40.7	ug/kg	70 a,p	23	SW846 8260B
tert-Butylbenzene	ND	67.1	52.1	ug/kg	78		SW846 8260B
	ND	57.8	41.8	ug/kg	72 a	22	SW846 8260B
Carbon disulfide	ND	67.1	44.7	ug/kg	67		SW846 8260B
	ND	57.8	37.9	ug/kg	65	16	SW846 8260B
Dibromochloromethane	ND	67.1	63.3	ug/kg	94		SW846 8260B
	ND	57.8	51.9	ug/kg	90	20	SW846 8260B
2-Chlorotoluene	ND	67.1	54.9	ug/kg	82		SW846 8260B
	ND	57.8	44.0	ug/kg	76 a	22	SW846 8260B
4-Chlorotoluene	ND	67.1	52.9	ug/kg	79		SW846 8260B
	ND	57.8	42.9	ug/kg	74 a,p	21	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	ND	67.1	69.8	ug/kg	104		SW846 8260B
	ND	57.8	58.9	ug/kg	102	17	SW846 8260B
1,3-Dichloropropane	ND	67.1	64.2	ug/kg	96		SW846 8260B
	ND	57.8	51.3	ug/kg	89 p	22	SW846 8260B
2,2-Dichloropropane	ND	67.1	51.1	ug/kg	76		SW846 8260B
	ND	57.8	44.5	ug/kg	77	14	SW846 8260B
1,1-Dichloropropene	ND	67.1	54.0	ug/kg	80		SW846 8260B
	ND	57.8	46.0	ug/kg	80	16	SW846 8260B
Hexachlorobutadiene	ND	67.1	47.6	ug/kg	71		SW846 8260B
	ND	57.8	36.5	ug/kg	63 a,p	26	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7F120221 **Work Order #...:** J0R251D2-MS **Matrix.....:** SO
MS Lot-Sample #: D7F120221-020 J0R251D3-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
4-Isopropyltoluene	**ND**	**67.1**	**49.2**	**ug/kg**	**73**		**SW846 8260B**
	ND	**57.8**	**38.6**	**ug/kg**	**67 a,p**	**24**	**SW846 8260B**
Methyl tert-butyl ether	**ND**	**134**	**139**	**ug/kg**	**104**		**SW846 8260B**
	ND	**116**	**118**	**ug/kg**	**102**	**17**	**SW846 8260B**
1,2,3-Trichlorobenzene	**ND**	**67.1**	**54.0**	**ug/kg**	**81**		**SW846 8260B**
	ND	**57.8**	**44.5**	**ug/kg**	**77**	**19**	**SW846 8260B**
m-Xylene & p-Xylene	**ND**	**134**	**112**	**ug/kg**	**84**		**SW846 8260B**
	ND	**116**	**85.1**	**ug/kg**	**74 a,p**	**28**	**SW846 8260B**
o-Xylene	**ND**	**67.1**	**57.0**	**ug/kg**	**85**		**SW846 8260B**
	ND	**57.8**	**44.2**	**ug/kg**	**76 a,p**	**25**	**SW846 8260B**
Bromobenzene	**ND**	**67.1**	**56.8**	**ug/kg**	**85**		**SW846 8260B**
	ND	**57.8**	**46.2**	**ug/kg**	**80**	**21**	**SW846 8260B**
Bromochloromethane	**ND**	**67.1**	**62.8**	**ug/kg**	**94**		**SW846 8260B**
	ND	**57.8**	**55.3**	**ug/kg**	**96**	**13**	**SW846 8260B**
Naphthalene	**ND**	**67.1**	**63.7**	**ug/kg**	**95**		**SW846 8260B**
	ND	**57.8**	**54.9**	**ug/kg**	**95**	**15**	**SW846 8260B**
Vinyl acetate	**ND**	**67.1**	**59.7**	**ug/kg**	**89**		**SW846 8260B**
	ND	**57.8**	**50.6**	**ug/kg**	**88**	**17**	**SW846 8260B**
2-Pentanone	**ND**	**134**	**133**	**ug/kg**	**99**		**SW846 8260B**
	ND	**116**	**113**	**ug/kg**	**97**	**16**	**SW846 8260B**
2-Chloroethyl vinyl ether	**ND**	**67.1**	**85.3**	**ug/kg**	**127**		**SW846 8260B**
	ND	**57.8**	**73.8**	**ug/kg**	**128**	**14**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	101	(75 - 121)
	103	(75 - 121)
1,2-Dichloroethane-d4	100	(58 - 140)
	99	(58 - 140)
4-Bromofluorobenzene	109	(76 - 127)
	104	(76 - 127)
Toluene-d8	109	(80 - 126)
	106	(80 - 126)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

p Relative percent difference (RPD) is outside stated control limits.

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7F120221 **Work Order #...:** J0R021CK-MS **Matrix.....:** WG
MS Lot-Sample #: D7F120221-005 J0R021CL-MSD
Date Sampled...: 06/10/07 10:23 **Date Received..:** 06/12/07
Prep Date.....: 06/24/07 **Analysis Date..:** 06/24/07
Prep Batch #...: 7176174 **Analysis Time..:** 13:04
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acetone	73	(48 - 130)			SW846 8260B
	85	(48 - 130)	15	(0-41)	SW846 8260B
Benzene	86	(77 - 118)			SW846 8260B
	90	(77 - 118)	4.2	(0-20)	SW846 8260B
Bromodichloromethane	99	(78 - 118)			SW846 8260B
	102	(78 - 118)	3.7	(0-20)	SW846 8260B
Bromoform	108	(74 - 121)			SW846 8260B
	121	(74 - 121)	12	(0-21)	SW846 8260B
Bromomethane	71	(42 - 154)			SW846 8260B
	79	(42 - 154)	9.9	(0-24)	SW846 8260B
2-Butanone (MEK)	102	(57 - 120)			SW846 8260B
	114	(57 - 120)	12	(0-32)	SW846 8260B
Carbon tetrachloride	102	(80 - 120)			SW846 8260B
	102	(80 - 120)	0.53	(0-21)	SW846 8260B
Chlorobenzene	104	(78 - 118)			SW846 8260B
	106	(78 - 118)	1.9	(0-20)	SW846 8260B
Chloroethane	84	(51 - 133)			SW846 8260B
	87	(51 - 133)	4.1	(0-25)	SW846 8260B
Chloroform	101	(78 - 118)			SW846 8260B
	104	(78 - 118)	2.6	(0-20)	SW846 8260B
Chloromethane	85	(46 - 142)			SW846 8260B
	89	(46 - 142)	5.0	(0-24)	SW846 8260B
Dibromomethane	107	(77 - 117)			SW846 8260B
	117	(77 - 117)	9.2	(0-20)	SW846 8260B
1,2-Dibromoethane (EDB)	115	(77 - 117)			SW846 8260B
	121 a	(77 - 117)	5.1	(0-20)	SW846 8260B
1,2-Dichlorobenzene	95	(76 - 116)			SW846 8260B
	101	(76 - 116)	6.1	(0-20)	SW846 8260B
1,3-Dichlorobenzene	97	(75 - 115)			SW846 8260B
	97	(75 - 115)	0.13	(0-20)	SW846 8260B
1,4-Dichlorobenzene	95	(77 - 117)			SW846 8260B
	96	(77 - 117)	0.91	(0-23)	SW846 8260B
Dichlorodifluoromethane	95	(56 - 140)			SW846 8260B
	106	(56 - 140)	11	(0-24)	SW846 8260B
1,1-Dichloroethane	98	(77 - 117)			SW846 8260B
	100	(77 - 117)	1.9	(0-21)	SW846 8260B
1,2-Dichloroethane	105	(74 - 120)			SW846 8260B
	113	(74 - 120)	6.5	(0-20)	SW846 8260B
1,1-Dichloroethene	104	(68 - 133)			SW846 8260B
	107	(68 - 133)	3.1	(0-20)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7F120221 **Work Order #...:** J0R021CK-MS **Matrix.....:** WG
MS Lot-Sample #: D7F120221-005 J0R021CL-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2-Dichloroethene (total)	100	(78 - 118)			SW846 8260B
	105	(78 - 118)	5.0	(0-20)	SW846 8260B
cis-1,2-Dichloroethene	100	(75 - 115)			SW846 8260B
	105	(75 - 115)	5.0	(0-20)	SW846 8260B
trans-1,2-Dichloroethene	100	(80 - 120)			SW846 8260B
	106	(80 - 120)	5.0	(0-24)	SW846 8260B
1,2-Dichloropropane	94	(76 - 116)			SW846 8260B
	103	(76 - 116)	9.0	(0-20)	SW846 8260B
cis-1,3-Dichloropropene	106	(76 - 116)			SW846 8260B
	109	(76 - 116)	2.5	(0-20)	SW846 8260B
trans-1,3-Dichloropropene	113	(72 - 117)			SW846 8260B
	119 a	(72 - 117)	5.2	(0-20)	SW846 8260B
Ethylbenzene	106	(78 - 118)			SW846 8260B
	108	(78 - 118)	1.3	(0-26)	SW846 8260B
2-Hexanone	107	(57 - 121)			SW846 8260B
	118	(57 - 121)	9.6	(0-25)	SW846 8260B
Methylene chloride	96	(71 - 119)			SW846 8260B
	100	(71 - 119)	4.4	(0-20)	SW846 8260B
4-Methyl-2-pentanone	115	(65 - 118)			SW846 8260B
	124 a	(65 - 118)	7.6	(0-22)	SW846 8260B
Styrene	4.7 a	(77 - 117)			SW846 8260B
	4.8 a	(77 - 117)	3.0	(0-20)	SW846 8260B
1,1,1,2-Tetrachloroethane	99	(77 - 117)			SW846 8260B
	106	(77 - 117)	6.6	(0-20)	SW846 8260B
1,1,2,2-Tetrachloroethane	117	(73 - 119)			SW846 8260B
	133 a	(73 - 119)	13	(0-20)	SW846 8260B
Tetrachloroethene	113	(77 - 117)			SW846 8260B
	102	(77 - 117)	5.0	(0-20)	SW846 8260B
Toluene	109	(73 - 120)			SW846 8260B
	107	(73 - 120)	1.3	(0-20)	SW846 8260B
1,2,4-Trichloro-benzene	87	(73 - 121)			SW846 8260B
	93	(73 - 121)	7.3	(0-25)	SW846 8260B
1,1,1-Trichloroethane	105	(78 - 118)			SW846 8260B
	107	(78 - 118)	1.1	(0-20)	SW846 8260B
1,1,2-Trichloroethane	113	(76 - 116)			SW846 8260B
	124 a	(76 - 116)	9.2	(0-21)	SW846 8260B
Trichloroethene	82	(78 - 122)			SW846 8260B
	83	(78 - 122)	0.69	(0-20)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7F120221 **Work Order #...:** J0R021CK-MS **Matrix.....:** WG
MS Lot-Sample #: D7F120221-005 J0R021CL-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Trichlorofluoromethane	102	(63 - 135)			SW846 8260B
	111	(63 - 135)	8.9	(0-20)	SW846 8260B
1,2,3-Trichloropropane	119	(72 - 120)			SW846 8260B
	136 a	(72 - 120)	13	(0-23)	SW846 8260B
Vinyl chloride	84	(49 - 136)			SW846 8260B
	94	(49 - 136)	11	(0-24)	SW846 8260B
Xylenes (total)	108	(77 - 117)			SW846 8260B
	107	(77 - 117)	0.80	(0-20)	SW846 8260B
n-Butylbenzene	96	(76 - 117)			SW846 8260B
	94	(76 - 117)	1.5	(0-21)	SW846 8260B
sec-Butylbenzene	91	(80 - 120)			SW846 8260B
	91	(80 - 120)	0.01	(0-21)	SW846 8260B
Isopropylbenzene	94	(71 - 111)			SW846 8260B
	94	(71 - 111)	0.99	(0-20)	SW846 8260B
1,2,4-Trimethylbenzene	109	(77 - 117)			SW846 8260B
	109	(77 - 117)	0.05	(0-20)	SW846 8260B
1,3,5-Trimethylbenzene	107	(77 - 117)			SW846 8260B
	104	(77 - 117)	2.5	(0-20)	SW846 8260B
n-Propylbenzene	93	(76 - 116)			SW846 8260B
	91	(76 - 116)	1.7	(0-20)	SW846 8260B
tert-Butylbenzene	95	(76 - 116)			SW846 8260B
	92	(76 - 116)	2.7	(0-21)	SW846 8260B
Carbon disulfide	68	(56 - 104)			SW846 8260B
	69	(56 - 104)	2.1	(0-20)	SW846 8260B
Dibromochloromethane	99	(76 - 116)			SW846 8260B
	107	(76 - 116)	7.7	(0-20)	SW846 8260B
2-Chlorotoluene	92	(76 - 116)			SW846 8260B
	90	(76 - 116)	2.9	(0-20)	SW846 8260B
4-Chlorotoluene	94	(78 - 118)			SW846 8260B
	92	(78 - 118)	2.0	(0-20)	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	87	(65 - 117)			SW846 8260B
	102	(65 - 117)	17	(0-22)	SW846 8260B
1,3-Dichloropropane	113	(75 - 115)			SW846 8260B
	116 a	(75 - 115)	2.8	(0-20)	SW846 8260B
2,2-Dichloropropane	99	(72 - 128)			SW846 8260B
	102	(72 - 128)	3.3	(0-24)	SW846 8260B
1,1-Dichloropropene	92	(75 - 115)			SW846 8260B
	93	(75 - 115)	1.8	(0-21)	SW846 8260B
Hexachlorobutadiene	70 a	(73 - 123)			SW846 8260B
	75	(73 - 123)	6.4	(0-25)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7F120221 **Work Order #...:** J0R021CK-MS **Matrix.....:** WG
MS Lot-Sample #: D7F120221-005 J0R021CL-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
4-Isopropyltoluene	**86**	**(76 - 113)**			**SW846 8260B**
	83	**(76 - 113)**	**4.3**	**(0-20)**	**SW846 8260B**
Methyl tert-butyl ether	**106**	**(58 - 116)**			**SW846 8260B**
	118 a	**(58 - 116)**	**11**	**(0-21)**	**SW846 8260B**
1,2,3-Trichlorobenzene	**87**	**(66 - 123)**			**SW846 8260B**
	98	**(66 - 123)**	**12**	**(0-29)**	**SW846 8260B**
m-Xylene & p-Xylene	**110**	**(78 - 118)**			**SW846 8260B**
	108	**(78 - 118)**	**1.8**	**(0-20)**	**SW846 8260B**
o-Xylene	**104**	**(77 - 117)**			**SW846 8260B**
	106	**(77 - 117)**	**1.3**	**(0-20)**	**SW846 8260B**
Bromobenzene	**106**	**(75 - 115)**			**SW846 8260B**
	107	**(75 - 115)**	**1.1**	**(0-20)**	**SW846 8260B**
Bromochloromethane	**88**	**(78 - 118)**			**SW846 8260B**
	95	**(78 - 118)**	**8.0**	**(0-20)**	**SW846 8260B**
Naphthalene	**71**	**(62 - 121)**			**SW846 8260B**
	86	**(62 - 121)**	**19**	**(0-32)**	**SW846 8260B**
Vinyl acetate	**129 a**	**(63 - 124)**			**SW846 8260B**
	137 a	**(63 - 124)**	**5.9**	**(0-24)**	**SW846 8260B**
2-Pentanone	**106**	**(42 - 115)**			**SW846 8260B**
	111	**(42 - 115)**	**4.2**	**(0-26)**	**SW846 8260B**
2-Chloroethyl vinyl ether	**0.0 a**	**(17 - 150)**			**SW846 8260B**
	0.0 a	**(17 - 150)**	**0.0**	**(0-31)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	96	(77 - 119)
	99	(77 - 119)
1,2-Dichloroethane-d4	96	(70 - 127)
	98	(70 - 127)
4-Bromofluorobenzene	104	(78 - 118)
	107	(78 - 118)
Toluene-d8	96	(83 - 125)
	95	(83 - 125)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7F120221 **Work Order #...:** J0R021CK-MS **Matrix.....:** WG
MS Lot-Sample #: D7F120221-005 J0R021CL-MSD
Date Sampled...: 06/10/07 10:23 **Date Received..:** 06/12/07
Prep Date.....: 06/24/07 **Analysis Date..:** 06/24/07
Prep Batch #...: 7176174 **Analysis Time..:** 13:04
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Acetone	ND	10.0	7.29	ug/L	73		SW846 8260B
	ND	10.0	8.47	ug/L	85	15	SW846 8260B
Benzene	ND	5.00	4.31	ug/L	86		SW846 8260B
	ND	5.00	4.49	ug/L	90	4.2	SW846 8260B
Bromodichloromethane	ND	5.00	4.94	ug/L	99		SW846 8260B
	ND	5.00	5.12	ug/L	102	3.7	SW846 8260B
Bromoform	ND	5.00	5.39	ug/L	108		SW846 8260B
	ND	5.00	6.06	ug/L	121	12	SW846 8260B
Bromomethane	ND	5.00	3.57	ug/L	71		SW846 8260B
	ND	5.00	3.95	ug/L	79	9.9	SW846 8260B
2-Butanone (MEK)	ND	10.0	10.2	ug/L	102		SW846 8260B
	ND	10.0	11.4	ug/L	114	12	SW846 8260B
Carbon tetrachloride	ND	5.00	5.11	ug/L	102		SW846 8260B
	ND	5.00	5.09	ug/L	102	0.53	SW846 8260B
Chlorobenzene	ND	5.00	5.22	ug/L	104		SW846 8260B
	ND	5.00	5.32	ug/L	106	1.9	SW846 8260B
Chloroethane	ND	5.00	4.20	ug/L	84		SW846 8260B
	ND	5.00	4.37	ug/L	87	4.1	SW846 8260B
Chloroform	ND	5.00	5.06	ug/L	101		SW846 8260B
	ND	5.00	5.19	ug/L	104	2.6	SW846 8260B
Chloromethane	ND	5.00	4.24	ug/L	85		SW846 8260B
	ND	5.00	4.46	ug/L	89	5.0	SW846 8260B
Dibromomethane	ND	5.00	5.36	ug/L	107		SW846 8260B
	ND	5.00	5.87	ug/L	117	9.2	SW846 8260B
1,2-Dibromoethane (EDB)	ND	5.00	5.75	ug/L	115		SW846 8260B
	ND	5.00	6.05	ug/L	121 a	5.1	SW846 8260B
1,2-Dichlorobenzene	ND	5.00	4.75	ug/L	95		SW846 8260B
	ND	5.00	5.05	ug/L	101	6.1	SW846 8260B
1,3-Dichlorobenzene	ND	5.00	4.83	ug/L	97		SW846 8260B
	ND	5.00	4.84	ug/L	97	0.13	SW846 8260B
1,4-Dichlorobenzene	ND	5.00	4.74	ug/L	95		SW846 8260B
	ND	5.00	4.78	ug/L	96	0.91	SW846 8260B
Dichlorodifluoromethane	ND	5.00	4.75	ug/L	95		SW846 8260B
	ND	5.00	5.31	ug/L	106	11	SW846 8260B
1,1-Dichloroethane	ND	5.00	4.90	ug/L	98		SW846 8260B
	ND	5.00	5.00	ug/L	100	1.9	SW846 8260B
1,2-Dichloroethane	ND	5.00	5.27	ug/L	105		SW846 8260B
	ND	5.00	5.63	ug/L	113	6.5	SW846 8260B
1,1-Dichloroethene	ND	5.00	5.18	ug/L	104		SW846 8260B
	ND	5.00	5.34	ug/L	107	3.1	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7F120221 **Work Order #...:** J0R021CK-MS **Matrix.....:** WG
MS Lot-Sample #: D7F120221-005 J0R021CL-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,2-Dichloroethene (total)	ND	10.0	10.0	ug/L	100		SW846 8260B
	ND	10.0	10.5	ug/L	105	5.0	SW846 8260B
cis-1,2-Dichloroethene	ND	5.00	5.01	ug/L	100		SW846 8260B
	ND	5.00	5.27	ug/L	105	5.0	SW846 8260B
trans-1,2-Dichloroethene	ND	5.00	5.02	ug/L	100		SW846 8260B
	ND	5.00	5.28	ug/L	106	5.0	SW846 8260B
1,2-Dichloropropane	ND	5.00	4.70	ug/L	94		SW846 8260B
	ND	5.00	5.14	ug/L	103	9.0	SW846 8260B
cis-1,3-Dichloropropene	ND	5.00	5.31	ug/L	106		SW846 8260B
	ND	5.00	5.45	ug/L	109	2.5	SW846 8260B
trans-1,3-Dichloropropene	ND	5.00	5.66	ug/L	113		SW846 8260B
	ND	5.00	5.96	ug/L	119 a	5.2	SW846 8260B
Ethylbenzene	ND	5.00	5.31	ug/L	106		SW846 8260B
	ND	5.00	5.38	ug/L	108	1.3	SW846 8260B
2-Hexanone	ND	10.0	10.7	ug/L	107		SW846 8260B
	ND	10.0	11.8	ug/L	118	9.6	SW846 8260B
Methylene chloride	ND	5.00	4.79	ug/L	96		SW846 8260B
	ND	5.00	5.01	ug/L	100	4.4	SW846 8260B
4-Methyl-2-pentanone	ND	10.0	11.5	ug/L	115		SW846 8260B
	ND	10.0	12.4	ug/L	124 a	7.6	SW846 8260B
Styrene	ND	5.00	0.234	ug/L	4.7 a		SW846 8260B
	ND	5.00	0.241	ug/L	4.8 a	3.0	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	5.00	4.95	ug/L	99		SW846 8260B
	ND	5.00	5.29	ug/L	106	6.6	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.00	5.84	ug/L	117		SW846 8260B
	ND	5.00	6.63	ug/L	133 a	13	SW846 8260B
Tetrachloroethene	5.3	5.00	11.0	ug/L	113		SW846 8260B
	5.3	5.00	10.4	ug/L	102	5.0	SW846 8260B
Toluene	ND	5.00	5.45	ug/L	109		SW846 8260B
	ND	5.00	5.37	ug/L	107	1.3	SW846 8260B
1,2,4-Trichloro-benzene	ND	5.00	4.33	ug/L	87		SW846 8260B
	ND	5.00	4.66	ug/L	93	7.3	SW846 8260B
1,1,1-Trichloroethane	ND	5.00	5.27	ug/L	105		SW846 8260B
	ND	5.00	5.33	ug/L	107	1.1	SW846 8260B
1,1,2-Trichloroethane	ND	5.00	5.66	ug/L	113		SW846 8260B
	ND	5.00	6.21	ug/L	124 a	9.2	SW846 8260B
Trichloroethene	ND	5.00	4.11	ug/L	82		SW846 8260B
	ND	5.00	4.14	ug/L	83	0.69	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7F120221 **Work Order #...:** J0R021CK-MS **Matrix.....:** WG
MS Lot-Sample #: D7F120221-005 J0R021CL-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Trichlorofluoromethane	ND	5.00	5.09	ug/L	102		SW846 8260B
	ND	5.00	5.57	ug/L	111	8.9	SW846 8260B
1,2,3-Trichloropropane	ND	5.00	5.93	ug/L	119		SW846 8260B
	ND	5.00	6.78	ug/L	136 a	13	SW846 8260B
Vinyl chloride	ND	5.00	4.20	ug/L	84		SW846 8260B
	ND	5.00	4.69	ug/L	94	11	SW846 8260B
Xylenes (total)	ND	15.0	16.2	ug/L	108		SW846 8260B
	ND	15.0	16.0	ug/L	107	0.80	SW846 8260B
n-Butylbenzene	ND	5.00	4.79	ug/L	96		SW846 8260B
	ND	5.00	4.72	ug/L	94	1.5	SW846 8260B
sec-Butylbenzene	ND	5.00	4.56	ug/L	91		SW846 8260B
	ND	5.00	4.56	ug/L	91	0.01	SW846 8260B
Isopropylbenzene	ND	5.00	4.68	ug/L	94		SW846 8260B
	ND	5.00	4.72	ug/L	94	0.99	SW846 8260B
1,2,4-Trimethylbenzene	ND	5.00	5.44	ug/L	109		SW846 8260B
	ND	5.00	5.45	ug/L	109	0.05	SW846 8260B
1,3,5-Trimethylbenzene	ND	5.00	5.33	ug/L	107		SW846 8260B
	ND	5.00	5.20	ug/L	104	2.5	SW846 8260B
n-Propylbenzene	ND	5.00	4.64	ug/L	93		SW846 8260B
	ND	5.00	4.56	ug/L	91	1.7	SW846 8260B
tert-Butylbenzene	ND	5.00	4.74	ug/L	95		SW846 8260B
	ND	5.00	4.62	ug/L	92	2.7	SW846 8260B
Carbon disulfide	ND	5.00	3.38	ug/L	68		SW846 8260B
	ND	5.00	3.45	ug/L	69	2.1	SW846 8260B
Dibromochloromethane	ND	5.00	4.95	ug/L	99		SW846 8260B
	ND	5.00	5.34	ug/L	107	7.7	SW846 8260B
2-Chlorotoluene	ND	5.00	4.62	ug/L	92		SW846 8260B
	ND	5.00	4.48	ug/L	90	2.9	SW846 8260B
4-Chlorotoluene	ND	5.00	4.71	ug/L	94		SW846 8260B
	ND	5.00	4.61	ug/L	92	2.0	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.00	4.33	ug/L	87		SW846 8260B
	ND	5.00	5.11	ug/L	102	17	SW846 8260B
1,3-Dichloropropane	ND	5.00	5.66	ug/L	113		SW846 8260B
	ND	5.00	5.82	ug/L	116 a	2.8	SW846 8260B
2,2-Dichloropropane	ND	5.00	4.96	ug/L	99		SW846 8260B
	ND	5.00	5.12	ug/L	102	3.3	SW846 8260B
1,1-Dichloropropene	ND	5.00	4.58	ug/L	92		SW846 8260B
	ND	5.00	4.66	ug/L	93	1.8	SW846 8260B
Hexachlorobutadiene	ND	5.00	3.51	ug/L	70 a		SW846 8260B
	ND	5.00	3.75	ug/L	75	6.4	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7F120221 **Work Order #...:** J0R021CK-MS **Matrix.....:** WG
MS Lot-Sample #: D7F120221-005 J0R021CL-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
4-Isopropyltoluene	**ND**	**5.00**	**4.32**	**ug/L**	**86**		**SW846 8260B**
	ND	**5.00**	**4.14**	**ug/L**	**83**	**4.3**	**SW846 8260B**
Methyl tert-butyl ether	**ND**	**10.0**	**10.6**	**ug/L**	**106**		**SW846 8260B**
	ND	**10.0**	**11.8**	**ug/L**	**118 a**	**11**	**SW846 8260B**
1,2,3-Trichlorobenzene	**ND**	**5.00**	**4.35**	**ug/L**	**87**		**SW846 8260B**
	ND	**5.00**	**4.89**	**ug/L**	**98**	**12**	**SW846 8260B**
m-Xylene & p-Xylene	**ND**	**10.0**	**11.0**	**ug/L**	**110**		**SW846 8260B**
	ND	**10.0**	**10.8**	**ug/L**	**108**	**1.8**	**SW846 8260B**
o-Xylene	**ND**	**5.00**	**5.21**	**ug/L**	**104**		**SW846 8260B**
	ND	**5.00**	**5.28**	**ug/L**	**106**	**1.3**	**SW846 8260B**
Bromobenzene	**ND**	**5.00**	**5.32**	**ug/L**	**106**		**SW846 8260B**
	ND	**5.00**	**5.37**	**ug/L**	**107**	**1.1**	**SW846 8260B**
Bromochloromethane	**ND**	**5.00**	**4.40**	**ug/L**	**88**		**SW846 8260B**
	ND	**5.00**	**4.77**	**ug/L**	**95**	**8.0**	**SW846 8260B**
Naphthalene	**ND**	**5.00**	**3.54**	**ug/L**	**71**		**SW846 8260B**
	ND	**5.00**	**4.28**	**ug/L**	**86**	**19**	**SW846 8260B**
Vinyl acetate	**ND**	**5.00**	**6.46**	**ug/L**	**129 a**		**SW846 8260B**
	ND	**5.00**	**6.85**	**ug/L**	**137 a**	**5.9**	**SW846 8260B**
2-Pentanone	**ND**	**10.0**	**10.6**	**ug/L**	**106**		**SW846 8260B**
	ND	**10.0**	**11.1**	**ug/L**	**111**	**4.2**	**SW846 8260B**
2-Chloroethyl vinyl ether	**ND**	**5.00**	**0.0**	**ug/L**	**0.0 a**		**SW846 8260B**
	ND	**5.00**	**0.0**	**ug/L**	**0.0 a**	**0.0**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	96	(77 - 119)
	99	(77 - 119)
1,2-Dichloroethane-d4	96	(70 - 127)
	98	(70 - 127)
4-Bromofluorobenzene	104	(78 - 118)
	107	(78 - 118)
Toluene-d8	96	(83 - 125)
	95	(83 - 125)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: D7F120221
MB Lot-Sample #: D7F140000-172

Work Order #...: J00VE1AA

Matrix.....: WATER

Prep Date.....: 06/14/07
Prep Batch #...: 7165172

Analysis Date..: 06/22/07
Dilution Factor: 1

Analysis Time..: 19:05

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acenaphthene	ND	10	ug/L	SW846 8270C
Acenaphthylene	ND	10	ug/L	SW846 8270C
Acetophenone	ND	10	ug/L	SW846 8270C
Anthracene	ND	10	ug/L	SW846 8270C
Benzo(a)anthracene	ND	10	ug/L	SW846 8270C
Benzo(b)fluoranthene	ND	10	ug/L	SW846 8270C
Benzo(k)fluoranthene	ND	10	ug/L	SW846 8270C
Benzo(ghi)perylene	ND	10	ug/L	SW846 8270C
Benzo(a)pyrene	ND	10	ug/L	SW846 8270C
bis(2-Chloroethoxy) methane	ND	10	ug/L	SW846 8270C
bis(2-Chloroethyl)-ether	ND	10	ug/L	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	SW846 8270C
4-Bromophenyl phenyl ether	ND	10	ug/L	SW846 8270C
Butyl benzyl phthalate	ND	20	ug/L	SW846 8270C
4-Chloroaniline	ND	20	ug/L	SW846 8270C
4-Chloro-3-methylphenol	ND	20	ug/L	SW846 8270C
2-Chloronaphthalene	ND	10	ug/L	SW846 8270C
2-Chlorophenol	ND	10	ug/L	SW846 8270C
4-Chlorophenyl phenyl ether	ND	10	ug/L	SW846 8270C
Chrysene	ND	10	ug/L	SW846 8270C
Dibenz(a,h)anthracene	ND	10	ug/L	SW846 8270C
Dibenzofuran	ND	10	ug/L	SW846 8270C
Di-n-butyl phthalate	ND	20	ug/L	SW846 8270C
3,3'-Dichlorobenzidine	ND	20	ug/L	SW846 8270C
2,4-Dichlorophenol	ND	10	ug/L	SW846 8270C
Diethyl phthalate	ND	20	ug/L	SW846 8270C
2,4-Dimethylphenol	ND	10	ug/L	SW846 8270C
Dimethyl phthalate	ND	20	ug/L	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	60	ug/L	SW846 8270C
2,4-Dinitrophenol	ND	60	ug/L	SW846 8270C
2,4-Dinitrotoluene	ND	20	ug/L	SW846 8270C
2,6-Dinitrotoluene	ND	20	ug/L	SW846 8270C
Di-n-octyl phthalate	ND	20	ug/L	SW846 8270C
Fluoranthene	ND	20	ug/L	SW846 8270C
Fluorene	ND	10	ug/L	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J00VE1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Hexachlorobenzene	ND	10	ug/L	SW846 8270C
Hexachlorocyclopenta-diene	ND	10	ug/L	SW846 8270C
Hexachloroethane	ND	10	ug/L	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	SW846 8270C
2-Methylnaphthalene	ND	10	ug/L	SW846 8270C
2-Methylphenol	ND	10	ug/L	SW846 8270C
Naphthalene	ND	10	ug/L	SW846 8270C
2-Nitroaniline	ND	50	ug/L	SW846 8270C
3-Nitroaniline	ND	50	ug/L	SW846 8270C
4-Nitroaniline	ND	50	ug/L	SW846 8270C
Nitrobenzene	ND	20	ug/L	SW846 8270C
2-Nitrophenol	ND	20	ug/L	SW846 8270C
4-Nitrophenol	ND	50	ug/L	SW846 8270C
N-Nitrosodiphenylamine	ND	10	ug/L	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	20	ug/L	SW846 8270C
Pentachlorophenol	ND	60	ug/L	SW846 8270C
Phenanthrene	ND	10	ug/L	SW846 8270C
Phenol	ND	10	ug/L	SW846 8270C
Pyrene	ND	10	ug/L	SW846 8270C
2,4,5-Trichloro-phenol	ND	20	ug/L	SW846 8270C
2,4,6-Trichloro-phenol	ND	20	ug/L	SW846 8270C
bis(2-Chloroisopropyl) ether	ND	10	ug/L	SW846 8270C
4-Methylphenol	ND	20	ug/L	SW846 8270C
Hexachlorobutadiene	ND	10	ug/L	SW846 8270C
Caprolactam	ND	20	ug/L	SW846 8270C
Atrazine	ND	50	ug/L	SW846 8270C
Carbazole	ND	10	ug/L	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	79	(51 - 120)
Phenol-d5	84	(51 - 120)
Nitrobenzene-d5	85	(48 - 120)
2-Fluorobiphenyl	71	(49 - 120)
2,4,6-Tribromophenol	66	(57 - 120)
Terphenyl-d14	93	(61 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

ND: The analyte was analyzed for, but not detected.

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J03P01AA **Matrix.....:** SOLID
MB Lot-Sample #: D7F150000-011

Prep Date.....: 06/15/07 **Analysis Time..:** 14:01
Analysis Date..: 06/22/07 **Prep Batch #...:** 7166011
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acenaphthene	ND	330	ug/kg	SW846 8270C
Acenaphthylene	ND	330	ug/kg	SW846 8270C
Acetophenone	ND	330	ug/kg	SW846 8270C
Anthracene	ND	330	ug/kg	SW846 8270C
Benzo(a)anthracene	ND	660	ug/kg	SW846 8270C
Benzo(b)fluoranthene	ND	660	ug/kg	SW846 8270C
Benzo(k)fluoranthene	ND	660	ug/kg	SW846 8270C
Benzo(ghi)perylene	ND	660	ug/kg	SW846 8270C
Benzo(a)pyrene	ND	660	ug/kg	SW846 8270C
bis(2-Chloroethoxy) methane	ND	330	ug/kg	SW846 8270C
bis(2-Chloroethyl)-ether	ND	660	ug/kg	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	660	ug/kg	SW846 8270C
4-Bromophenyl phenyl ether	ND	660	ug/kg	SW846 8270C
Butyl benzyl phthalate	ND	660	ug/kg	SW846 8270C
4-Chloroaniline	ND	1300	ug/kg	SW846 8270C
4-Chloro-3-methylphenol	ND	1300	ug/kg	SW846 8270C
2-Chloronaphthalene	ND	330	ug/kg	SW846 8270C
2-Chlorophenol	ND	660	ug/kg	SW846 8270C
4-Chlorophenyl phenyl ether	ND	660	ug/kg	SW846 8270C
Chrysene	ND	660	ug/kg	SW846 8270C
Dibenz(a,h)anthracene	ND	660	ug/kg	SW846 8270C
Dibenzofuran	ND	660	ug/kg	SW846 8270C
Di-n-butyl phthalate	ND	660	ug/kg	SW846 8270C
3,3'-Dichlorobenzidine	ND	1300	ug/kg	SW846 8270C
2,4-Dichlorophenol	ND	660	ug/kg	SW846 8270C
Diethyl phthalate	ND	660	ug/kg	SW846 8270C
2,4-Dimethylphenol	ND	660	ug/kg	SW846 8270C
Dimethyl phthalate	ND	660	ug/kg	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	3300	ug/kg	SW846 8270C
2,4-Dinitrophenol	ND	3300	ug/kg	SW846 8270C
2,4-Dinitrotoluene	ND	660	ug/kg	SW846 8270C
2,6-Dinitrotoluene	ND	660	ug/kg	SW846 8270C
Di-n-octyl phthalate	ND	660	ug/kg	SW846 8270C
Fluoranthene	ND	660	ug/kg	SW846 8270C
Fluorene	ND	660	ug/kg	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J03P01AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Hexachlorobenzene	ND	660	ug/kg	SW846 8270C
Hexachlorocyclopenta-diene	ND	660	ug/kg	SW846 8270C
Hexachloroethane	ND	660	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	660	ug/kg	SW846 8270C
2-Methylnaphthalene	ND	660	ug/kg	SW846 8270C
2-Methylphenol	ND	660	ug/kg	SW846 8270C
Naphthalene	ND	660	ug/kg	SW846 8270C
2-Nitroaniline	ND	3300	ug/kg	SW846 8270C
3-Nitroaniline	ND	3300	ug/kg	SW846 8270C
4-Nitroaniline	ND	3300	ug/kg	SW846 8270C
Nitrobenzene	ND	660	ug/kg	SW846 8270C
2-Nitrophenol	ND	660	ug/kg	SW846 8270C
4-Nitrophenol	ND	3300	ug/kg	SW846 8270C
N-Nitrosodiphenylamine	ND	660	ug/kg	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	660	ug/kg	SW846 8270C
Pentachlorophenol	ND	3300	ug/kg	SW846 8270C
Phenanthrene	ND	660	ug/kg	SW846 8270C
Phenol	ND	660	ug/kg	SW846 8270C
Pyrene	ND	660	ug/kg	SW846 8270C
2,4,5-Trichloro-phenol	ND	660	ug/kg	SW846 8270C
2,4,6-Trichloro-phenol	ND	660	ug/kg	SW846 8270C
bis(2-Chloroisopropyl) ether	ND	660	ug/kg	SW846 8270C
4-Methylphenol	ND	660	ug/kg	SW846 8270C
Hexachlorobutadiene	ND	660	ug/kg	SW846 8270C
Caprolactam	ND	1600	ug/kg	SW846 8270C
Atrazine	ND	330	ug/kg	SW846 8270C
Carbazole	ND	330	ug/kg	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	77	(53 - 120)
Phenol-d5	78	(52 - 120)
Nitrobenzene-d5	72	(50 - 120)
2-Fluorobiphenyl	77	(50 - 120)
2,4,6-Tribromophenol	66	(51 - 120)
Terphenyl-d14	76	(55 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

ND: The analyte was analyzed for, but not detected.

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J1QQ11AA **Matrix.....:** SOLID
MB Lot-Sample #: D7F250000-488

Prep Date.....: 06/25/07 **Analysis Time..:** 09:56
Analysis Date..: 06/28/07 **Prep Batch #...:** 7176488
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acenaphthene	ND	330	ug/kg	SW846 8270C
Acenaphthylene	ND	330	ug/kg	SW846 8270C
Acetophenone	ND	330	ug/kg	SW846 8270C
Anthracene	ND	330	ug/kg	SW846 8270C
Benzo(a)anthracene	ND	660	ug/kg	SW846 8270C
Benzo(b)fluoranthene	ND	660	ug/kg	SW846 8270C
Benzo(k)fluoranthene	ND	660	ug/kg	SW846 8270C
Benzo(ghi)perylene	ND	660	ug/kg	SW846 8270C
Benzo(a)pyrene	ND	660	ug/kg	SW846 8270C
bis(2-Chloroethoxy) methane	ND	330	ug/kg	SW846 8270C
bis(2-Chloroethyl)-ether	ND	660	ug/kg	SW846 8270C
bis(2-Ethylhexyl) phthalate	**68 J**	**660**	**ug/kg**	**SW846 8270C**
4-Bromophenyl phenyl ether	ND	660	ug/kg	SW846 8270C
Butyl benzyl phthalate	ND	660	ug/kg	SW846 8270C
4-Chloroaniline	ND	1300	ug/kg	SW846 8270C
4-Chloro-3-methylphenol	ND	1300	ug/kg	SW846 8270C
2-Chloronaphthalene	ND	330	ug/kg	SW846 8270C
2-Chlorophenol	ND	660	ug/kg	SW846 8270C
4-Chlorophenyl phenyl ether	ND	660	ug/kg	SW846 8270C
Chrysene	ND	660	ug/kg	SW846 8270C
Dibenz(a,h)anthracene	ND	660	ug/kg	SW846 8270C
Dibenzofuran	ND	660	ug/kg	SW846 8270C
Di-n-butyl phthalate	ND	660	ug/kg	SW846 8270C
3,3'-Dichlorobenzidine	ND	1300	ug/kg	SW846 8270C
2,4-Dichlorophenol	ND	660	ug/kg	SW846 8270C
Diethyl phthalate	ND	660	ug/kg	SW846 8270C
2,4-Dimethylphenol	ND	660	ug/kg	SW846 8270C
Dimethyl phthalate	ND	660	ug/kg	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	3300	ug/kg	SW846 8270C
2,4-Dinitrophenol	ND	3300	ug/kg	SW846 8270C
2,4-Dinitrotoluene	ND	660	ug/kg	SW846 8270C
2,6-Dinitrotoluene	ND	660	ug/kg	SW846 8270C
Di-n-octyl phthalate	ND	660	ug/kg	SW846 8270C
Fluoranthene	ND	660	ug/kg	SW846 8270C
Fluorene	ND	660	ug/kg	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J1QQ11AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Hexachlorobenzene	ND	660	ug/kg	SW846 8270C
Hexachlorocyclopenta-diene	ND	660	ug/kg	SW846 8270C
Hexachloroethane	ND	660	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	660	ug/kg	SW846 8270C
2-Methylnaphthalene	ND	660	ug/kg	SW846 8270C
2-Methylphenol	ND	660	ug/kg	SW846 8270C
Naphthalene	ND	660	ug/kg	SW846 8270C
2-Nitroaniline	ND	3300	ug/kg	SW846 8270C
3-Nitroaniline	ND	3300	ug/kg	SW846 8270C
4-Nitroaniline	ND	3300	ug/kg	SW846 8270C
Nitrobenzene	ND	660	ug/kg	SW846 8270C
2-Nitrophenol	ND	660	ug/kg	SW846 8270C
4-Nitrophenol	ND	3300	ug/kg	SW846 8270C
N-Nitrosodiphenylamine	ND	660	ug/kg	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	660	ug/kg	SW846 8270C
Pentachlorophenol	ND	3300	ug/kg	SW846 8270C
Phenanthrene	ND	660	ug/kg	SW846 8270C
Phenol	ND	660	ug/kg	SW846 8270C
Pyrene	ND	660	ug/kg	SW846 8270C
2,4,5-Trichloro-phenol	ND	660	ug/kg	SW846 8270C
2,4,6-Trichloro-phenol	ND	660	ug/kg	SW846 8270C
bis(2-Chloroisopropyl) ether	ND	660	ug/kg	SW846 8270C
4-Methylphenol	ND	660	ug/kg	SW846 8270C
Hexachlorobutadiene	ND	660	ug/kg	SW846 8270C
Caprolactam	ND	1600	ug/kg	SW846 8270C
Atrazine	ND	330	ug/kg	SW846 8270C
Carbazole	ND	330	ug/kg	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	63	(53 - 120)
Phenol-d5	65	(52 - 120)
Nitrobenzene-d5	61	(50 - 120)
2-Fluorobiphenyl	66	(50 - 120)
2,4,6-Tribromophenol	65	(51 - 120)
Terphenyl-d14	75	(55 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J1QQ11AA **Matrix.....:** SOLID

NOTE(S):

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J00VE1AC **Matrix.....:** WATER
LCS Lot-Sample#: D7F140000-172
Prep Date.....: 06/14/07 **Analysis Date..:** 06/22/07
Prep Batch #...: 7165172 **Analysis Time..:** 13:20
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Acenaphthene	86	(53 - 120)	SW846 8270C
1,2,4-Trichloro-benzene	75	(43 - 120)	SW846 8270C
Acenaphthylene	91	(54 - 120)	SW846 8270C
1,3-Dichlorobenzene	69	(38 - 120)	SW846 8270C
Anthracene	92	(56 - 120)	SW846 8270C
Benzo(a)anthracene	90	(54 - 120)	SW846 8270C
Benzo(b)fluoranthene	88	(57 - 120)	SW846 8270C
Benzo(k)fluoranthene	94	(52 - 120)	SW846 8270C
Benzo(ghi)perylene	89	(53 - 120)	SW846 8270C
Benzo(a)pyrene	84	(53 - 120)	SW846 8270C
bis(2-Chloroethoxy) methane	89	(52 - 120)	SW846 8270C
bis(2-Chloroethyl)-ether	88	(49 - 120)	SW846 8270C
bis(2-Ethylhexyl) phthalate	97	(48 - 120)	SW846 8270C
4-Bromophenyl phenyl ether	85	(52 - 120)	SW846 8270C
Butyl benzyl phthalate	87	(55 - 120)	SW846 8270C
4-Chloroaniline	81	(52 - 120)	SW846 8270C
4-Chloro-3-methylphenol	93	(63 - 120)	SW846 8270C
2-Chloronaphthalene	86	(47 - 120)	SW846 8270C
2-Chlorophenol	88	(57 - 120)	SW846 8270C
4-Chlorophenyl phenyl ether	88	(56 - 120)	SW846 8270C
Chrysene	89	(56 - 120)	SW846 8270C
Dibenz(a,h)anthracene	89	(54 - 120)	SW846 8270C
Dibenzofuran	89	(58 - 120)	SW846 8270C
Di-n-butyl phthalate	96	(52 - 120)	SW846 8270C
3,3'-Dichlorobenzidine	51	(29 - 120)	SW846 8270C
2,4-Dichlorophenol	90	(59 - 120)	SW846 8270C
Diethyl phthalate	95	(61 - 120)	SW846 8270C
2,4-Dimethylphenol	66	(41 - 120)	SW846 8270C

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J00VE1AC **Matrix.....:** WATER
LCS Lot-Sample#: D7F140000-172

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Dimethyl phthalate	93	(61 - 120)	SW846 8270C
4,6-Dinitro-2-methylphenol	88	(37 - 126)	SW846 8270C
2,4-Dinitrophenol	84	(30 - 136)	SW846 8270C
2,4-Dinitrotoluene	92	(51 - 120)	SW846 8270C
2,6-Dinitrotoluene	88	(42 - 125)	SW846 8270C
Di-n-octyl phthalate	96	(47 - 120)	SW846 8270C
Fluoranthene	101	(49 - 120)	SW846 8270C
Fluorene	88	(57 - 120)	SW846 8270C
Hexachlorobenzene	89	(53 - 120)	SW846 8270C
Hexachlorocyclopentadiene	40	(10 - 120)	SW846 8270C
Hexachloroethane	67	(36 - 120)	SW846 8270C
Indeno(1,2,3-cd)pyrene	86	(56 - 120)	SW846 8270C
2-Methylnaphthalene	87	(54 - 120)	SW846 8270C
2-Methylphenol	82	(50 - 120)	SW846 8270C
Naphthalene	82	(46 - 120)	SW846 8270C
2-Nitroaniline	96	(44 - 120)	SW846 8270C
Benzyl alcohol	94	(55 - 120)	SW846 8270C
3-Nitroaniline	91	(49 - 120)	SW846 8270C
4-Nitroaniline	90	(39 - 120)	SW846 8270C
Nitrobenzene	93	(41 - 120)	SW846 8270C
2-Nitrophenol	85	(51 - 120)	SW846 8270C
4-Nitrophenol	93	(49 - 124)	SW846 8270C
N-Nitrosodiphenylamine	68	(58 - 120)	SW846 8270C
N-Nitrosodi-n-propylamine	90	(46 - 120)	SW846 8270C
Pentachlorophenol	92	(52 - 120)	SW846 8270C
Phenanthrene	89	(57 - 120)	SW846 8270C
Benzoic acid	86	(16 - 120)	SW846 8270C
Phenol	88	(52 - 120)	SW846 8270C
Pyrene	93	(56 - 120)	SW846 8270C
2,4,5-Trichlorophenol	93	(60 - 120)	SW846 8270C
2,4,6-Trichlorophenol	84	(52 - 120)	SW846 8270C
bis(2-Chloroisopropyl) ether	86	(37 - 120)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J00VE1AC **Matrix.....:** WATER
LCS Lot-Sample#: D7F140000-172

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
4-Methylphenol	**87**	**(54 - 120)**	**SW846 8270C**
Hexachlorobutadiene	**70**	**(40 - 120)**	**SW846 8270C**
Carbazole	**95**	**(48 - 120)**	**SW846 8270C**
Isophorone	**98**	**(51 - 120)**	**SW846 8270C**
Pyridine	**66**	**(24 - 120)**	**SW846 8270C**
3-Methylphenol & 4-Methylphenol	**87**	**(54 - 120)**	**SW846 8270C**
N-Nitrosodimethylamine	**83**	**(44 - 120)**	**SW846 8270C**
1,2-Dichlorobenzene	**74**	**(40 - 120)**	**SW846 8270C**
1,4-Dichlorobenzene	**70**	**(38 - 120)**	**SW846 8270C**
Aniline	**56**	**(10 - 120)**	**SW846 8270C**
1,2-Diphenylhydrazine (as Azobenzene)	**90**	**(55 - 120)**	**SW846 8270C**
1-Methylnaphthalene	**83**	**(52 - 120)**	**SW846 8270C**
1,4-Dioxane	**79**	**(43 - 120)**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	78	(51 - 120)
Phenol-d5	85	(51 - 120)
Nitrobenzene-d5	89	(48 - 120)
2-Fluorobiphenyl	82	(49 - 120)
2,4,6-Tribromophenol	83	(57 - 120)
Terphenyl-d14	87	(61 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J00VE1AC **Matrix.....:** WATER
LCS Lot-Sample#: D7F140000-172
Prep Date.....: 06/14/07 **Analysis Date..:** 06/22/07
Prep Batch #...: 7165172 **Analysis Time..:** 13:20
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Acenaphthene	100	86.0	ug/L	86	SW846 8270C
1,2,4-Trichloro-benzene	100	74.5	ug/L	75	SW846 8270C
Acenaphthylene	100	90.7	ug/L	91	SW846 8270C
1,3-Dichlorobenzene	100	69.4	ug/L	69	SW846 8270C
Anthracene	100	91.9	ug/L	92	SW846 8270C
Benzo(a)anthracene	100	89.8	ug/L	90	SW846 8270C
Benzo(b)fluoranthene	100	87.6	ug/L	88	SW846 8270C
Benzo(k)fluoranthene	100	94.2	ug/L	94	SW846 8270C
Benzo(ghi)perylene	100	89.4	ug/L	89	SW846 8270C
Benzo(a)pyrene	100	84.4	ug/L	84	SW846 8270C
bis(2-Chloroethoxy) methane	100	89.5	ug/L	89	SW846 8270C
bis(2-Chloroethyl)-ether	100	88.4	ug/L	88	SW846 8270C
bis(2-Ethylhexyl) phthalate	100	96.8	ug/L	97	SW846 8270C
4-Bromophenyl phenyl ether	100	85.4	ug/L	85	SW846 8270C
Butyl benzyl phthalate	100	87.0	ug/L	87	SW846 8270C
4-Chloroaniline	100	81.2	ug/L	81	SW846 8270C
4-Chloro-3-methylphenol	100	92.9	ug/L	93	SW846 8270C
2-Chloronaphthalene	100	85.6	ug/L	86	SW846 8270C
2-Chlorophenol	100	87.5	ug/L	88	SW846 8270C
4-Chlorophenyl phenyl ether	100	88.3	ug/L	88	SW846 8270C
Chrysene	100	88.9	ug/L	89	SW846 8270C
Dibenz(a,h)anthracene	100	89.0	ug/L	89	SW846 8270C
Dibenzofuran	100	89.5	ug/L	89	SW846 8270C
Di-n-butyl phthalate	100	96.3	ug/L	96	SW846 8270C
3,3'-Dichlorobenzidine	100	51.5	ug/L	51	SW846 8270C
2,4-Dichlorophenol	100	89.6	ug/L	90	SW846 8270C
Diethyl phthalate	100	95.5	ug/L	95	SW846 8270C
2,4-Dimethylphenol	100	66.0	ug/L	66	SW846 8270C

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J00VE1AC **Matrix.....:** WATER
LCS Lot-Sample#: D7F140000-172

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Dimethyl phthalate	100	93.1	ug/L	93	SW846 8270C
4,6-Dinitro-2-methylphenol	100	87.7	ug/L	88	SW846 8270C
2,4-Dinitrophenol	100	84.4	ug/L	84	SW846 8270C
2,4-Dinitrotoluene	100	92.4	ug/L	92	SW846 8270C
2,6-Dinitrotoluene	100	87.8	ug/L	88	SW846 8270C
Di-n-octyl phthalate	100	96.1	ug/L	96	SW846 8270C
Fluoranthene	100	101	ug/L	101	SW846 8270C
Fluorene	100	88.3	ug/L	88	SW846 8270C
Hexachlorobenzene	100	88.7	ug/L	89	SW846 8270C
Hexachlorocyclopentadiene	100	40.1	ug/L	40	SW846 8270C
Hexachloroethane	100	66.6	ug/L	67	SW846 8270C
Indeno(1,2,3-cd)pyrene	100	86.0	ug/L	86	SW846 8270C
2-Methylnaphthalene	100	86.7	ug/L	87	SW846 8270C
2-Methylphenol	100	81.6	ug/L	82	SW846 8270C
Naphthalene	100	82.1	ug/L	82	SW846 8270C
2-Nitroaniline	100	95.8	ug/L	96	SW846 8270C
Benzyl alcohol	100	94.2	ug/L	94	SW846 8270C
3-Nitroaniline	100	90.6	ug/L	91	SW846 8270C
4-Nitroaniline	100	89.5	ug/L	90	SW846 8270C
Nitrobenzene	100	93.5	ug/L	93	SW846 8270C
2-Nitrophenol	100	85.0	ug/L	85	SW846 8270C
4-Nitrophenol	100	92.8	ug/L	93	SW846 8270C
N-Nitrosodiphenylamine	100	68.3	ug/L	68	SW846 8270C
N-Nitrosodi-n-propylamine	100	90.0	ug/L	90	SW846 8270C
Pentachlorophenol	100	91.9	ug/L	92	SW846 8270C
Phenanthrene	100	89.4	ug/L	89	SW846 8270C
Benzoic acid	100	85.6	ug/L	86	SW846 8270C
Phenol	100	88.0	ug/L	88	SW846 8270C
Pyrene	100	92.7	ug/L	93	SW846 8270C
2,4,5-Trichlorophenol	100	92.7	ug/L	93	SW846 8270C
2,4,6-Trichlorophenol	100	84.3	ug/L	84	SW846 8270C
bis(2-Chloroisopropyl) ether	100	85.8	ug/L	86	SW846 8270C

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J00VE1AC **Matrix.....:** WATER
LCS Lot-Sample#: D7F140000-172

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
4-Methylphenol	**100**	**86.7**	**ug/L**	**87**	**SW846 8270C**
Hexachlorobutadiene	**100**	**70.1**	**ug/L**	**70**	**SW846 8270C**
Carbazole	**100**	**95.2**	**ug/L**	**95**	**SW846 8270C**
Isophorone	**100**	**98.2**	**ug/L**	**98**	**SW846 8270C**
Pyridine	**100**	**65.9**	**ug/L**	**66**	**SW846 8270C**
3-Methylphenol & 4-Methylphenol	**100**	**86.7**	**ug/L**	**87**	**SW846 8270C**
N-Nitrosodimethylamine	**100**	**83.1**	**ug/L**	**83**	**SW846 8270C**
1,2-Dichlorobenzene	**100**	**74.0**	**ug/L**	**74**	**SW846 8270C**
1,4-Dichlorobenzene	**100**	**69.8**	**ug/L**	**70**	**SW846 8270C**
Aniline	**100**	**55.6**	**ug/L**	**56**	**SW846 8270C**
1,2-Diphenylhydrazine (as Azobenzene)	**100**	**90.1**	**ug/L**	**90**	**SW846 8270C**
1-Methylnaphthalene	**100**	**83.2**	**ug/L**	**83**	**SW846 8270C**
1,4-Dioxane	**100**	**79.4**	**ug/L**	**79**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	78	(51 - 120)
Phenol-d5	85	(51 - 120)
Nitrobenzene-d5	89	(48 - 120)
2-Fluorobiphenyl	82	(49 - 120)
2,4,6-Tribromophenol	83	(57 - 120)
Terphenyl-d14	87	(61 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7F120221
LCS Lot-Sample#: D7F150000-011
Prep Date.....: 06/15/07
Prep Batch #...: 7166011
Dilution Factor: 1

Work Order #...: J03P01AC
Analysis Date..: 06/22/07
Analysis Time..: 12:54

Matrix.....: SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Acenaphthene	83	(52 - 120)	SW846 8270C
1,2,4-Trichloro-benzene	83	(50 - 120)	SW846 8270C
Acenaphthylene	86	(53 - 120)	SW846 8270C
1,3-Dichlorobenzene	82	(46 - 120)	SW846 8270C
Anthracene	82	(57 - 120)	SW846 8270C
Benzo(a)anthracene	79	(55 - 120)	SW846 8270C
Benzo(b)fluoranthene	76	(52 - 120)	SW846 8270C
Benzo(k)fluoranthene	88	(54 - 120)	SW846 8270C
Benzo(ghi)perylene	81	(50 - 120)	SW846 8270C
Benzo(a)pyrene	80	(54 - 120)	SW846 8270C
bis(2-Chloroethoxy) methane	82	(49 - 120)	SW846 8270C
bis(2-Chloroethyl)-ether	84	(48 - 120)	SW846 8270C
bis(2-Ethylhexyl) phthalate	83	(51 - 120)	SW846 8270C
4-Bromophenyl phenyl ether	81	(53 - 120)	SW846 8270C
Butyl benzyl phthalate	86	(49 - 120)	SW846 8270C
4-Chloroaniline	58	(28 - 120)	SW846 8270C
4-Chloro-3-methylphenol	81	(57 - 120)	SW846 8270C
2-Chloronaphthalene	85	(53 - 120)	SW846 8270C
2-Chlorophenol	85	(53 - 120)	SW846 8270C
4-Chlorophenyl phenyl ether	83	(55 - 120)	SW846 8270C
Chrysene	78	(55 - 120)	SW846 8270C
Dibenz(a,h)anthracene	82	(55 - 120)	SW846 8270C
Dibenzofuran	84	(56 - 120)	SW846 8270C
Di-n-butyl phthalate	86	(57 - 120)	SW846 8270C
3,3'-Dichlorobenzidine	65	(34 - 120)	SW846 8270C
2,4-Dichlorophenol	83	(53 - 120)	SW846 8270C
Diethyl phthalate	87	(57 - 120)	SW846 8270C
2,4-Dimethylphenol	73	(53 - 120)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J03P01AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7F150000-011

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Dimethyl phthalate	85	(57 - 120)	SW846 8270C
4,6-Dinitro-2-methylphenol	73	(30 - 120)	SW846 8270C
2,4-Dinitrophenol	61	(15 - 120)	SW846 8270C
2,4-Dinitrotoluene	84	(53 - 120)	SW846 8270C
2,6-Dinitrotoluene	80	(53 - 120)	SW846 8270C
Di-n-octyl phthalate	80	(54 - 120)	SW846 8270C
Fluoranthene	87	(55 - 120)	SW846 8270C
Fluorene	83	(55 - 120)	SW846 8270C
Hexachlorobenzene	81	(51 - 120)	SW846 8270C
Hexachlorocyclopentadiene	85	(35 - 120)	SW846 8270C
Hexachloroethane	79	(46 - 120)	SW846 8270C
Indeno(1,2,3-cd)pyrene	79	(54 - 120)	SW846 8270C
2-Methylnaphthalene	87	(55 - 120)	SW846 8270C
2-Methylphenol	83	(51 - 120)	SW846 8270C
Naphthalene	83	(50 - 120)	SW846 8270C
2-Nitroaniline	83	(50 - 120)	SW846 8270C
Benzyl alcohol	85	(52 - 120)	SW846 8270C
3-Nitroaniline	65	(35 - 120)	SW846 8270C
4-Nitroaniline	85	(44 - 120)	SW846 8270C
Nitrobenzene	82	(49 - 120)	SW846 8270C
2-Nitrophenol	86	(53 - 120)	SW846 8270C
4-Nitrophenol	80	(41 - 120)	SW846 8270C
N-Nitrosodiphenylamine	70	(55 - 120)	SW846 8270C
N-Nitrosodi-n-propylamine	86	(51 - 120)	SW846 8270C
Pentachlorophenol	61	(30 - 120)	SW846 8270C
Phenanthrene	82	(58 - 120)	SW846 8270C
Benzoic acid	29	(10 - 120)	SW846 8270C
Phenol	83	(54 - 120)	SW846 8270C
Pyrene	79	(50 - 120)	SW846 8270C
2,4,5-Trichlorophenol	81	(56 - 120)	SW846 8270C
2,4,6-Trichlorophenol	81	(50 - 120)	SW846 8270C
bis(2-Chloroisopropyl) ether	75	(47 - 120)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J03P01AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7F150000-011

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
4-Methylphenol	**83**	**(53 - 120)**	**SW846 8270C**
Hexachlorobutadiene	**85**	**(48 - 120)**	**SW846 8270C**
Carbazole	**85**	**(54 - 120)**	**SW846 8270C**
Isophorone	**86**	**(46 - 120)**	**SW846 8270C**
Pyridine	**58**	**(23 - 120)**	**SW846 8270C**
3-Methylphenol & 4-Methylphenol	**83**	**(53 - 120)**	**SW846 8270C**
N-Nitrosodimethylamine	**74**	**(41 - 120)**	**SW846 8270C**
1,2-Dichlorobenzene	**85**	**(48 - 120)**	**SW846 8270C**
1,4-Dichlorobenzene	**82**	**(46 - 120)**	**SW846 8270C**
Aniline	**42**	**(17 - 120)**	**SW846 8270C**
1-Methylnaphthalene	**83**	**(52 - 120)**	**SW846 8270C**
1,4-Dioxane	**46**	**(21 - 120)**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	81	(53 - 120)
Phenol-d5	81	(52 - 120)
Nitrobenzene-d5	78	(50 - 120)
2-Fluorobiphenyl	81	(50 - 120)
2,4,6-Tribromophenol	76	(51 - 120)
Terphenyl-d14	79	(55 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J03P01AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7F150000-011
Prep Date.....: 06/15/07 **Analysis Date..:** 06/22/07
Prep Batch #...: 7166011 **Analysis Time..:** 12:54
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Acenaphthene	3450	2880	ug/kg	83	SW846 8270C
1,2,4-Trichloro-benzene	3450	2870	ug/kg	83	SW846 8270C
Acenaphthylene	3450	2960	ug/kg	86	SW846 8270C
1,3-Dichlorobenzene	3450	2820	ug/kg	82	SW846 8270C
Anthracene	3450	2830	ug/kg	82	SW846 8270C
Benzo(a)anthracene	3450	2710	ug/kg	79	SW846 8270C
Benzo(b)fluoranthene	3450	2610	ug/kg	76	SW846 8270C
Benzo(k)fluoranthene	3450	3050	ug/kg	88	SW846 8270C
Benzo(ghi)perylene	3450	2800	ug/kg	81	SW846 8270C
Benzo(a)pyrene	3450	2770	ug/kg	80	SW846 8270C
bis(2-Chloroethoxy) methane	3450	2830	ug/kg	82	SW846 8270C
bis(2-Chloroethyl)-ether	3450	2910	ug/kg	84	SW846 8270C
bis(2-Ethylhexyl) phthalate	3450	2850	ug/kg	83	SW846 8270C
4-Bromophenyl phenyl ether	3450	2800	ug/kg	81	SW846 8270C
Butyl benzyl phthalate	3450	2970	ug/kg	86	SW846 8270C
4-Chloroaniline	3450	2010	ug/kg	58	SW846 8270C
4-Chloro-3-methylphenol	3450	2800	ug/kg	81	SW846 8270C
2-Chloronaphthalene	3450	2930	ug/kg	85	SW846 8270C
2-Chlorophenol	3450	2940	ug/kg	85	SW846 8270C
4-Chlorophenyl phenyl ether	3450	2870	ug/kg	83	SW846 8270C
Chrysene	3450	2690	ug/kg	78	SW846 8270C
Dibenz(a,h)anthracene	3450	2830	ug/kg	82	SW846 8270C
Dibenzofuran	3450	2910	ug/kg	84	SW846 8270C
Di-n-butyl phthalate	3450	2950	ug/kg	86	SW846 8270C
3,3'-Dichlorobenzidine	3450	2240	ug/kg	65	SW846 8270C
2,4-Dichlorophenol	3450	2870	ug/kg	83	SW846 8270C
Diethyl phthalate	3450	2990	ug/kg	87	SW846 8270C
2,4-Dimethylphenol	3450	2520	ug/kg	73	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J03P01AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7F150000-011

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Dimethyl phthalate	3450	2950	ug/kg	85	SW846 8270C
4,6-Dinitro-2-methylphenol	3450	2520	ug/kg	73	SW846 8270C
2,4-Dinitrophenol	3450	2100	ug/kg	61	SW846 8270C
2,4-Dinitrotoluene	3450	2900	ug/kg	84	SW846 8270C
2,6-Dinitrotoluene	3450	2760	ug/kg	80	SW846 8270C
Di-n-octyl phthalate	3450	2770	ug/kg	80	SW846 8270C
Fluoranthene	3450	3000	ug/kg	87	SW846 8270C
Fluorene	3450	2850	ug/kg	83	SW846 8270C
Hexachlorobenzene	3450	2780	ug/kg	81	SW846 8270C
Hexachlorocyclopentadiene	3450	2920	ug/kg	85	SW846 8270C
Hexachloroethane	3450	2710	ug/kg	79	SW846 8270C
Indeno(1,2,3-cd)pyrene	3450	2740	ug/kg	79	SW846 8270C
2-Methylnaphthalene	3450	2990	ug/kg	87	SW846 8270C
2-Methylphenol	3450	2870	ug/kg	83	SW846 8270C
Naphthalene	3450	2860	ug/kg	83	SW846 8270C
2-Nitroaniline	3450	2870	ug/kg	83	SW846 8270C
Benzyl alcohol	3450	2920	ug/kg	85	SW846 8270C
3-Nitroaniline	3450	2240	ug/kg	65	SW846 8270C
4-Nitroaniline	3450	2950	ug/kg	85	SW846 8270C
Nitrobenzene	3450	2820	ug/kg	82	SW846 8270C
2-Nitrophenol	3450	2960	ug/kg	86	SW846 8270C
4-Nitrophenol	3450	2750	ug/kg	80	SW846 8270C
N-Nitrosodiphenylamine	3450	2420	ug/kg	70	SW846 8270C
N-Nitrosodi-n-propylamine	3450	2980	ug/kg	86	SW846 8270C
Pentachlorophenol	3450	2090	ug/kg	61	SW846 8270C
Phenanthrene	3450	2830	ug/kg	82	SW846 8270C
Benzoic acid	3450	992	ug/kg	29	SW846 8270C
Phenol	3450	2850	ug/kg	83	SW846 8270C
Pyrene	3450	2720	ug/kg	79	SW846 8270C
2,4,5-Trichlorophenol	3450	2800	ug/kg	81	SW846 8270C
2,4,6-Trichlorophenol	3450	2800	ug/kg	81	SW846 8270C
bis(2-Chloroisopropyl) ether	3450	2580	ug/kg	75	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J03P01AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7F150000-011

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
4-Methylphenol	**3450**	**2860**	**ug/kg**	**83**	**SW846 8270C**
Hexachlorobutadiene	**3450**	**2910**	**ug/kg**	**85**	**SW846 8270C**
Carbazole	**3450**	**2940**	**ug/kg**	**85**	**SW846 8270C**
Isophorone	**3450**	**2950**	**ug/kg**	**86**	**SW846 8270C**
Pyridine	**3450**	**1990**	**ug/kg**	**58**	**SW846 8270C**
3-Methylphenol & 4-Methylphenol	**3450**	**2860**	**ug/kg**	**83**	**SW846 8270C**
N-Nitrosodimethylamine	**3450**	**2560**	**ug/kg**	**74**	**SW846 8270C**
1,2-Dichlorobenzene	**3450**	**2940**	**ug/kg**	**85**	**SW846 8270C**
1,4-Dichlorobenzene	**3450**	**2820**	**ug/kg**	**82**	**SW846 8270C**
Aniline	**3450**	**1460**	**ug/kg**	**42**	**SW846 8270C**
1-Methylnaphthalene	**3450**	**2870**	**ug/kg**	**83**	**SW846 8270C**
1,4-Dioxane	**3450**	**1600**	**ug/kg**	**46**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	81	(53 - 120)
Phenol-d5	81	(52 - 120)
Nitrobenzene-d5	78	(50 - 120)
2-Fluorobiphenyl	81	(50 - 120)
2,4,6-Tribromophenol	76	(51 - 120)
Terphenyl-d14	79	(55 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7F120221
LCS Lot-Sample#: D7F250000-488
Prep Date.....: 06/25/07
Prep Batch #...: 7176488
Dilution Factor: 1

Work Order #...: J1QQ11AC
Analysis Date..: 06/28/07
Analysis Time..: 11:36

Matrix.....: SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Acenaphthene	68	(52 - 120)	SW846 8270C
1,2,4-Trichloro-benzene	64	(50 - 120)	SW846 8270C
Acenaphthylene	70	(53 - 120)	SW846 8270C
1,3-Dichlorobenzene	60	(46 - 120)	SW846 8270C
Anthracene	76	(57 - 120)	SW846 8270C
Benzo(a)anthracene	74	(55 - 120)	SW846 8270C
Benzo(b)fluoranthene	75	(52 - 120)	SW846 8270C
Benzo(k)fluoranthene	73	(54 - 120)	SW846 8270C
Benzo(ghi)perylene	77	(50 - 120)	SW846 8270C
Benzo(a)pyrene	73	(54 - 120)	SW846 8270C
bis(2-Chloroethoxy) methane	61	(49 - 120)	SW846 8270C
bis(2-Chloroethyl)-ether	60	(48 - 120)	SW846 8270C
bis(2-Ethylhexyl) phthalate	78	(51 - 120)	SW846 8270C
4-Bromophenyl phenyl ether	76	(53 - 120)	SW846 8270C
Butyl benzyl phthalate	77	(49 - 120)	SW846 8270C
4-Chloroaniline	56	(28 - 120)	SW846 8270C
4-Chloro-3-methylphenol	72	(57 - 120)	SW846 8270C
2-Chloronaphthalene	67	(53 - 120)	SW846 8270C
2-Chlorophenol	64	(53 - 120)	SW846 8270C
4-Chlorophenyl phenyl ether	74	(55 - 120)	SW846 8270C
Chrysene	74	(55 - 120)	SW846 8270C
Dibenz(a,h)anthracene	78	(55 - 120)	SW846 8270C
Dibenzofuran	71	(56 - 120)	SW846 8270C
Di-n-butyl phthalate	83	(57 - 120)	SW846 8270C
3,3'-Dichlorobenzidine	72	(34 - 120)	SW846 8270C
2,4-Dichlorophenol	69	(53 - 120)	SW846 8270C
Diethyl phthalate	78	(57 - 120)	SW846 8270C
2,4-Dimethylphenol	61	(53 - 120)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J1QQ11AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7F250000-488

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Dimethyl phthalate	75	(57 - 120)	SW846 8270C
4,6-Dinitro-2-methylphenol	60	(30 - 120)	SW846 8270C
2,4-Dinitrophenol	41	(15 - 120)	SW846 8270C
2,4-Dinitrotoluene	78	(53 - 120)	SW846 8270C
2,6-Dinitrotoluene	71	(53 - 120)	SW846 8270C
Di-n-octyl phthalate	78	(54 - 120)	SW846 8270C
Fluoranthene	84	(55 - 120)	SW846 8270C
Fluorene	72	(55 - 120)	SW846 8270C
Hexachlorobenzene	76	(51 - 120)	SW846 8270C
Hexachlorocyclopentadiene	67	(35 - 120)	SW846 8270C
Hexachloroethane	59	(46 - 120)	SW846 8270C
Indeno(1,2,3-cd)pyrene	75	(54 - 120)	SW846 8270C
2-Methylnaphthalene	69	(55 - 120)	SW846 8270C
2-Methylphenol	64	(51 - 120)	SW846 8270C
Naphthalene	62	(50 - 120)	SW846 8270C
2-Nitroaniline	72	(50 - 120)	SW846 8270C
Benzyl alcohol	67	(52 - 120)	SW846 8270C
3-Nitroaniline	70	(35 - 120)	SW846 8270C
4-Nitroaniline	75	(44 - 120)	SW846 8270C
Nitrobenzene	62	(49 - 120)	SW846 8270C
2-Nitrophenol	64	(53 - 120)	SW846 8270C
4-Nitrophenol	75	(41 - 120)	SW846 8270C
N-Nitrosodiphenylamine	63	(55 - 120)	SW846 8270C
N-Nitrosodi-n-propylamine	64	(51 - 120)	SW846 8270C
Pentachlorophenol	67	(30 - 120)	SW846 8270C
Phenanthrene	75	(58 - 120)	SW846 8270C
Benzoic acid	51	(10 - 120)	SW846 8270C
Phenol	63	(54 - 120)	SW846 8270C
Pyrene	72	(50 - 120)	SW846 8270C
2,4,5-Trichlorophenol	72	(56 - 120)	SW846 8270C
2,4,6-Trichlorophenol	70	(50 - 120)	SW846 8270C
bis(2-Chloroisopropyl) ether	61	(47 - 120)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J1QQ11AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7F250000-488

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
4-Methylphenol	**69**	**(53 - 120)**	**SW846 8270C**
Hexachlorobutadiene	**67**	**(48 - 120)**	**SW846 8270C**
Carbazole	**81**	**(54 - 120)**	**SW846 8270C**
Isophorone	**68**	**(46 - 120)**	**SW846 8270C**
Pyridine	**43**	**(23 - 120)**	**SW846 8270C**
3-Methylphenol & 4-Methylphenol	**69**	**(53 - 120)**	**SW846 8270C**
N-Nitrosodimethylamine	**55**	**(41 - 120)**	**SW846 8270C**
1,2-Dichlorobenzene	**63**	**(48 - 120)**	**SW846 8270C**
1,4-Dichlorobenzene	**60**	**(46 - 120)**	**SW846 8270C**
Aniline	**36**	**(17 - 120)**	**SW846 8270C**
1,2-Diphenylhydrazine (as Azobenzene)	**71**	**(54 - 120)**	**SW846 8270C**
1-Methylnaphthalene	**66**	**(52 - 120)**	**SW846 8270C**
1,4-Dioxane	**33**	**(21 - 120)**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	62	(53 - 120)
Phenol-d5	63	(52 - 120)
Nitrobenzene-d5	62	(50 - 120)
2-Fluorobiphenyl	66	(50 - 120)
2,4,6-Tribromophenol	75	(51 - 120)
Terphenyl-d14	75	(55 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J1QQ11AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7F250000-488
Prep Date.....: 06/25/07 **Analysis Date..:** 06/28/07
Prep Batch #...: 7176488 **Analysis Time..:** 11:36
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Acenaphthene	3270	2210	ug/kg	68	SW846 8270C
1,2,4-Trichloro-benzene	3270	2080	ug/kg	64	SW846 8270C
Acenaphthylene	3270	2280	ug/kg	70	SW846 8270C
1,3-Dichlorobenzene	3270	1980	ug/kg	60	SW846 8270C
Anthracene	3270	2490	ug/kg	76	SW846 8270C
Benzo(a)anthracene	3270	2420	ug/kg	74	SW846 8270C
Benzo(b)fluoranthene	3270	2460	ug/kg	75	SW846 8270C
Benzo(k)fluoranthene	3270	2390	ug/kg	73	SW846 8270C
Benzo(ghi)perylene	3270	2510	ug/kg	77	SW846 8270C
Benzo(a)pyrene	3270	2400	ug/kg	73	SW846 8270C
bis(2-Chloroethoxy) methane	3270	2000	ug/kg	61	SW846 8270C
bis(2-Chloroethyl)-ether	3270	1970	ug/kg	60	SW846 8270C
bis(2-Ethylhexyl) phthalate	3270	2560	ug/kg	78	SW846 8270C
4-Bromophenyl phenyl ether	3270	2490	ug/kg	76	SW846 8270C
Butyl benzyl phthalate	3270	2520	ug/kg	77	SW846 8270C
4-Chloroaniline	3270	1830	ug/kg	56	SW846 8270C
4-Chloro-3-methylphenol	3270	2360	ug/kg	72	SW846 8270C
2-Chloronaphthalene	3270	2190	ug/kg	67	SW846 8270C
2-Chlorophenol	3270	2090	ug/kg	64	SW846 8270C
4-Chlorophenyl phenyl ether	3270	2400	ug/kg	74	SW846 8270C
Chrysene	3270	2400	ug/kg	74	SW846 8270C
Dibenz(a,h)anthracene	3270	2560	ug/kg	78	SW846 8270C
Dibenzofuran	3270	2320	ug/kg	71	SW846 8270C
Di-n-butyl phthalate	3270	2720	ug/kg	83	SW846 8270C
3,3'-Dichlorobenzidine	3270	2340	ug/kg	72	SW846 8270C
2,4-Dichlorophenol	3270	2270	ug/kg	69	SW846 8270C
Diethyl phthalate	3270	2540	ug/kg	78	SW846 8270C
2,4-Dimethylphenol	3270	2000	ug/kg	61	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J1QQ11AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7F250000-488

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Dimethyl phthalate	3270	2460	ug/kg	75	SW846 8270C
4,6-Dinitro-2-methylphenol	3270	1950	ug/kg	60	SW846 8270C
2,4-Dinitrophenol	3270	1340	ug/kg	41	SW846 8270C
2,4-Dinitrotoluene	3270	2550	ug/kg	78	SW846 8270C
2,6-Dinitrotoluene	3270	2320	ug/kg	71	SW846 8270C
Di-n-octyl phthalate	3270	2550	ug/kg	78	SW846 8270C
Fluoranthene	3270	2750	ug/kg	84	SW846 8270C
Fluorene	3270	2340	ug/kg	72	SW846 8270C
Hexachlorobenzene	3270	2500	ug/kg	76	SW846 8270C
Hexachlorocyclopentadiene	3270	2180	ug/kg	67	SW846 8270C
Hexachloroethane	3270	1940	ug/kg	59	SW846 8270C
Indeno(1,2,3-cd)pyrene	3270	2450	ug/kg	75	SW846 8270C
2-Methylnaphthalene	3270	2250	ug/kg	69	SW846 8270C
2-Methylphenol	3270	2090	ug/kg	64	SW846 8270C
Naphthalene	3270	2030	ug/kg	62	SW846 8270C
2-Nitroaniline	3270	2360	ug/kg	72	SW846 8270C
Benzyl alcohol	3270	2180	ug/kg	67	SW846 8270C
3-Nitroaniline	3270	2300	ug/kg	70	SW846 8270C
4-Nitroaniline	3270	2460	ug/kg	75	SW846 8270C
Nitrobenzene	3270	2030	ug/kg	62	SW846 8270C
2-Nitrophenol	3270	2090	ug/kg	64	SW846 8270C
4-Nitrophenol	3270	2450	ug/kg	75	SW846 8270C
N-Nitrosodiphenylamine	3270	2060	ug/kg	63	SW846 8270C
N-Nitrosodi-n-propylamine	3270	2090	ug/kg	64	SW846 8270C
Pentachlorophenol	3270	2200	ug/kg	67	SW846 8270C
Phenanthrene	3270	2430	ug/kg	75	SW846 8270C
Benzoic acid	3270	1650	ug/kg	51	SW846 8270C
Phenol	3270	2050	ug/kg	63	SW846 8270C
Pyrene	3270	2360	ug/kg	72	SW846 8270C
2,4,5-Trichlorophenol	3270	2340	ug/kg	72	SW846 8270C
2,4,6-Trichlorophenol	3270	2270	ug/kg	70	SW846 8270C
bis(2-Chloroisopropyl) ether	3270	2010	ug/kg	61	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J1QQ11AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7F250000-488

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
4-Methylphenol	**3270**	**2250**	**ug/kg**	**69**	**SW846 8270C**
Hexachlorobutadiene	**3270**	**2190**	**ug/kg**	**67**	**SW846 8270C**
Carbazole	**3270**	**2630**	**ug/kg**	**81**	**SW846 8270C**
Isophorone	**3270**	**2220**	**ug/kg**	**68**	**SW846 8270C**
Pyridine	**3270**	**1420**	**ug/kg**	**43**	**SW846 8270C**
3-Methylphenol & 4-Methylphenol	**3270**	**2250**	**ug/kg**	**69**	**SW846 8270C**
N-Nitrosodimethylamine	**3270**	**1800**	**ug/kg**	**55**	**SW846 8270C**
1,2-Dichlorobenzene	**3270**	**2050**	**ug/kg**	**63**	**SW846 8270C**
1,4-Dichlorobenzene	**3270**	**1970**	**ug/kg**	**60**	**SW846 8270C**
Aniline	**3270**	**1190**	**ug/kg**	**36**	**SW846 8270C**
1,2-Diphenylhydrazine (as Azobenzene)	**3270**	**2320**	**ug/kg**	**71**	**SW846 8270C**
1-Methylnaphthalene	**3270**	**2170**	**ug/kg**	**66**	**SW846 8270C**
1,4-Dioxane	**3270**	**1070**	**ug/kg**	**33**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	62	(53 - 120)
Phenol-d5	63	(52 - 120)
Nitrobenzene-d5	62	(50 - 120)
2-Fluorobiphenyl	66	(50 - 120)
2,4,6-Tribromophenol	75	(51 - 120)
Terphenyl-d14	75	(55 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7F120221
MS Lot-Sample #: D7F120221-005
Date Sampled...: 06/10/07 10:23
Prep Date.....: 06/14/07
Prep Batch #...: 7165172
Dilution Factor: 1

Work Order #...: J0R021CH-MS
J0R021CJ-MSD
Date Received..: 06/12/07
Analysis Date..: 06/22/07
Analysis Time..: 13:40

Matrix.....: WG

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acenaphthene	71	(53 - 120)			SW846 8270C
	74	(53 - 120)	8.9	(0-30)	SW846 8270C
1,2,4-Trichloro-benzene	53	(43 - 120)			SW846 8270C
	61	(43 - 120)	19	(0-42)	SW846 8270C
Acenaphthylene	57	(54 - 120)			SW846 8270C
	77 p	(54 - 120)	34	(0-30)	SW846 8270C
1,3-Dichlorobenzene	45	(38 - 120)			SW846 8270C
	52	(38 - 120)	18	(0-52)	SW846 8270C
Anthracene	82	(56 - 120)			SW846 8270C
	85	(56 - 120)	8.5	(0-30)	SW846 8270C
Benzo(a)anthracene	80	(54 - 120)			SW846 8270C
	82	(54 - 120)	6.4	(0-30)	SW846 8270C
Benzo(b)fluoranthene	78	(57 - 120)			SW846 8270C
	84	(57 - 120)	12	(0-38)	SW846 8270C
Benzo(k)fluoranthene	84	(52 - 120)			SW846 8270C
	80	(52 - 120)	0.67	(0-37)	SW846 8270C
Benzo(ghi)perylene	76	(53 - 120)			SW846 8270C
	81	(53 - 120)	9.5	(0-30)	SW846 8270C
Benzo(a)pyrene	76	(53 - 120)			SW846 8270C
	77	(53 - 120)	5.9	(0-30)	SW846 8270C
bis(2-Chloroethoxy) methane	65	(52 - 120)			SW846 8270C
	76	(52 - 120)	20	(0-30)	SW846 8270C
bis(2-Chloroethyl)-ether	62	(49 - 120)			SW846 8270C
	71	(49 - 120)	17	(0-34)	SW846 8270C
bis(2-Ethylhexyl) phthalate	87	(48 - 120)			SW846 8270C
	89	(48 - 120)	6.4	(0-30)	SW846 8270C
4-Bromophenyl phenyl ether	78	(52 - 120)			SW846 8270C
	81	(52 - 120)	8.2	(0-31)	SW846 8270C
Butyl benzyl phthalate	78	(55 - 120)			SW846 8270C
	79	(55 - 120)	5.5	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J0R021CH-MS **Matrix.....:** WG
MS Lot-Sample #: D7F120221-005 J0R021CJ-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
4-Chloroaniline	51 a	(52 - 120)			SW846 8270C
	68	(52 - 120)	31	(0-54)	SW846 8270C
4-Chloro-3-methylphenol	79	(63 - 120)			SW846 8270C
	83	(63 - 120)	9.1	(0-30)	SW846 8270C
2-Chloronaphthalene	66	(47 - 120)			SW846 8270C
	73	(47 - 120)	15	(0-30)	SW846 8270C
2-Chlorophenol	65	(57 - 120)			SW846 8270C
	77	(57 - 120)	21	(0-30)	SW846 8270C
4-Chlorophenyl phenyl ether	81	(56 - 120)			SW846 8270C
	80	(56 - 120)	2.6	(0-30)	SW846 8270C
Chrysene	80	(56 - 120)			SW846 8270C
	84	(56 - 120)	8.5	(0-30)	SW846 8270C
Dibenz(a,h)anthracene	76	(54 - 120)			SW846 8270C
	81	(54 - 120)	11	(0-30)	SW846 8270C
Dibenzofuran	77	(58 - 120)			SW846 8270C
	78	(58 - 120)	5.7	(0-30)	SW846 8270C
Di-n-butyl phthalate	88	(52 - 120)			SW846 8270C
	90	(52 - 120)	6.8	(0-30)	SW846 8270C
3,3'-Dichlorobenzidine	9.6 a	(29 - 120)			SW846 8270C
	12 a	(29 - 120)	28	(0-30)	SW846 8270C
2,4-Dichlorophenol	68	(59 - 120)			SW846 8270C
	81	(59 - 120)	21	(0-30)	SW846 8270C
Diethyl phthalate	86	(61 - 120)			SW846 8270C
	84	(61 - 120)	1.2	(0-30)	SW846 8270C
2,4-Dimethylphenol	58	(41 - 120)			SW846 8270C
	61	(41 - 120)	9.4	(0-30)	SW846 8270C
Dimethyl phthalate	84	(61 - 120)			SW846 8270C
	82	(61 - 120)	2.6	(0-30)	SW846 8270C
4,6-Dinitro-2-methylphenol	51	(37 - 126)			SW846 8270C
	81 p	(37 - 126)	51	(0-37)	SW846 8270C
2,4-Dinitrophenol	34	(30 - 136)			SW846 8270C
	80 p	(30 - 136)	84	(0-49)	SW846 8270C
2,4-Dinitrotoluene	80	(51 - 120)			SW846 8270C
	83	(51 - 120)	7.7	(0-32)	SW846 8270C
2,6-Dinitrotoluene	79	(42 - 125)			SW846 8270C
	78	(42 - 125)	3.3	(0-30)	SW846 8270C
Di-n-octyl phthalate	86	(47 - 120)			SW846 8270C
	89	(47 - 120)	7.4	(0-30)	SW846 8270C

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J0R021CH-MS **Matrix.....:** WG
MS Lot-Sample #: D7F120221-005 J0R021CJ-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Fluoranthene	90	(49 - 120)			SW846 8270C
	94	(49 - 120)	8.9	(0-34)	SW846 8270C
Fluorene	77	(57 - 120)			SW846 8270C
	78	(57 - 120)	4.9	(0-30)	SW846 8270C
Hexachlorobenzene	78	(53 - 120)			SW846 8270C
	82	(53 - 120)	7.9	(0-30)	SW846 8270C
Hexachlorocyclopenta-diene	36	(10 - 120)			SW846 8270C
	36	(10 - 120)	4.4	(0-72)	SW846 8270C
Hexachloroethane	44	(36 - 120)			SW846 8270C
	48	(36 - 120)	15	(0-57)	SW846 8270C
Indeno(1,2,3-cd)pyrene	74	(56 - 120)			SW846 8270C
	78	(56 - 120)	9.2	(0-30)	SW846 8270C
2-Methylnaphthalene	65	(54 - 120)			SW846 8270C
	74	(54 - 120)	17	(0-32)	SW846 8270C
2-Methylphenol	64	(50 - 120)			SW846 8270C
	73	(50 - 120)	17	(0-30)	SW846 8270C
Naphthalene	59	(46 - 120)			SW846 8270C
	69	(46 - 120)	19	(0-34)	SW846 8270C
2-Nitroaniline	64	(44 - 120)			SW846 8270C
	81	(44 - 120)	27	(0-30)	SW846 8270C
Benzyl alcohol	72	(55 - 120)			SW846 8270C
	84	(55 - 120)	20	(0-30)	SW846 8270C
3-Nitroaniline	28 a	(49 - 120)			SW846 8270C
	59 p	(49 - 120)	75	(0-35)	SW846 8270C
4-Nitroaniline	10 a	(39 - 120)			SW846 8270C
	41 p	(39 - 120)	122	(0-34)	SW846 8270C
Nitrobenzene	131 a	(41 - 120)			SW846 8270C
	94	(41 - 120)	29	(0-30)	SW846 8270C
2-Nitrophenol	63	(51 - 120)			SW846 8270C
	75	(51 - 120)	22	(0-30)	SW846 8270C
4-Nitrophenol	80	(49 - 124)			SW846 8270C
	80	(49 - 124)	3.8	(0-35)	SW846 8270C
N-Nitrosodiphenylamine	52 a	(58 - 120)			SW846 8270C
	58	(58 - 120)	15	(0-37)	SW846 8270C
N-Nitrosodi-n-propyl-amine	70	(46 - 120)			SW846 8270C
	80	(46 - 120)	18	(0-30)	SW846 8270C
Pentachlorophenol	74	(52 - 120)			SW846 8270C
	95	(52 - 120)	29	(0-33)	SW846 8270C

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J0R021CH-MS **Matrix.....:** WG
MS Lot-Sample #: D7F120221-005 J0R021CJ-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Phenanthrene	80	(57 - 120)			SW846 8270C
	83	(57 - 120)	7.7	(0-30)	SW846 8270C
Benzoic acid	0.0 a	(16 - 120)			SW846 8270C
	113 p	(16 - 120)	200	(0-72)	SW846 8270C
Phenol	68	(52 - 120)			SW846 8270C
	76	(52 - 120)	15	(0-42)	SW846 8270C
Pyrene	85	(56 - 120)			SW846 8270C
	85	(56 - 120)	4.0	(0-30)	SW846 8270C
2,4,5-Trichloro-phenol	77	(60 - 120)			SW846 8270C
	80	(60 - 120)	8.2	(0-30)	SW846 8270C
2,4,6-Trichloro-phenol	67	(52 - 120)			SW846 8270C
	75	(52 - 120)	15	(0-30)	SW846 8270C
bis(2-Chloroisopropyl) ether	65	(37 - 120)			SW846 8270C
	73	(37 - 120)	15	(0-30)	SW846 8270C
4-Methylphenol	66	(54 - 120)			SW846 8270C
	77	(54 - 120)	19	(0-30)	SW846 8270C
Hexachlorobutadiene	49	(40 - 120)			SW846 8270C
	59	(40 - 120)	22	(0-47)	SW846 8270C
Carbazole	83	(48 - 120)			SW846 8270C
	87	(48 - 120)	8.5	(0-30)	SW846 8270C
Isophorone	77	(51 - 120)			SW846 8270C
	87	(51 - 120)	16	(0-30)	SW846 8270C
Pyridine	54	(24 - 120)			SW846 8270C
	60	(24 - 120)	14	(0-38)	SW846 8270C
3-Methylphenol & 4-Methylphenol	66	(54 - 120)			SW846 8270C
	77	(54 - 120)	19	(0-30)	SW846 8270C
N-Nitrosodimethylamine	60	(44 - 120)			SW846 8270C
	67	(44 - 120)	15	(0-43)	SW846 8270C
1,2-Dichlorobenzene	76	(40 - 120)			SW846 8270C
	65	(40 - 120)	11	(0-49)	SW846 8270C
1,4-Dichlorobenzene	46	(38 - 120)			SW846 8270C
	52	(38 - 120)	16	(0-52)	SW846 8270C
Aniline	34	(10 - 120)			SW846 8270C
	48 p	(10 - 120)	37	(0-30)	SW846 8270C

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J0R021CH-MS **Matrix.....:** WG
MS Lot-Sample #: D7F120221-005 J0R021CJ-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2-Diphenylhydrazine (as Azobenzene)	**84**	**(55 - 120)**			**SW846 8270C**
	82	**(55 - 120)**	**1.4**	**(0-30)**	**SW846 8270C**
1-Methylnaphthalene	**63**	**(52 - 120)**			**SW846 8270C**
	71	**(52 - 120)**	**16**	**(0-30)**	**SW846 8270C**
1,4-Dioxane	**51**	**(43 - 120)**			**SW846 8270C**
	64	**(43 - 120)**	**27**	**(0-39)**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	54	(51 - 120)
	65	(51 - 120)
Phenol-d5	63	(51 - 120)
	74	(51 - 120)
Nitrobenzene-d5	66	(48 - 120)
	76	(48 - 120)
2-Fluorobiphenyl	64	(49 - 120)
	68	(49 - 120)
2,4,6-Tribromophenol	72	(57 - 120)
	78	(57 - 120)
Terphenyl-d14	79	(61 - 120)
	79	(61 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

p Relative percent difference (RPD) is outside stated control limits.

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7F120221
MS Lot-Sample #: D7F120221-005
Date Sampled...: 06/10/07 10:23
Prep Date.....: 06/14/07
Prep Batch #...: 7165172
Dilution Factor: 1

Work Order #...: J0R021CH-MS
J0R021CJ-MSD
Date Received..: 06/12/07
Analysis Date..: 06/22/07
Analysis Time..: 13:40

Matrix.....: WG

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Acenaphthene	ND	109	77.5	ug/L	71		SW846 8270C
	ND	114	84.7	ug/L	74	8.9	SW846 8270C
1,2,4-Trichloro-benzene	ND	109	57.6	ug/L	53		SW846 8270C
	ND	114	69.5	ug/L	61	19	SW846 8270C
Acenaphthylene	ND	109	62.5	ug/L	57		SW846 8270C
	ND	114	87.8	ug/L	77 p	34	SW846 8270C
1,3-Dichlorobenzene	ND	109	49.2	ug/L	45		SW846 8270C
	ND	114	59.2	ug/L	52	18	SW846 8270C
Anthracene	ND	109	89.2	ug/L	82		SW846 8270C
	ND	114	97.1	ug/L	85	8.5	SW846 8270C
Benzo(a)anthracene	ND	109	87.7	ug/L	80		SW846 8270C
	ND	114	93.5	ug/L	82	6.4	SW846 8270C
Benzo(b)fluoranthene	ND	109	85.5	ug/L	78		SW846 8270C
	ND	114	95.9	ug/L	84	12	SW846 8270C
Benzo(k)fluoranthene	ND	109	92.0	ug/L	84		SW846 8270C
	ND	114	91.3	ug/L	80	0.67	SW846 8270C
Benzo(ghi)perylene	ND	109	83.5	ug/L	76		SW846 8270C
	ND	114	91.8	ug/L	81	9.5	SW846 8270C
Benzo(a)pyrene	ND	109	82.8	ug/L	76		SW846 8270C
	ND	114	87.9	ug/L	77	5.9	SW846 8270C
bis(2-Chloroethoxy) methane	ND	109	71.3	ug/L	65		SW846 8270C
	ND	114	87.1	ug/L	76	20	SW846 8270C
bis(2-Chloroethyl)-ether	ND	109	68.3	ug/L	62		SW846 8270C
	ND	114	80.7	ug/L	71	17	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	109	94.7	ug/L	87		SW846 8270C
	ND	114	101	ug/L	89	6.4	SW846 8270C
4-Bromophenyl phenyl ether	ND	109	85.2	ug/L	78		SW846 8270C
	ND	114	92.4	ug/L	81	8.2	SW846 8270C
Butyl benzyl phthalate	ND	109	84.9	ug/L	78		SW846 8270C
	ND	114	89.6	ug/L	79	5.5	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J0R021CH-MS **Matrix.....:** WG
MS Lot-Sample #: D7F120221-005 J0R021CJ-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
4-Chloroaniline	ND	109	56.3	ug/L	51 a		SW846 8270C
	ND	114	77.3	ug/L	68	31	SW846 8270C
4-Chloro-3-methylphenol	ND	109	85.9	ug/L	79		SW846 8270C
	ND	114	94.1	ug/L	83	9.1	SW846 8270C
2-Chloronaphthalene	ND	109	72.2	ug/L	66		SW846 8270C
	ND	114	83.7	ug/L	73	15	SW846 8270C
2-Chlorophenol	ND	109	70.6	ug/L	65		SW846 8270C
	ND	114	87.4	ug/L	77	21	SW846 8270C
4-Chlorophenyl phenyl ether	ND	109	88.9	ug/L	81		SW846 8270C
	ND	114	91.2	ug/L	80	2.6	SW846 8270C
Chrysene	ND	109	87.7	ug/L	80		SW846 8270C
	ND	114	95.5	ug/L	84	8.5	SW846 8270C
Dibenz(a,h)anthracene	ND	109	83.0	ug/L	76		SW846 8270C
	ND	114	92.2	ug/L	81	11	SW846 8270C
Dibenzofuran	ND	109	84.5	ug/L	77		SW846 8270C
	ND	114	89.4	ug/L	78	5.7	SW846 8270C
Di-n-butyl phthalate	ND	109	96.3	ug/L	88		SW846 8270C
	ND	114	103	ug/L	90	6.8	SW846 8270C
3,3'-Dichlorobenzidine	ND	109	10.6	ug/L	9.6 a		SW846 8270C
	ND	114	13.9	ug/L	12 a	28	SW846 8270C
2,4-Dichlorophenol	ND	109	74.6	ug/L	68		SW846 8270C
	ND	114	92.2	ug/L	81	21	SW846 8270C
Diethyl phthalate	ND	109	94.5	ug/L	86		SW846 8270C
	ND	114	95.6	ug/L	84	1.2	SW846 8270C
2,4-Dimethylphenol	ND	109	63.6	ug/L	58		SW846 8270C
	ND	114	69.9	ug/L	61	9.4	SW846 8270C
Dimethyl phthalate	ND	109	91.6	ug/L	84		SW846 8270C
	ND	114	94.0	ug/L	82	2.6	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	109	55.4	ug/L	51		SW846 8270C
	ND	114	92.9	ug/L	81 p	51	SW846 8270C
2,4-Dinitrophenol	ND	109	37.4	ug/L	34		SW846 8270C
	ND	114	91.4	ug/L	80 p	84	SW846 8270C
2,4-Dinitrotoluene	ND	109	87.3	ug/L	80		SW846 8270C
	ND	114	94.2	ug/L	83	7.7	SW846 8270C
2,6-Dinitrotoluene	ND	109	86.6	ug/L	79		SW846 8270C
	ND	114	89.5	ug/L	78	3.3	SW846 8270C
Di-n-octyl phthalate	ND	109	94.0	ug/L	86		SW846 8270C
	ND	114	101	ug/L	89	7.4	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J0R021CH-MS **Matrix.....:** WG
MS Lot-Sample #: D7F120221-005 J0R021CJ-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Fluoranthene	ND	109	98.4	ug/L	90		SW846 8270C
	ND	114	108	ug/L	94	8.9	SW846 8270C
Fluorene	ND	109	84.8	ug/L	77		SW846 8270C
	ND	114	89.0	ug/L	78	4.9	SW846 8270C
Hexachlorobenzene	ND	109	85.9	ug/L	78		SW846 8270C
	ND	114	92.9	ug/L	82	7.9	SW846 8270C
Hexachlorocyclopenta-diene	ND	109	39.4	ug/L	36		SW846 8270C
	ND	114	41.2	ug/L	36	4.4	SW846 8270C
Hexachloroethane	ND	109	47.7	ug/L	44		SW846 8270C
	ND	114	55.3	ug/L	48	15	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	109	80.6	ug/L	74		SW846 8270C
	ND	114	88.4	ug/L	78	9.2	SW846 8270C
2-Methylnaphthalene	ND	109	71.1	ug/L	65		SW846 8270C
	ND	114	84.7	ug/L	74	17	SW846 8270C
2-Methylphenol	ND	109	70.2	ug/L	64		SW846 8270C
	ND	114	83.4	ug/L	73	17	SW846 8270C
Naphthalene	ND	109	64.6	ug/L	59		SW846 8270C
	ND	114	78.6	ug/L	69	19	SW846 8270C
2-Nitroaniline	ND	109	70.5	ug/L	64		SW846 8270C
	ND	114	92.7	ug/L	81	27	SW846 8270C
Benzyl alcohol	ND	109	78.3	ug/L	72		SW846 8270C
	ND	114	95.6	ug/L	84	20	SW846 8270C
3-Nitroaniline	ND	109	30.3	ug/L	28 a		SW846 8270C
	ND	114	66.8	ug/L	59 p	75	SW846 8270C
4-Nitroaniline	ND	109	11.4	ug/L	10 a		SW846 8270C
	ND	114	47.2	ug/L	41 p	122	SW846 8270C
Nitrobenzene	ND	109	144	ug/L	131 a		SW846 8270C
	ND	114	107	ug/L	94	29	SW846 8270C
2-Nitrophenol	ND	109	68.7	ug/L	63		SW846 8270C
	ND	114	85.7	ug/L	75	22	SW846 8270C
4-Nitrophenol	ND	109	87.9	ug/L	80		SW846 8270C
	ND	114	91.3	ug/L	80	3.8	SW846 8270C
N-Nitrosodiphenylamine	ND	109	57.0	ug/L	52 a		SW846 8270C
	ND	114	66.1	ug/L	58	15	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	109	76.3	ug/L	70		SW846 8270C
	ND	114	91.0	ug/L	80	18	SW846 8270C
Pentachlorophenol	ND	109	80.6	ug/L	74		SW846 8270C
	ND	114	108	ug/L	95	29	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J0R021CH-MS **Matrix.....:** WG
MS Lot-Sample #: D7F120221-005 J0R021CJ-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Phenanthrene	ND	109	87.3	ug/L	80		SW846 8270C
	ND	114	94.3	ug/L	83	7.7	SW846 8270C
Benzoic acid	ND	109	0.0	ug/L	0.0 a		SW846 8270C
	ND	114	129	ug/L	113 p	200	SW846 8270C
Phenol	ND	109	74.8	ug/L	68		SW846 8270C
	ND	114	87.0	ug/L	76	15	SW846 8270C
Pyrene	ND	109	92.9	ug/L	85		SW846 8270C
	ND	114	96.7	ug/L	85	4.0	SW846 8270C
2,4,5-Trichloro-phenol	ND	109	84.1	ug/L	77		SW846 8270C
	ND	114	91.2	ug/L	80	8.2	SW846 8270C
2,4,6-Trichloro-phenol	ND	109	73.2	ug/L	67		SW846 8270C
	ND	114	85.2	ug/L	75	15	SW846 8270C
bis(2-Chloroisopropyl) ether	ND	109	71.5	ug/L	65		SW846 8270C
	ND	114	83.5	ug/L	73	15	SW846 8270C
4-Methylphenol	ND	109	72.7	ug/L	66		SW846 8270C
	ND	114	88.0	ug/L	77	19	SW846 8270C
Hexachlorobutadiene	ND	109	53.9	ug/L	49		SW846 8270C
	ND	114	66.8	ug/L	59	22	SW846 8270C
Carbazole	ND	109	90.8	ug/L	83		SW846 8270C
	ND	114	98.9	ug/L	87	8.5	SW846 8270C
Isophorone	ND	109	84.6	ug/L	77		SW846 8270C
	ND	114	99.3	ug/L	87	16	SW846 8270C
Pyridine	ND	109	59.5	ug/L	54		SW846 8270C
	ND	114	68.3	ug/L	60	14	SW846 8270C
3-Methylphenol & 4-Methylphenol	ND	109	72.7	ug/L	66		SW846 8270C
	ND	114	88.0	ug/L	77	19	SW846 8270C
N-Nitrosodimethylamine	ND	109	65.9	ug/L	60		SW846 8270C
	ND	114	76.5	ug/L	67	15	SW846 8270C
1,2-Dichlorobenzene	ND	109	83.3	ug/L	76		SW846 8270C
	ND	114	74.3	ug/L	65	11	SW846 8270C
1,4-Dichlorobenzene	ND	109	50.0	ug/L	46		SW846 8270C
	ND	114	58.7	ug/L	52	16	SW846 8270C
Aniline	ND	109	37.2	ug/L	34		SW846 8270C
	ND	114	54.2	ug/L	48 p	37	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J0R021CH-MS **Matrix.....:** WG
MS Lot-Sample #: D7F120221-005 J0R021CJ-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,2-Diphenylhydrazine (as Azobenzene)	**ND**	**109**	**92.1**	**ug/L**	**84**		**SW846 8270C**
	ND	**114**	**93.4**	**ug/L**	**82**	**1.4**	**SW846 8270C**
1-Methylnaphthalene	**ND**	**109**	**68.7**	**ug/L**	**63**		**SW846 8270C**
	ND	**114**	**80.9**	**ug/L**	**71**	**16**	**SW846 8270C**
1,4-Dioxane	**ND**	**109**	**55.5**	**ug/L**	**51**		**SW846 8270C**
	ND	**114**	**72.8**	**ug/L**	**64**	**27**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	54	(51 - 120)
	65	(51 - 120)
Phenol-d5	63	(51 - 120)
	74	(51 - 120)
Nitrobenzene-d5	66	(48 - 120)
	76	(48 - 120)
2-Fluorobiphenyl	64	(49 - 120)
	68	(49 - 120)
2,4,6-Tribromophenol	72	(57 - 120)
	78	(57 - 120)
Terphenyl-d14	79	(61 - 120)
	79	(61 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

p Relative percent difference (RPD) is outside stated control limits.

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J0R251CD-MS **Matrix.....:** SO
MS Lot-Sample #: D7F120221-020 J0R251CE-MSD
Date Sampled...: 06/10/07 14:15 **Date Received..:** 06/12/07
Prep Date.....: 06/15/07 **Analysis Date..:** 06/22/07
Prep Batch #...: 7166011 **Analysis Time..:** 13:13
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acenaphthene	84	(52 - 120)			SW846 8270C
	78	(52 - 120)	6.0	(0-30)	SW846 8270C
1,2,4-Trichloro-benzene	79	(50 - 120)			SW846 8270C
	69	(50 - 120)	12	(0-30)	SW846 8270C
Acenaphthylene	86	(53 - 120)			SW846 8270C
	80	(53 - 120)	6.7	(0-30)	SW846 8270C
1,3-Dichlorobenzene	74	(46 - 120)			SW846 8270C
	60	(46 - 120)	19	(0-32)	SW846 8270C
Anthracene	84	(57 - 120)			SW846 8270C
	79	(57 - 120)	5.4	(0-30)	SW846 8270C
Benzo(a)anthracene	80	(55 - 120)			SW846 8270C
	76	(55 - 120)	4.3	(0-30)	SW846 8270C
Benzo(b)fluoranthene	80	(52 - 120)			SW846 8270C
	73	(52 - 120)	7.6	(0-44)	SW846 8270C
Benzo(k)fluoranthene	92	(54 - 120)			SW846 8270C
	87	(54 - 120)	4.6	(0-30)	SW846 8270C
Benzo(ghi)perylene	85	(50 - 120)			SW846 8270C
	78	(50 - 120)	7.4	(0-31)	SW846 8270C
Benzo(a)pyrene	83	(54 - 120)			SW846 8270C
	77	(54 - 120)	5.4	(0-30)	SW846 8270C
bis(2-Chloroethoxy) methane	82	(49 - 120)			SW846 8270C
	73	(49 - 120)	11	(0-30)	SW846 8270C
bis(2-Chloroethyl)-ether	78	(48 - 120)			SW846 8270C
	67	(48 - 120)	14	(0-30)	SW846 8270C
bis(2-Ethylhexyl) phthalate	80	(51 - 120)			SW846 8270C
	77	(51 - 120)	2.5	(0-30)	SW846 8270C
4-Bromophenyl phenyl ether	85	(53 - 120)			SW846 8270C
	77	(53 - 120)	8.8	(0-30)	SW846 8270C
Butyl benzyl phthalate	83	(49 - 120)			SW846 8270C
	80	(49 - 120)	1.8	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J0R251CD-MS **Matrix.....:** SO
MS Lot-Sample #: D7F120221-020 J0R251CE-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
4-Chloroaniline	62	(28 - 120)			SW846 8270C
	56	(28 - 120)	10	(0-30)	SW846 8270C
4-Chloro-3-methylphenol	84	(57 - 120)			SW846 8270C
	77	(57 - 120)	8.4	(0-30)	SW846 8270C
2-Chloronaphthalene	85	(53 - 120)			SW846 8270C
	78	(53 - 120)	8.7	(0-30)	SW846 8270C
2-Chlorophenol	82	(53 - 120)			SW846 8270C
	73	(53 - 120)	11	(0-30)	SW846 8270C
4-Chlorophenyl phenyl ether	83	(55 - 120)			SW846 8270C
	79	(55 - 120)	3.3	(0-30)	SW846 8270C
Chrysene	81	(55 - 120)			SW846 8270C
	75	(55 - 120)	7.1	(0-35)	SW846 8270C
Dibenz(a,h)anthracene	87	(55 - 120)			SW846 8270C
	80	(55 - 120)	7.4	(0-30)	SW846 8270C
Dibenzofuran	85	(56 - 120)			SW846 8270C
	80	(56 - 120)	5.4	(0-30)	SW846 8270C
Di-n-butyl phthalate	87	(57 - 120)			SW846 8270C
	83	(57 - 120)	4.2	(0-30)	SW846 8270C
3,3'-Dichlorobenzidine	63	(34 - 120)			SW846 8270C
	59	(34 - 120)	5.7	(0-30)	SW846 8270C
2,4-Dichlorophenol	84	(53 - 120)			SW846 8270C
	76	(53 - 120)	7.9	(0-30)	SW846 8270C
Diethyl phthalate	85	(57 - 120)			SW846 8270C
	83	(57 - 120)	2.4	(0-30)	SW846 8270C
2,4-Dimethylphenol	79	(53 - 120)			SW846 8270C
	72	(53 - 120)	9.3	(0-30)	SW846 8270C
Dimethyl phthalate	87	(57 - 120)			SW846 8270C
	82	(57 - 120)	4.9	(0-30)	SW846 8270C
4,6-Dinitro-2-methylphenol	68	(30 - 120)			SW846 8270C
	65	(30 - 120)	3.8	(0-30)	SW846 8270C
2,4-Dinitrophenol	52	(15 - 120)			SW846 8270C
	48	(15 - 120)	6.1	(0-34)	SW846 8270C
2,4-Dinitrotoluene	83	(53 - 120)			SW846 8270C
	81	(53 - 120)	2.2	(0-30)	SW846 8270C
2,6-Dinitrotoluene	80	(53 - 120)			SW846 8270C
	76	(53 - 120)	3.7	(0-30)	SW846 8270C
Di-n-octyl phthalate	81	(54 - 120)			SW846 8270C
	76	(54 - 120)	5.5	(0-30)	SW846 8270C

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J0R251CD-MS **Matrix.....:** SO
MS Lot-Sample #: D7F120221-020 J0R251CE-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Fluoranthene	87	(55 - 120)			SW846 8270C
	84	(55 - 120)	1.9	(0-30)	SW846 8270C
Fluorene	82	(55 - 120)			SW846 8270C
	79	(55 - 120)	3.0	(0-30)	SW846 8270C
Hexachlorobenzene	83	(51 - 120)			SW846 8270C
	77	(51 - 120)	6.4	(0-30)	SW846 8270C
Hexachlorocyclopenta-diene	85	(35 - 120)			SW846 8270C
	73	(35 - 120)	13	(0-30)	SW846 8270C
Hexachloroethane	70	(46 - 120)			SW846 8270C
	59	(46 - 120)	17	(0-30)	SW846 8270C
Indeno(1,2,3-cd)pyrene	84	(54 - 120)			SW846 8270C
	77	(54 - 120)	7.1	(0-30)	SW846 8270C
2-Methylnaphthalene	86	(55 - 120)			SW846 8270C
	78	(55 - 120)	9.1	(0-30)	SW846 8270C
2-Methylphenol	84	(51 - 120)			SW846 8270C
	75	(51 - 120)	10	(0-30)	SW846 8270C
Naphthalene	80	(50 - 120)			SW846 8270C
	71	(50 - 120)	11	(0-30)	SW846 8270C
2-Nitroaniline	83	(50 - 120)			SW846 8270C
	77	(50 - 120)	6.1	(0-30)	SW846 8270C
Benzyl alcohol	83	(52 - 120)			SW846 8270C
	74	(52 - 120)	11	(0-30)	SW846 8270C
3-Nitroaniline	69	(35 - 120)			SW846 8270C
	66	(35 - 120)	2.7	(0-30)	SW846 8270C
4-Nitroaniline	86	(44 - 120)			SW846 8270C
	84	(44 - 120)	1.1	(0-30)	SW846 8270C
Nitrobenzene	78	(49 - 120)			SW846 8270C
	69	(49 - 120)	12	(0-30)	SW846 8270C
2-Nitrophenol	83	(53 - 120)			SW846 8270C
	74	(53 - 120)	11	(0-30)	SW846 8270C
4-Nitrophenol	81	(41 - 120)			SW846 8270C
	78	(41 - 120)	3.3	(0-30)	SW846 8270C
N-Nitrosodiphenylamine	68	(55 - 120)			SW846 8270C
	66	(55 - 120)	2.5	(0-36)	SW846 8270C
N-Nitrosodi-n-propyl-amine	85	(51 - 120)			SW846 8270C
	76	(51 - 120)	9.6	(0-30)	SW846 8270C
Pentachlorophenol	63	(30 - 120)			SW846 8270C
	58	(30 - 120)	8.2	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J0R251CD-MS **Matrix.....:** SO
MS Lot-Sample #: D7F120221-020 J0R251CE-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Phenanthrene	84	(58 - 120)			SW846 8270C
	79	(58 - 120)	6.2	(0-30)	SW846 8270C
Benzoic acid	23	(10 - 120)			SW846 8270C
	17	(10 - 120)	28	(0-32)	SW846 8270C
Phenol	82	(54 - 120)			SW846 8270C
	73	(54 - 120)	10	(0-30)	SW846 8270C
Pyrene	78	(50 - 120)			SW846 8270C
	75	(50 - 120)	3.4	(0-38)	SW846 8270C
2,4,5-Trichloro-phenol	83	(56 - 120)			SW846 8270C
	78	(56 - 120)	5.3	(0-30)	SW846 8270C
2,4,6-Trichloro-phenol	83	(50 - 120)			SW846 8270C
	76	(50 - 120)	7.4	(0-30)	SW846 8270C
bis(2-Chloroisopropyl) ether	69	(47 - 120)			SW846 8270C
	59	(47 - 120)	15	(0-30)	SW846 8270C
4-Methylphenol	84	(53 - 120)			SW846 8270C
	77	(53 - 120)	7.2	(0-30)	SW846 8270C
Hexachlorobutadiene	79	(48 - 120)			SW846 8270C
	68	(48 - 120)	14	(0-30)	SW846 8270C
Carbazole	88	(54 - 120)			SW846 8270C
	82	(54 - 120)	5.1	(0-30)	SW846 8270C
Isophorone	85	(46 - 120)			SW846 8270C
	75	(46 - 120)	11	(0-30)	SW846 8270C
Pyridine	51	(23 - 120)			SW846 8270C
	44	(23 - 120)	15	(0-30)	SW846 8270C
3-Methylphenol & 4-Methylphenol	84	(53 - 120)			SW846 8270C
	77	(53 - 120)	7.2	(0-30)	SW846 8270C
N-Nitrosodimethylamine	67	(41 - 120)			SW846 8270C
	55	(41 - 120)	19	(0-30)	SW846 8270C
1,2-Dichlorobenzene	78	(48 - 120)			SW846 8270C
	65	(48 - 120)	17	(0-30)	SW846 8270C
1,4-Dichlorobenzene	73	(46 - 120)			SW846 8270C
	61	(46 - 120)	17	(0-30)	SW846 8270C
Aniline	45	(17 - 120)			SW846 8270C
	37	(17 - 120)	17	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J0R251CD-MS **Matrix.....:** SO
MS Lot-Sample #: D7F120221-020 J0R251CE-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1-Methylnaphthalene	**82**	**(52 - 120)**			**SW846 8270C**
	75	**(52 - 120)**	**9.1**	**(0-30)**	**SW846 8270C**
1,4-Dioxane	**36**	**(21 - 120)**			**SW846 8270C**
	32	**(21 - 120)**	**12**	**(0-30)**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	79	(53 - 120)
	69	(53 - 120)
Phenol-d5	81	(52 - 120)
	73	(52 - 120)
Nitrobenzene-d5	75	(50 - 120)
	67	(50 - 120)
2-Fluorobiphenyl	82	(50 - 120)
	75	(50 - 120)
2,4,6-Tribromophenol	79	(51 - 120)
	73	(51 - 120)
Terphenyl-d14	78	(55 - 120)
	77	(55 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J0R251CD-MS **Matrix.....:** SO
MS Lot-Sample #: D7F120221-020 J0R251CE-MSD
Date Sampled...: 06/10/07 14:15 **Date Received..:** 06/12/07
Prep Date.....: 06/15/07 **Analysis Date..:** 06/22/07
Prep Batch #...: 7166011 **Analysis Time..:** 13:13
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Acenaphthene	ND	3820	3200	ug/kg	84		SW846 8270C
	ND	3860	3020	ug/kg	78	6.0	SW846 8270C
1,2,4-Trichloro-benzene	ND	3820	3010	ug/kg	79		SW846 8270C
	ND	3860	2670	ug/kg	69	12	SW846 8270C
Acenaphthylene	ND	3820	3300	ug/kg	86		SW846 8270C
	ND	3860	3090	ug/kg	80	6.7	SW846 8270C
1,3-Dichlorobenzene	ND	3820	2810	ug/kg	74		SW846 8270C
	ND	3860	2330	ug/kg	60	19	SW846 8270C
Anthracene	ND	3820	3220	ug/kg	84		SW846 8270C
	ND	3860	3050	ug/kg	79	5.4	SW846 8270C
Benzo(a)anthracene	ND	3820	3080	ug/kg	80		SW846 8270C
	ND	3860	2950	ug/kg	76	4.3	SW846 8270C
Benzo(b)fluoranthene	ND	3820	3050	ug/kg	80		SW846 8270C
	ND	3860	2830	ug/kg	73	7.6	SW846 8270C
Benzo(k)fluoranthene	ND	3820	3500	ug/kg	92		SW846 8270C
	ND	3860	3340	ug/kg	87	4.6	SW846 8270C
Benzo(ghi)perylene	ND	3820	3250	ug/kg	85		SW846 8270C
	ND	3860	3010	ug/kg	78	7.4	SW846 8270C
Benzo(a)pyrene	ND	3820	3160	ug/kg	83		SW846 8270C
	ND	3860	2990	ug/kg	77	5.4	SW846 8270C
bis(2-Chloroethoxy) methane	ND	3820	3130	ug/kg	82		SW846 8270C
	ND	3860	2810	ug/kg	73	11	SW846 8270C
bis(2-Chloroethyl)-ether	ND	3820	2980	ug/kg	78		SW846 8270C
	ND	3860	2590	ug/kg	67	14	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	3820	3050	ug/kg	80		SW846 8270C
	ND	3860	2970	ug/kg	77	2.5	SW846 8270C
4-Bromophenyl phenyl ether	ND	3820	3270	ug/kg	85		SW846 8270C
	ND	3860	2990	ug/kg	77	8.8	SW846 8270C
Butyl benzyl phthalate	ND	3820	3160	ug/kg	83		SW846 8270C
	ND	3860	3100	ug/kg	80	1.8	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J0R251CD-MS **Matrix.....:** SO
MS Lot-Sample #: D7F120221-020 J0R251CE-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
4-Chloroaniline	ND	3820	2380	ug/kg	62		SW846 8270C
	ND	3860	2160	ug/kg	56	10	SW846 8270C
4-Chloro-3-methylphenol	ND	3820	3220	ug/kg	84		SW846 8270C
	ND	3860	2960	ug/kg	77	8.4	SW846 8270C
2-Chloronaphthalene	ND	3820	3270	ug/kg	85		SW846 8270C
	ND	3860	2990	ug/kg	78	8.7	SW846 8270C
2-Chlorophenol	ND	3820	3130	ug/kg	82		SW846 8270C
	ND	3860	2820	ug/kg	73	11	SW846 8270C
4-Chlorophenyl phenyl ether	ND	3820	3170	ug/kg	83		SW846 8270C
	ND	3860	3070	ug/kg	79	3.3	SW846 8270C
Chrysene	ND	3820	3110	ug/kg	81		SW846 8270C
	ND	3860	2900	ug/kg	75	7.1	SW846 8270C
Dibenz(a,h)anthracene	ND	3820	3310	ug/kg	87		SW846 8270C
	ND	3860	3080	ug/kg	80	7.4	SW846 8270C
Dibenzofuran	ND	3820	3240	ug/kg	85		SW846 8270C
	ND	3860	3070	ug/kg	80	5.4	SW846 8270C
Di-n-butyl phthalate	ND	3820	3340	ug/kg	87		SW846 8270C
	ND	3860	3200	ug/kg	83	4.2	SW846 8270C
3,3'-Dichlorobenzidine	ND	3820	2410	ug/kg	63		SW846 8270C
	ND	3860	2280	ug/kg	59	5.7	SW846 8270C
2,4-Dichlorophenol	ND	3820	3190	ug/kg	84		SW846 8270C
	ND	3860	2950	ug/kg	76	7.9	SW846 8270C
Diethyl phthalate	ND	3820	3270	ug/kg	85		SW846 8270C
	ND	3860	3190	ug/kg	83	2.4	SW846 8270C
2,4-Dimethylphenol	ND	3820	3030	ug/kg	79		SW846 8270C
	ND	3860	2760	ug/kg	72	9.3	SW846 8270C
Dimethyl phthalate	ND	3820	3310	ug/kg	87		SW846 8270C
	ND	3860	3150	ug/kg	82	4.9	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	3820	2610	ug/kg	68		SW846 8270C
	ND	3860	2510	ug/kg	65	3.8	SW846 8270C
2,4-Dinitrophenol	ND	3820	1970	ug/kg	52		SW846 8270C
	ND	3860	1860	ug/kg	48	6.1	SW846 8270C
2,4-Dinitrotoluene	ND	3820	3180	ug/kg	83		SW846 8270C
	ND	3860	3110	ug/kg	81	2.2	SW846 8270C
2,6-Dinitrotoluene	ND	3820	3050	ug/kg	80		SW846 8270C
	ND	3860	2940	ug/kg	76	3.7	SW846 8270C
Di-n-octyl phthalate	ND	3820	3110	ug/kg	81		SW846 8270C
	ND	3860	2950	ug/kg	76	5.5	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J0R251CD-MS J0R251CE-MSD **Matrix.....:** SO
MS Lot-Sample #: D7F120221-020

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Fluoranthene	ND	3820	3310	ug/kg	87		SW846 8270C
	ND	3860	3250	ug/kg	84	1.9	SW846 8270C
Fluorene	ND	3820	3130	ug/kg	82		SW846 8270C
	ND	3860	3040	ug/kg	79	3.0	SW846 8270C
Hexachlorobenzene	ND	3820	3180	ug/kg	83		SW846 8270C
	ND	3860	2980	ug/kg	77	6.4	SW846 8270C
Hexachlorocyclopenta-diene	ND	3820	3240	ug/kg	85		SW846 8270C
	ND	3860	2840	ug/kg	73	13	SW846 8270C
Hexachloroethane	ND	3820	2690	ug/kg	70		SW846 8270C
	ND	3860	2260	ug/kg	59	17	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	3820	3200	ug/kg	84		SW846 8270C
	ND	3860	2980	ug/kg	77	7.1	SW846 8270C
2-Methylnaphthalene	ND	3820	3310	ug/kg	86		SW846 8270C
	ND	3860	3020	ug/kg	78	9.1	SW846 8270C
2-Methylphenol	ND	3820	3210	ug/kg	84		SW846 8270C
	ND	3860	2900	ug/kg	75	10	SW846 8270C
Naphthalene	ND	3820	3070	ug/kg	80		SW846 8270C
	ND	3860	2750	ug/kg	71	11	SW846 8270C
2-Nitroaniline	ND	3820	3160	ug/kg	83		SW846 8270C
	ND	3860	2980	ug/kg	77	6.1	SW846 8270C
Benzyl alcohol	ND	3820	3160	ug/kg	83		SW846 8270C
	ND	3860	2850	ug/kg	74	11	SW846 8270C
3-Nitroaniline	ND	3820	2630	ug/kg	69		SW846 8270C
	ND	3860	2560	ug/kg	66	2.7	SW846 8270C
4-Nitroaniline	ND	3820	3280	ug/kg	86		SW846 8270C
	ND	3860	3250	ug/kg	84	1.1	SW846 8270C
Nitrobenzene	ND	3820	3000	ug/kg	78		SW846 8270C
	ND	3860	2650	ug/kg	69	12	SW846 8270C
2-Nitrophenol	ND	3820	3180	ug/kg	83		SW846 8270C
	ND	3860	2850	ug/kg	74	11	SW846 8270C
4-Nitrophenol	ND	3820	3090	ug/kg	81		SW846 8270C
	ND	3860	2990	ug/kg	78	3.3	SW846 8270C
N-Nitrosodiphenylamine	ND	3820	2620	ug/kg	68		SW846 8270C
	ND	3860	2550	ug/kg	66	2.5	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	3820	3240	ug/kg	85		SW846 8270C
	ND	3860	2940	ug/kg	76	9.6	SW846 8270C
Pentachlorophenol	ND	3820	2430	ug/kg	63		SW846 8270C
	ND	3860	2240	ug/kg	58	8.2	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J0R251CD-MS **Matrix.....:** SO
MS Lot-Sample #: D7F120221-020 J0R251CE-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Phenanthrene	ND	3820	3230	ug/kg	84		SW846 8270C
	ND	3860	3040	ug/kg	79	6.2	SW846 8270C
Benzoic acid	ND	3820	866	ug/kg	23		SW846 8270C
	ND	3860	656	ug/kg	17	28	SW846 8270C
Phenol	ND	3820	3120	ug/kg	82		SW846 8270C
	ND	3860	2820	ug/kg	73	10	SW846 8270C
Pyrene	ND	3820	2990	ug/kg	78		SW846 8270C
	ND	3860	2890	ug/kg	75	3.4	SW846 8270C
2,4,5-Trichloro-phenol	ND	3820	3160	ug/kg	83		SW846 8270C
	ND	3860	3000	ug/kg	78	5.3	SW846 8270C
2,4,6-Trichloro-phenol	ND	3820	3170	ug/kg	83		SW846 8270C
	ND	3860	2940	ug/kg	76	7.4	SW846 8270C
bis(2-Chloroisopropyl) ether	ND	3820	2640	ug/kg	69		SW846 8270C
	ND	3860	2270	ug/kg	59	15	SW846 8270C
4-Methylphenol	ND	3820	3220	ug/kg	84		SW846 8270C
	ND	3860	2990	ug/kg	77	7.2	SW846 8270C
Hexachlorobutadiene	ND	3820	3030	ug/kg	79		SW846 8270C
	ND	3860	2630	ug/kg	68	14	SW846 8270C
Carbazole	ND	3820	3350	ug/kg	88		SW846 8270C
	ND	3860	3190	ug/kg	82	5.1	SW846 8270C
Isophorone	ND	3820	3240	ug/kg	85		SW846 8270C
	ND	3860	2910	ug/kg	75	11	SW846 8270C
Pyridine	ND	3820	1960	ug/kg	51		SW846 8270C
	ND	3860	1690	ug/kg	44	15	SW846 8270C
3-Methylphenol & 4-Methylphenol	ND	3820	3220	ug/kg	84		SW846 8270C
	ND	3860	2990	ug/kg	77	7.2	SW846 8270C
N-Nitrosodimethylamine	ND	3820	2560	ug/kg	67		SW846 8270C
	ND	3860	2110	ug/kg	55	19	SW846 8270C
1,2-Dichlorobenzene	ND	3820	2980	ug/kg	78		SW846 8270C
	ND	3860	2510	ug/kg	65	17	SW846 8270C
1,4-Dichlorobenzene	ND	3820	2800	ug/kg	73		SW846 8270C
	ND	3860	2360	ug/kg	61	17	SW846 8270C
Aniline	ND	3820	1710	ug/kg	45		SW846 8270C
	ND	3860	1440	ug/kg	37	17	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J0R251CD-MS J0R251CE-MSD **Matrix.....:** SO
MS Lot-Sample #: D7F120221-020

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1-Methylnaphthalene	**ND**	**3820**	**3150**	**ug/kg**	**82**		**SW846 8270C**
1,4-Dioxane	**ND**	**3860**	**2880**	**ug/kg**	**75**	**9.1**	**SW846 8270C**
	ND	**3820**	**1390**	**ug/kg**	**36**		**SW846 8270C**
	ND	**3860**	**1240**	**ug/kg**	**32**	**12**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	79	(53 - 120)
Phenol-d5	69	(53 - 120)
Nitrobenzene-d5	81	(52 - 120)
2-Fluorobiphenyl	73	(52 - 120)
2,4,6-Tribromophenol	75	(50 - 120)
Terphenyl-d14	67	(50 - 120)
	82	(50 - 120)
	75	(50 - 120)
	79	(51 - 120)
	73	(51 - 120)
	78	(55 - 120)
	77	(55 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J0R3N1CA-MS **Matrix.....:** SO
MS Lot-Sample #: D7F120221-025 J0R3N1CC-MSD
Date Sampled...: 06/10/07 15:45 **Date Received..:** 06/12/07
Prep Date.....: 06/25/07 **Analysis Date..:** 06/28/07
Prep Batch #...: 7176488 **Analysis Time..:** 10:36
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acenaphthene	67	(52 - 120)			SW846 8270C
	69	(52 - 120)	6.3	(0-30)	SW846 8270C
1,2,4-Trichloro-benzene	56	(50 - 120)			SW846 8270C
	54	(50 - 120)	1.2	(0-30)	SW846 8270C
Acenaphthylene	69	(53 - 120)			SW846 8270C
	71	(53 - 120)	6.6	(0-30)	SW846 8270C
1,3-Dichlorobenzene	51	(46 - 120)			SW846 8270C
	44 a	(46 - 120)	12	(0-32)	SW846 8270C
Anthracene	76	(57 - 120)			SW846 8270C
	77	(57 - 120)	5.1	(0-30)	SW846 8270C
Benzo(a)anthracene	73	(55 - 120)			SW846 8270C
	75	(55 - 120)	6.5	(0-30)	SW846 8270C
Benzo(b)fluoranthene	77	(52 - 120)			SW846 8270C
	78	(52 - 120)	5.5	(0-44)	SW846 8270C
Benzo(k)fluoranthene	74	(54 - 120)			SW846 8270C
	75	(54 - 120)	4.6	(0-30)	SW846 8270C
Benzo(ghi)perylene	79	(50 - 120)			SW846 8270C
	79	(50 - 120)	3.1	(0-31)	SW846 8270C
Benzo(a)pyrene	74	(54 - 120)			SW846 8270C
	76	(54 - 120)	5.5	(0-30)	SW846 8270C
bis(2-Chloroethoxy) methane	56	(49 - 120)			SW846 8270C
	56	(49 - 120)	3.6	(0-30)	SW846 8270C
bis(2-Chloroethyl)-ether	52	(48 - 120)			SW846 8270C
	49	(48 - 120)	2.5	(0-30)	SW846 8270C
bis(2-Ethylhexyl) phthalate	74	(51 - 120)			SW846 8270C
	75	(51 - 120)	4.4	(0-30)	SW846 8270C
4-Bromophenyl phenyl ether	75	(53 - 120)			SW846 8270C
	76	(53 - 120)	5.0	(0-30)	SW846 8270C
Butyl benzyl phthalate	76	(49 - 120)			SW846 8270C
	77	(49 - 120)	3.8	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J0R3N1CA-MS **Matrix.....:** SO
MS Lot-Sample #: D7F120221-025 J0R3N1CC-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
4-Chloroaniline	53	(28 - 120)			SW846 8270C
	53	(28 - 120)	3.6	(0-30)	SW846 8270C
4-Chloro-3-methylphenol	70	(57 - 120)			SW846 8270C
	74	(57 - 120)	8.3	(0-30)	SW846 8270C
2-Chloronaphthalene	66	(53 - 120)			SW846 8270C
	67	(53 - 120)	4.9	(0-30)	SW846 8270C
2-Chlorophenol	56	(53 - 120)			SW846 8270C
	53	(53 - 120)	1.9	(0-30)	SW846 8270C
4-Chlorophenyl phenyl ether	72	(55 - 120)			SW846 8270C
	76	(55 - 120)	8.6	(0-30)	SW846 8270C
Chrysene	74	(55 - 120)			SW846 8270C
	76	(55 - 120)	6.6	(0-35)	SW846 8270C
Dibenz(a,h)anthracene	81	(55 - 120)			SW846 8270C
	82	(55 - 120)	4.6	(0-30)	SW846 8270C
Dibenzofuran	70	(56 - 120)			SW846 8270C
	73	(56 - 120)	7.8	(0-30)	SW846 8270C
Di-n-butyl phthalate	81	(57 - 120)			SW846 8270C
	83	(57 - 120)	5.8	(0-30)	SW846 8270C
3,3'-Dichlorobenzidine	70	(34 - 120)			SW846 8270C
	69	(34 - 120)	2.0	(0-30)	SW846 8270C
2,4-Dichlorophenol	66	(53 - 120)			SW846 8270C
	68	(53 - 120)	5.0	(0-30)	SW846 8270C
Diethyl phthalate	76	(57 - 120)			SW846 8270C
	79	(57 - 120)	6.7	(0-30)	SW846 8270C
2,4-Dimethylphenol	60	(53 - 120)			SW846 8270C
	64	(53 - 120)	10	(0-30)	SW846 8270C
Dimethyl phthalate	75	(57 - 120)			SW846 8270C
	79	(57 - 120)	8.0	(0-30)	SW846 8270C
4,6-Dinitro-2-methylphenol	67	(30 - 120)			SW846 8270C
	65	(30 - 120)	0.56	(0-30)	SW846 8270C
2,4-Dinitrophenol	56	(15 - 120)			SW846 8270C
	46	(15 - 120)	16	(0-34)	SW846 8270C
2,4-Dinitrotoluene	77	(53 - 120)			SW846 8270C
	80	(53 - 120)	6.5	(0-30)	SW846 8270C
2,6-Dinitrotoluene	70	(53 - 120)			SW846 8270C
	73	(53 - 120)	7.7	(0-30)	SW846 8270C
Di-n-octyl phthalate	77	(54 - 120)			SW846 8270C
	78	(54 - 120)	4.6	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J0R3N1CA-MS **Matrix.....:** SO
MS Lot-Sample #: D7F120221-025 J0R3N1CC-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Fluoranthene	83	(55 - 120)			SW846 8270C
	85	(55 - 120)	4.9	(0-30)	SW846 8270C
Fluorene	71	(55 - 120)			SW846 8270C
	74	(55 - 120)	6.6	(0-30)	SW846 8270C
Hexachlorobenzene	75	(51 - 120)			SW846 8270C
	78	(51 - 120)	7.5	(0-30)	SW846 8270C
Hexachlorocyclopenta-diene	59	(35 - 120)			SW846 8270C
	59	(35 - 120)	2.6	(0-30)	SW846 8270C
Hexachloroethane	50	(46 - 120)			SW846 8270C
	43 a	(46 - 120)	14	(0-30)	SW846 8270C
Indeno(1,2,3-cd)pyrene	76	(54 - 120)			SW846 8270C
	78	(54 - 120)	4.8	(0-30)	SW846 8270C
2-Methylnaphthalene	64	(55 - 120)			SW846 8270C
	64	(55 - 120)	3.9	(0-30)	SW846 8270C
2-Methylphenol	58	(51 - 120)			SW846 8270C
	60	(51 - 120)	5.5	(0-30)	SW846 8270C
Naphthalene	55	(50 - 120)			SW846 8270C
	53	(50 - 120)	0.57	(0-30)	SW846 8270C
2-Nitroaniline	71	(50 - 120)			SW846 8270C
	75	(50 - 120)	9.0	(0-30)	SW846 8270C
Benzyl alcohol	60	(52 - 120)			SW846 8270C
	61	(52 - 120)	4.9	(0-30)	SW846 8270C
3-Nitroaniline	68	(35 - 120)			SW846 8270C
	69	(35 - 120)	4.8	(0-30)	SW846 8270C
4-Nitroaniline	75	(44 - 120)			SW846 8270C
	79	(44 - 120)	8.6	(0-30)	SW846 8270C
Nitrobenzene	55	(49 - 120)			SW846 8270C
	52	(49 - 120)	2.3	(0-30)	SW846 8270C
2-Nitrophenol	58	(53 - 120)			SW846 8270C
	57	(53 - 120)	2.1	(0-30)	SW846 8270C
4-Nitrophenol	75	(41 - 120)			SW846 8270C
	75	(41 - 120)	4.2	(0-30)	SW846 8270C
N-Nitrosodiphenylamine	62	(55 - 120)			SW846 8270C
	63	(55 - 120)	5.6	(0-36)	SW846 8270C
N-Nitrosodi-n-propyl-amine	58	(51 - 120)			SW846 8270C
	57	(51 - 120)	1.5	(0-30)	SW846 8270C
Pentachlorophenol	71	(30 - 120)			SW846 8270C
	70	(30 - 120)	1.7	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J0R3N1CA-MS **Matrix.....:** SO
MS Lot-Sample #: D7F120221-025 J0R3N1CC-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Phenanthrene	73	(58 - 120)			SW846 8270C
	74	(58 - 120)	4.8	(0-30)	SW846 8270C
Benzoic acid	50	(10 - 120)			SW846 8270C
	52	(10 - 120)	6.7	(0-32)	SW846 8270C
Phenol	57	(54 - 120)			SW846 8270C
	56	(54 - 120)	2.8	(0-30)	SW846 8270C
Pyrene	72	(50 - 120)			SW846 8270C
	74	(50 - 120)	5.3	(0-38)	SW846 8270C
2,4,5-Trichloro-phenol	72	(56 - 120)			SW846 8270C
	74	(56 - 120)	6.9	(0-30)	SW846 8270C
2,4,6-Trichloro-phenol	69	(50 - 120)			SW846 8270C
	72	(50 - 120)	7.2	(0-30)	SW846 8270C
bis(2-Chloroisopropyl) ether	52	(47 - 120)			SW846 8270C
	49	(47 - 120)	4.0	(0-30)	SW846 8270C
4-Methylphenol	64	(53 - 120)			SW846 8270C
	66	(53 - 120)	6.3	(0-30)	SW846 8270C
Hexachlorobutadiene	58	(48 - 120)			SW846 8270C
	53	(48 - 120)	4.6	(0-30)	SW846 8270C
Carbazole	80	(54 - 120)			SW846 8270C
	81	(54 - 120)	4.4	(0-30)	SW846 8270C
Isophorone	64	(46 - 120)			SW846 8270C
	64	(46 - 120)	3.3	(0-30)	SW846 8270C
Pyridine	39	(23 - 120)			SW846 8270C
	32	(23 - 120)	14	(0-30)	SW846 8270C
3-Methylphenol & 4-Methylphenol	64	(53 - 120)			SW846 8270C
	66	(53 - 120)	6.3	(0-30)	SW846 8270C
N-Nitrosodimethylamine	48	(41 - 120)			SW846 8270C
	40 a	(41 - 120)	13	(0-30)	SW846 8270C
1,2-Dichlorobenzene	53	(48 - 120)			SW846 8270C
	47 a	(48 - 120)	9.3	(0-30)	SW846 8270C
1,4-Dichlorobenzene	51	(46 - 120)			SW846 8270C
	44 a	(46 - 120)	12	(0-30)	SW846 8270C
Aniline	31	(17 - 120)			SW846 8270C
	28	(17 - 120)	9.7	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J0R3N1CA-MS **Matrix.....:** SO
MS Lot-Sample #: D7F120221-025 J0R3N1CC-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2-Diphenylhydrazine (as Azobenzene)	**74**	**(54 - 120)**			**SW846 8270C**
	72	**(54 - 120)**	**0.0**	**(0-30)**	**SW846 8270C**
1-Methylnaphthalene	**62**	**(52 - 120)**			**SW846 8270C**
	61	**(52 - 120)**	**2.5**	**(0-30)**	**SW846 8270C**
1,4-Dioxane	**30**	**(21 - 120)**			**SW846 8270C**
	22	**(21 - 120)**	**25**	**(0-30)**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	53	(53 - 120)
	51 *	(53 - 120)
Phenol-d5	57	(52 - 120)
	59	(52 - 120)
Nitrobenzene-d5	54	(50 - 120)
	53	(50 - 120)
2-Fluorobiphenyl	64	(50 - 120)
	68	(50 - 120)
2,4,6-Tribromophenol	75	(51 - 120)
	79	(51 - 120)
Terphenyl-d14	75	(55 - 120)
	78	(55 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

* Surrogate recovery is outside stated control limits.

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J0R3N1CA-MS **Matrix.....:** SO
MS Lot-Sample #: D7F120221-025 J0R3N1CC-MSD
Date Sampled...: 06/10/07 15:45 **Date Received..:** 06/12/07
Prep Date.....: 06/25/07 **Analysis Date..:** 06/28/07
Prep Batch #...: 7176488 **Analysis Time..:** 10:36
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Acenaphthene	ND	3730	2500	ug/kg	67		SW846 8270C
	ND	3850	2660	ug/kg	69	6.3	SW846 8270C
1,2,4-Trichloro-benzene	ND	3730	2100	ug/kg	56		SW846 8270C
	ND	3850	2070	ug/kg	54	1.2	SW846 8270C
Acenaphthylene	ND	3730	2570	ug/kg	69		SW846 8270C
	ND	3850	2740	ug/kg	71	6.6	SW846 8270C
1,3-Dichlorobenzene	ND	3730	1900	ug/kg	51		SW846 8270C
	ND	3850	1680	ug/kg	44 a	12	SW846 8270C
Anthracene	ND	3730	2820	ug/kg	76		SW846 8270C
	ND	3850	2970	ug/kg	77	5.1	SW846 8270C
Benzo(a)anthracene	ND	3730	2730	ug/kg	73		SW846 8270C
	ND	3850	2910	ug/kg	75	6.5	SW846 8270C
Benzo(b)fluoranthene	ND	3730	2860	ug/kg	77		SW846 8270C
	ND	3850	3020	ug/kg	78	5.5	SW846 8270C
Benzo(k)fluoranthene	ND	3730	2760	ug/kg	74		SW846 8270C
	ND	3850	2890	ug/kg	75	4.6	SW846 8270C
Benzo(ghi)perylene	ND	3730	2950	ug/kg	79		SW846 8270C
	ND	3850	3040	ug/kg	79	3.1	SW846 8270C
Benzo(a)pyrene	ND	3730	2770	ug/kg	74		SW846 8270C
	ND	3850	2930	ug/kg	76	5.5	SW846 8270C
bis(2-Chloroethoxy) methane	ND	3730	2090	ug/kg	56		SW846 8270C
	ND	3850	2170	ug/kg	56	3.6	SW846 8270C
bis(2-Chloroethyl)-ether	ND	3730	1920	ug/kg	52		SW846 8270C
	ND	3850	1870	ug/kg	49	2.5	SW846 8270C
bis(2-Ethylhexyl) phthalate	150	3730	2920	ug/kg	74		SW846 8270C
	150	3850	3050	ug/kg	75	4.4	SW846 8270C
4-Bromophenyl phenyl ether	ND	3730	2790	ug/kg	75		SW846 8270C
	ND	3850	2930	ug/kg	76	5.0	SW846 8270C
Butyl benzyl phthalate	ND	3730	2850	ug/kg	76		SW846 8270C
	ND	3850	2960	ug/kg	77	3.8	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J0R3N1CA-MS **Matrix.....:** SO
MS Lot-Sample #: D7F120221-025 J0R3N1CC-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
4-Chloroaniline	ND	3730	1980	ug/kg	53		SW846 8270C
	ND	3850	2050	ug/kg	53	3.6	SW846 8270C
4-Chloro-3-methylphenol	ND	3730	2620	ug/kg	70		SW846 8270C
	ND	3850	2850	ug/kg	74	8.3	SW846 8270C
2-Chloronaphthalene	ND	3730	2450	ug/kg	66		SW846 8270C
	ND	3850	2580	ug/kg	67	4.9	SW846 8270C
2-Chlorophenol	ND	3730	2070	ug/kg	56		SW846 8270C
	ND	3850	2040	ug/kg	53	1.9	SW846 8270C
4-Chlorophenyl phenyl ether	ND	3730	2680	ug/kg	72		SW846 8270C
	ND	3850	2920	ug/kg	76	8.6	SW846 8270C
Chrysene	ND	3730	2740	ug/kg	74		SW846 8270C
	ND	3850	2930	ug/kg	76	6.6	SW846 8270C
Dibenz(a,h)anthracene	ND	3730	3010	ug/kg	81		SW846 8270C
	ND	3850	3150	ug/kg	82	4.6	SW846 8270C
Dibenzofuran	ND	3730	2600	ug/kg	70		SW846 8270C
	ND	3850	2810	ug/kg	73	7.8	SW846 8270C
Di-n-butyl phthalate	ND	3730	3020	ug/kg	81		SW846 8270C
	ND	3850	3200	ug/kg	83	5.8	SW846 8270C
3,3'-Dichlorobenzidine	ND	3730	2630	ug/kg	70		SW846 8270C
	ND	3850	2680	ug/kg	69	2.0	SW846 8270C
2,4-Dichlorophenol	ND	3730	2480	ug/kg	66		SW846 8270C
	ND	3850	2610	ug/kg	68	5.0	SW846 8270C
Diethyl phthalate	ND	3730	2840	ug/kg	76		SW846 8270C
	ND	3850	3040	ug/kg	79	6.7	SW846 8270C
2,4-Dimethylphenol	ND	3730	2220	ug/kg	60		SW846 8270C
	ND	3850	2460	ug/kg	64	10	SW846 8270C
Dimethyl phthalate	ND	3730	2790	ug/kg	75		SW846 8270C
	ND	3850	3030	ug/kg	79	8.0	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	3730	2520	ug/kg	67		SW846 8270C
	ND	3850	2500	ug/kg	65	0.56	SW846 8270C
2,4-Dinitrophenol	ND	3730	2080	ug/kg	56		SW846 8270C
	ND	3850	1770	ug/kg	46	16	SW846 8270C
2,4-Dinitrotoluene	ND	3730	2880	ug/kg	77		SW846 8270C
	ND	3850	3080	ug/kg	80	6.5	SW846 8270C
2,6-Dinitrotoluene	ND	3730	2620	ug/kg	70		SW846 8270C
	ND	3850	2830	ug/kg	73	7.7	SW846 8270C
Di-n-octyl phthalate	ND	3730	2870	ug/kg	77		SW846 8270C
	ND	3850	3010	ug/kg	78	4.6	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J0R3N1CA-MS **Matrix.....:** SO
MS Lot-Sample #: D7F120221-025 J0R3N1CC-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Fluoranthene	ND	3730	3110	ug/kg	83		SW846 8270C
	ND	3850	3270	ug/kg	85	4.9	SW846 8270C
Fluorene	ND	3730	2660	ug/kg	71		SW846 8270C
	ND	3850	2840	ug/kg	74	6.6	SW846 8270C
Hexachlorobenzene	ND	3730	2790	ug/kg	75		SW846 8270C
	ND	3850	3010	ug/kg	78	7.5	SW846 8270C
Hexachlorocyclopenta-diene	ND	3730	2210	ug/kg	59		SW846 8270C
	ND	3850	2270	ug/kg	59	2.6	SW846 8270C
Hexachloroethane	ND	3730	1880	ug/kg	50		SW846 8270C
	ND	3850	1640	ug/kg	43 a	14	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	3730	2850	ug/kg	76		SW846 8270C
	ND	3850	2990	ug/kg	78	4.8	SW846 8270C
2-Methylnaphthalene	ND	3730	2380	ug/kg	64		SW846 8270C
	ND	3850	2480	ug/kg	64	3.9	SW846 8270C
2-Methylphenol	ND	3730	2170	ug/kg	58		SW846 8270C
	ND	3850	2300	ug/kg	60	5.5	SW846 8270C
Naphthalene	ND	3730	2050	ug/kg	55		SW846 8270C
	ND	3850	2040	ug/kg	53	0.57	SW846 8270C
2-Nitroaniline	ND	3730	2660	ug/kg	71		SW846 8270C
	ND	3850	2900	ug/kg	75	9.0	SW846 8270C
Benzyl alcohol	ND	3730	2230	ug/kg	60		SW846 8270C
	ND	3850	2340	ug/kg	61	4.9	SW846 8270C
3-Nitroaniline	ND	3730	2540	ug/kg	68		SW846 8270C
	ND	3850	2660	ug/kg	69	4.8	SW846 8270C
4-Nitroaniline	ND	3730	2780	ug/kg	75		SW846 8270C
	ND	3850	3030	ug/kg	79	8.6	SW846 8270C
Nitrobenzene	ND	3730	2050	ug/kg	55		SW846 8270C
	ND	3850	2010	ug/kg	52	2.3	SW846 8270C
2-Nitrophenol	ND	3730	2160	ug/kg	58		SW846 8270C
	ND	3850	2210	ug/kg	57	2.1	SW846 8270C
4-Nitrophenol	ND	3730	2790	ug/kg	75		SW846 8270C
	ND	3850	2910	ug/kg	75	4.2	SW846 8270C
N-Nitrosodiphenylamine	ND	3730	2310	ug/kg	62		SW846 8270C
	ND	3850	2440	ug/kg	63	5.6	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	3730	2150	ug/kg	58		SW846 8270C
	ND	3850	2180	ug/kg	57	1.5	SW846 8270C
Pentachlorophenol	ND	3730	2650	ug/kg	71		SW846 8270C
	ND	3850	2700	ug/kg	70	1.7	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J0R3N1CA-MS **Matrix.....:** SO
MS Lot-Sample #: D7F120221-025 J0R3N1CC-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Phenanthrene	ND	3730	2730	ug/kg	73		SW846 8270C
	ND	3850	2860	ug/kg	74	4.8	SW846 8270C
Benzoic acid	240	3730	2090	ug/kg	50		SW846 8270C
	240	3850	2230	ug/kg	52	6.7	SW846 8270C
Phenol	ND	3730	2110	ug/kg	57		SW846 8270C
	ND	3850	2170	ug/kg	56	2.8	SW846 8270C
Pyrene	ND	3730	2690	ug/kg	72		SW846 8270C
	ND	3850	2830	ug/kg	74	5.3	SW846 8270C
2,4,5-Trichloro-phenol	ND	3730	2670	ug/kg	72		SW846 8270C
	ND	3850	2870	ug/kg	74	6.9	SW846 8270C
2,4,6-Trichloro-phenol	ND	3730	2580	ug/kg	69		SW846 8270C
	ND	3850	2770	ug/kg	72	7.2	SW846 8270C
bis(2-Chloroisopropyl) ether	ND	3730	1950	ug/kg	52		SW846 8270C
	ND	3850	1880	ug/kg	49	4.0	SW846 8270C
4-Methylphenol	ND	3730	2400	ug/kg	64		SW846 8270C
	ND	3850	2550	ug/kg	66	6.3	SW846 8270C
Hexachlorobutadiene	ND	3730	2150	ug/kg	58		SW846 8270C
	ND	3850	2050	ug/kg	53	4.6	SW846 8270C
Carbazole	ND	3730	2980	ug/kg	80		SW846 8270C
	ND	3850	3120	ug/kg	81	4.4	SW846 8270C
Isophorone	ND	3730	2380	ug/kg	64		SW846 8270C
	ND	3850	2460	ug/kg	64	3.3	SW846 8270C
Pyridine	ND	3730	1440	ug/kg	39		SW846 8270C
	ND	3850	1250	ug/kg	32	14	SW846 8270C
3-Methylphenol & 4-Methylphenol	ND	3730	2400	ug/kg	64		SW846 8270C
	ND	3850	2550	ug/kg	66	6.3	SW846 8270C
N-Nitrosodimethylamine	ND	3730	1770	ug/kg	48		SW846 8270C
	ND	3850	1550	ug/kg	40 a	13	SW846 8270C
1,2-Dichlorobenzene	ND	3730	1990	ug/kg	53		SW846 8270C
	ND	3850	1810	ug/kg	47 a	9.3	SW846 8270C
1,4-Dichlorobenzene	ND	3730	1900	ug/kg	51		SW846 8270C
	ND	3850	1680	ug/kg	44 a	12	SW846 8270C
Aniline	ND	3730	1170	ug/kg	31		SW846 8270C
	ND	3850	1060	ug/kg	28	9.7	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J0R3N1CA-MS **Matrix.....:** SO
MS Lot-Sample #: D7F120221-025 J0R3N1CC-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,2-Diphenylhydrazine (as Azobenzene)	**ND**	**3730**	**2760**	**ug/kg**	**74**		**SW846 8270C**
	ND	**3850**	**2760**	**ug/kg**	**72**	**0.0**	**SW846 8270C**
1-Methylnaphthalene	**ND**	**3730**	**2310**	**ug/kg**	**62**		**SW846 8270C**
	ND	**3850**	**2370**	**ug/kg**	**61**	**2.5**	**SW846 8270C**
1,4-Dioxane	**ND**	**3730**	**1110**	**ug/kg**	**30**		**SW846 8270C**
	ND	**3850**	**861**	**ug/kg**	**22**	**25**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	53	(53 - 120)
	51 *	(53 - 120)
Phenol-d5	57	(52 - 120)
	59	(52 - 120)
Nitrobenzene-d5	54	(50 - 120)
	53	(50 - 120)
2-Fluorobiphenyl	64	(50 - 120)
	68	(50 - 120)
2,4,6-Tribromophenol	75	(51 - 120)
	79	(51 - 120)
Terphenyl-d14	75	(55 - 120)
	78	(55 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

* Surrogate recovery is outside stated control limits.

a Spiked analyte recovery is outside stated control limits.

METHOD BLANK REPORT

GC Volatiles

Client Lot #...: D7F120221 **Work Order #...:** J1GQ91AA **Matrix.....:** SOLID
MB Lot-Sample #: D7F210000-257

Prep Date.....: 06/13/07 **Analysis Time..:** 14:43
Analysis Date..: 06/14/07 **Prep Batch #...:** 7172257
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Gasoline Range Organics	**0.33 J**	**1.2**	**mg/kg**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	97	(77 - 123)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC Volatiles

Client Lot #...: D7F120221 **Work Order #...:** J1JHX1AA **Matrix.....:** SOLID
MB Lot-Sample #: D7F210000-467

Prep Date.....: 06/14/07 **Analysis Time..:** 12:41
Analysis Date..: 06/18/07 **Prep Batch #...:** 7172467
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Gasoline Range Organics	ND	1.2	mg/kg	SW846 8015B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	98	(77 - 123)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...: D7F120221 **Work Order #...:** J1GQ91AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: D7F210000-257 J1GQ91AD-LCSD
Prep Date.....: 06/13/07 **Analysis Date..:** 06/14/07
Prep Batch #...: 7172257 **Analysis Time..:** 13:18
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Gasoline Range Organics	**99**	**(85 - 153)**			**SW846 8015B**
	99	**(85 - 153)**	**0.53**	**(0-30)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	96	(77 - 123)
	96	(77 - 123)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Volatiles

Client Lot #...: D7F120221 **Work Order #...:** J1GQ91AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: D7F210000-257 J1GQ91AD-LCSD
Prep Date.....: 06/13/07 **Analysis Date..:** 06/14/07
Prep Batch #...: 7172257 **Analysis Time..:** 13:18
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Gasoline Range Organics	**5.51**	**5.47**	**mg/kg**	**99**		**SW846 8015B**
	5.51	**5.44**	**mg/kg**	**99**	**0.53**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	96	(77 - 123)
	96	(77 - 123)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...: D7F120221 **Work Order #...:** J1JHX1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: D7F210000-467 J1JHX1AD-LCSD
Prep Date.....: 06/14/07 **Analysis Date..:** 06/18/07
Prep Batch #...: 7172467 **Analysis Time..:** 11:17
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Gasoline Range Organics	**100**	**(85 - 153)**			**SW846 8015B**
	103	**(85 - 153)**	**3.1**	**(0-30)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	100	(77 - 123)
	100	(77 - 123)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Volatiles

Client Lot #...: D7F120221 **Work Order #...:** J1JHX1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: D7F210000-467 J1JHX1AD-LCSD
Prep Date.....: 06/14/07 **Analysis Date..:** 06/18/07
Prep Batch #...: 7172467 **Analysis Time..:** 11:17
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Gasoline Range Organics	**5.48**	**5.50**	**mg/kg**	**100**		**SW846 8015B**
	5.48	**5.67**	**mg/kg**	**103**	**3.1**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	100	(77 - 123)
	100	(77 - 123)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...: D7F120221 **Work Order #...:** J0NRG1CD-MS **Matrix.....:** SOLID
MS Lot-Sample #: D7F090156-014 J0NRG1CE-MSD
Date Sampled...: 06/07/07 16:00 **Date Received..:** 06/09/07
Prep Date.....: 06/13/07 **Analysis Date..:** 06/15/07
Prep Batch #...: 7172257 **Analysis Time..:** 13:04
Dilution Factor: 1 .

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Gasoline Range Organics	**88**	**(85 - 153)**			**SW846 8015B**
	86	**(85 - 153)**	**1.9**	**(0-30)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	95	(77 - 123)
	94	(77 - 123)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

GC Volatiles

Client Lot #...: D7F120221 **Work Order #...:** J0NRG1CD-MS **Matrix.....:** SOLID
MS Lot-Sample #: D7F090156-014 J0NRG1CE-MSD
Date Sampled...: 06/07/07 16:00 **Date Received..:** 06/09/07
Prep Date.....: 06/13/07 **Analysis Date..:** 06/15/07
Prep Batch #...: 7172257 **Analysis Time..:** 13:04
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Gasoline Range Organics	**0.73**	**7.38**	**7.23**	**mg/kg**	**88**		**SW846 8015B**
	0.73	**7.38**	**7.09**	**mg/kg**	**86**	**1.9**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	95	(77 - 123)
	94	(77 - 123)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...: D7F120221 **Work Order #...:** J0NR21CN-MS **Matrix.....:** SOLID
MS Lot-Sample #: D7F090156-020 J0NR21CP-MSD
Date Sampled...: 06/08/07 10:00 **Date Received..:** 06/09/07
Prep Date.....: 06/13/07 **Analysis Date..:** 06/15/07
Prep Batch #...: 7172257 **Analysis Time..:** 02:01
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Gasoline Range Organics	**94**	**(85 - 153)**			**SW846 8015B**
	93	**(85 - 153)**	**1.6**	**(0-30)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	87	(77 - 123)
	89	(77 - 123)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

GC Volatiles

Client Lot #...: D7F120221 **Work Order #...:** J0NR21CN-MS **Matrix.....:** SOLID
MS Lot-Sample #: D7F090156-020 J0NR21CP-MSD
Date Sampled...: 06/08/07 10:00 **Date Received..:** 06/09/07
Prep Date.....: 06/13/07 **Analysis Date..:** 06/15/07
Prep Batch #...: 7172257 **Analysis Time..:** 02:01
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Gasoline Range Organics	**ND**	**7.49**	**7.05**	**mg/kg**	**94**		**SW846 8015B**
	ND	**7.49**	**6.94**	**mg/kg**	**93**	**1.6**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	87	(77 - 123)
	89	(77 - 123)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...: D7F120221 **Work Order #...:** J0R251DW-MS **Matrix.....:** SO
MS Lot-Sample #: D7F120221-020 J0R251DX-MSD
Date Sampled...: 06/10/07 14:15 **Date Received..:** 06/12/07
Prep Date.....: 06/14/07 **Analysis Date..:** 06/18/07
Prep Batch #...: 7172467 **Analysis Time..:** 17:03
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Gasoline Range Organics	**105**	**(85 - 153)**			**SW846 8015B**
	95	**(85 - 153)**	**10**	**(0-30)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	97	(77 - 123)
	97	(77 - 123)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

GC Volatiles

Client Lot #...: D7F120221 **Work Order #...:** J0R251DW-MS **Matrix.....:** SO
MS Lot-Sample #: D7F120221-020 J0R251DX-MSD
Date Sampled...: 06/10/07 14:15 **Date Received..:** 06/12/07
Prep Date.....: 06/14/07 **Analysis Date..:** 06/18/07
Prep Batch #...: 7172467 **Analysis Time..:** 17:03
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Gasoline Range Organics	**ND**	**6.34**	**6.68**	**mg/kg**	**105**		**SW846 8015B**
	ND	**6.34**	**6.03**	**mg/kg**	**95**	**10**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	97	(77 - 123)
	97	(77 - 123)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J03KJ1AA **Matrix.....:** SOLID
MB Lot-Sample #: D7F140000-573

Prep Date.....: 06/14/07 **Analysis Time..:** 21:29

Analysis Date..: 06/20/07 **Prep Batch #...:** 7165573
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Diesel Range Organics (C1	**1.9 J**	**4.0**	**mg/kg**	**SW846 8015B**
Motor Oil Range Organics	ND	4.0	mg/kg	SW846 8015B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	72	(45 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

J Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J03KJ1AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7F140000-573
Prep Date.....: 06/14/07 **Analysis Date..:** 06/20/07
Prep Batch #...: 7165573 **Analysis Time..:** 22:07
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Diesel Range Organics (C10-C28)	**75**	**(53 - 115)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	68	(49 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J03KJ1AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7F140000-573
Prep Date.....: 06/14/07 **Analysis Date..:** 06/20/07
Prep Batch #...: 7165573 **Analysis Time..:** 22:07
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Diesel Range Organics (C10-C28)	**68.7**	**51.6**	**mg/kg**	**75**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	68	(49 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J0R251D0-MS **Matrix.....:** SO
MS Lot-Sample #: D7F120221-020 J0R251D1-MSD
Date Sampled...: 06/10/07 14:15 **Date Received..:** 06/12/07
Prep Date.....: 06/14/07 **Analysis Date..:** 06/21/07
Prep Batch #...: 7165573 **Analysis Time..:** 03:06
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Diesel Range Organics (C10-C28)	**74**	**(56 - 115)**			**SW846 8015B**
	77	**(56 - 115)**	**4.8**	**(0-23)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	57	(45 - 115)
	66	(45 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J0R251D0-MS **Matrix.....:** SO
MS Lot-Sample #: D7F120221-020 J0R251D1-MSD
Date Sampled...: 06/10/07 14:15 **Date Received..:** 06/12/07
Prep Date.....: 06/14/07 **Analysis Date..:** 06/21/07
Prep Batch #...: 7165573 **Analysis Time..:** 03:06
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Diesel Range Organics (C10-C28)	**2.1**	**77.2**	**58.9**	**mg/kg**	**74**		**SW846 8015B**
	2.1	**77.2**	**61.8**	**mg/kg**	**77**	**4.8**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	57	(45 - 115)
	66	(45 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: D7F120221
MB Lot-Sample #: D7F120000-433

Work Order #...: J0TNE1AA

Matrix.....: WATER

Prep Date.....: 06/12/07
Prep Batch #...: 7163433

Analysis Date..: 06/26/07
Dilution Factor: 1

Analysis Time..: 20:41

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aldrin	ND	0.040	ug/L	SW846 8081A
alpha-BHC	ND	0.030	ug/L	SW846 8081A
beta-BHC	ND	0.060	ug/L	SW846 8081A
delta-BHC	ND	0.090	ug/L	SW846 8081A
gamma-BHC (Lindane)	ND	0.040	ug/L	SW846 8081A
alpha-Chlordane	ND	0.050	ug/L	SW846 8081A
gamma-Chlordane	ND	0.050	ug/L	SW846 8081A
4,4'-DDD	ND	0.11	ug/L	SW846 8081A
4,4'-DDE	ND	0.040	ug/L	SW846 8081A
4,4'-DDT	ND	0.12	ug/L	SW846 8081A
Dieldrin	ND	0.020	ug/L	SW846 8081A
Endosulfan I	ND	0.020	ug/L	SW846 8081A
Endosulfan II	ND	0.040	ug/L	SW846 8081A
Endosulfan sulfate	ND	0.66	ug/L	SW846 8081A
Endrin	ND	0.060	ug/L	SW846 8081A
Endrin aldehyde	ND	0.23	ug/L	SW846 8081A
Endrin ketone	ND	0.10	ug/L	SW846 8081A
Heptachlor	ND	0.030	ug/L	SW846 8081A
Heptachlor epoxide	ND	0.080	ug/L	SW846 8081A
Methoxychlor	ND	1.8	ug/L	SW846 8081A
Toxaphene	ND	2.5	ug/L	SW846 8081A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	108	(57 - 122)
Tetrachloro-m-xylene	87	(38 - 116)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

ND: The analyte was analyzed for, but not detected.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: D7F120221
MB Lot-Sample #: D7F150000-133

Work Order #...: J03051AA

Matrix.....: SOLID

Prep Date.....: 06/15/07
Prep Batch #...: 7166133

Analysis Date..: 06/26/07
Dilution Factor: 1

Analysis Time..: 22:35

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aldrin	ND	1.7	ug/kg	SW846 8081A
alpha-BHC	ND	1.7	ug/kg	SW846 8081A
beta-BHC	ND	1.7	ug/kg	SW846 8081A
delta-BHC	ND	1.7	ug/kg	SW846 8081A
gamma-BHC (Lindane)	ND	1.7	ug/kg	SW846 8081A
alpha-Chlordane	ND	1.7	ug/kg	SW846 8081A
gamma-Chlordane	ND	1.7	ug/kg	SW846 8081A
4,4'-DDD	ND	1.7	ug/kg	SW846 8081A
4,4'-DDE	ND	1.7	ug/kg	SW846 8081A
4,4'-DDT	ND	2.0	ug/kg	SW846 8081A
Dieldrin	ND	1.7	ug/kg	SW846 8081A
Endosulfan I	ND	1.7	ug/kg	SW846 8081A
Endosulfan II	ND	1.7	ug/kg	SW846 8081A
Endosulfan sulfate	ND	1.7	ug/kg	SW846 8081A
Endrin	ND	1.7	ug/kg	SW846 8081A
Endrin aldehyde	ND	1.7	ug/kg	SW846 8081A
Endrin ketone	ND	1.7	ug/kg	SW846 8081A
Heptachlor	ND	1.7	ug/kg	SW846 8081A
Heptachlor epoxide	ND	1.7	ug/kg	SW846 8081A
Methoxychlor	ND	3.3	ug/kg	SW846 8081A
Toxaphene	ND	170	ug/kg	SW846 8081A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	102	(72 - 117)
Tetrachloro-m-xylene	96	(68 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

ND: The analyte was analyzed for, but not detected.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J0TNE1AC **Matrix.....:** WATER
LCS Lot-Sample#: D7F120000-433
Prep Date.....: 06/12/07 **Analysis Date..:** 06/26/07
Prep Batch #...: 7163433 **Analysis Time..:** 18:15
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
4,4'-DDD	**102**	**(76 - 117)**	**SW846 8081A**
4,4'-DDE	**100**	**(72 - 112)**	**SW846 8081A**
4,4'-DDT	**110**	**(59 - 119)**	**SW846 8081A**
Aldrin	**93**	**(45 - 115)**	**SW846 8081A**
alpha-BHC	**102**	**(72 - 115)**	**SW846 8081A**
beta-BHC	**102**	**(70 - 118)**	**SW846 8081A**
delta-BHC	**103**	**(57 - 104)**	**SW846 8081A**
Dieldrin	**103**	**(74 - 118)**	**SW846 8081A**
Endosulfan I	**101**	**(75 - 115)**	**SW846 8081A**
Endosulfan II	**103**	**(75 - 118)**	**SW846 8081A**
Endosulfan sulfate	**102**	**(69 - 117)**	**SW846 8081A**
Endrin	**111**	**(71 - 115)**	**SW846 8081A**
Endrin aldehyde	**98**	**(73 - 113)**	**SW846 8081A**
Endrin ketone	**109**	**(71 - 121)**	**SW846 8081A**
gamma-BHC (Lindane)	**101**	**(71 - 118)**	**SW846 8081A**
Heptachlor	**95**	**(52 - 115)**	**SW846 8081A**
Heptachlor epoxide	**100**	**(74 - 114)**	**SW846 8081A**
Methoxychlor	**110**	**(62 - 116)**	**SW846 8081A**
alpha-Chlordane	**99**	**(74 - 114)**	**SW846 8081A**
gamma-Chlordane	**100**	**(72 - 112)**	**SW846 8081A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	113	(57 - 122)
Tetrachloro-m-xylene	97	(38 - 116)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J0TNE1AC **Matrix.....:** WATER
LCS Lot-Sample#: D7F120000-433
Prep Date.....: 06/12/07 **Analysis Date..:** 06/26/07
Prep Batch #...: 7163433 **Analysis Time..:** 18:15
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
4,4'-DDD	**0.500**	**0.509**	**ug/L**	**102**	**SW846 8081A**
4,4'-DDE	**0.500**	**0.502**	**ug/L**	**100**	**SW846 8081A**
4,4'-DDT	**0.500**	**0.549**	**ug/L**	**110**	**SW846 8081A**
Aldrin	**0.500**	**0.463**	**ug/L**	**93**	**SW846 8081A**
alpha-BHC	**0.500**	**0.508**	**ug/L**	**102**	**SW846 8081A**
beta-BHC	**0.500**	**0.512**	**ug/L**	**102**	**SW846 8081A**
delta-BHC	**0.500**	**0.516**	**ug/L**	**103**	**SW846 8081A**
Dieldrin	**0.500**	**0.513**	**ug/L**	**103**	**SW846 8081A**
Endosulfan I	**0.500**	**0.503**	**ug/L**	**101**	**SW846 8081A**
Endosulfan II	**0.500**	**0.513**	**ug/L**	**103**	**SW846 8081A**
Endosulfan sulfate	**0.500**	**0.509**	**ug/L**	**102**	**SW846 8081A**
Endrin	**0.500**	**0.557**	**ug/L**	**111**	**SW846 8081A**
Endrin aldehyde	**0.500**	**0.491**	**ug/L**	**98**	**SW846 8081A**
Endrin ketone	**0.500**	**0.547**	**ug/L**	**109**	**SW846 8081A**
gamma-BHC (Lindane)	**0.500**	**0.507**	**ug/L**	**101**	**SW846 8081A**
Heptachlor	**0.500**	**0.476**	**ug/L**	**95**	**SW846 8081A**
Heptachlor epoxide	**0.500**	**0.502**	**ug/L**	**100**	**SW846 8081A**
Methoxychlor	**0.500**	**0.551**	**ug/L**	**110**	**SW846 8081A**
alpha-Chlordane	**0.500**	**0.494**	**ug/L**	**99**	**SW846 8081A**
gamma-Chlordane	**0.500**	**0.498**	**ug/L**	**100**	**SW846 8081A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	113	(57 - 122)
Tetrachloro-m-xylene	97	(38 - 116)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J0TNE1AD **Matrix.....:** WATER
LCS Lot-Sample#: D7F120000-433
Prep Date.....: 06/12/07 **Analysis Date..:** 06/26/07
Prep Batch #...: 7163433 **Analysis Time..:** 18:31
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Toxaphene	**121**	**(63 - 142)**	**SW846 8081A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	114	(57 - 122)
Tetrachloro-m-xylene	97	(38 - 116)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J0TNE1AD **Matrix.....:** WATER
LCS Lot-Sample#: D7F120000-433
Prep Date.....: 06/12/07 **Analysis Date..:** 06/26/07
Prep Batch #...: 7163433 **Analysis Time..:** 18:31
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Toxaphene	**2.00**	**2.42**	**ug/L**	**121**	**SW846 8081A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	114	(57 - 122)
Tetrachloro-m-xylene	97	(38 - 116)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J03051AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7F150000-133
Prep Date.....: 06/15/07 **Analysis Date..:** 06/26/07
Prep Batch #...: 7166133 **Analysis Time..:** 20:57
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
alpha-BHC	**98**	**(62 - 110)**	**SW846 8081A**
beta-BHC	**102**	**(63 - 114)**	**SW846 8081A**
delta-BHC	**98**	**(59 - 105)**	**SW846 8081A**
Dieldrin	**97**	**(74 - 119)**	**SW846 8081A**
Endosulfan I	**91**	**(72 - 113)**	**SW846 8081A**
Endosulfan II	**95**	**(74 - 117)**	**SW846 8081A**
4,4'-DDD	**96**	**(70 - 118)**	**SW846 8081A**
4,4'-DDE	**95**	**(74 - 117)**	**SW846 8081A**
4,4'-DDT	**105**	**(63 - 122)**	**SW846 8081A**
Aldrin	**95**	**(72 - 112)**	**SW846 8081A**
Endosulfan sulfate	**95**	**(71 - 126)**	**SW846 8081A**
Endrin	**103**	**(71 - 114)**	**SW846 8081A**
Endrin aldehyde	**91**	**(64 - 104)**	**SW846 8081A**
Endrin ketone	**105**	**(74 - 120)**	**SW846 8081A**
gamma-BHC (Lindane)	**97**	**(66 - 116)**	**SW846 8081A**
Heptachlor	**98**	**(71 - 117)**	**SW846 8081A**
Heptachlor epoxide	**95**	**(73 - 113)**	**SW846 8081A**
Methoxychlor	**106**	**(66 - 117)**	**SW846 8081A**
alpha-Chlordane	**95**	**(72 - 112)**	**SW846 8081A**
gamma-Chlordane	**96**	**(71 - 114)**	**SW846 8081A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	105	(72 - 117)
Tetrachloro-m-xylene	95	(68 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J03051AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7F150000-133
Prep Date.....: 06/15/07 **Analysis Date..:** 06/26/07
Prep Batch #...: 7166133 **Analysis Time..:** 20:57
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
alpha-BHC	**16.7**	**16.3**	**ug/kg**	**98**	**SW846 8081A**
beta-BHC	**16.7**	**17.0**	**ug/kg**	**102**	**SW846 8081A**
delta-BHC	**16.7**	**16.3**	**ug/kg**	**98**	**SW846 8081A**
Dieldrin	**16.7**	**16.1**	**ug/kg**	**97**	**SW846 8081A**
Endosulfan I	**16.7**	**15.2**	**ug/kg**	**91**	**SW846 8081A**
Endosulfan II	**16.7**	**15.8**	**ug/kg**	**95**	**SW846 8081A**
4,4'-DDD	**16.7**	**15.9**	**ug/kg**	**96**	**SW846 8081A**
4,4'-DDE	**16.7**	**15.8**	**ug/kg**	**95**	**SW846 8081A**
4,4'-DDT	**16.7**	**17.5**	**ug/kg**	**105**	**SW846 8081A**
Aldrin	**16.7**	**15.9**	**ug/kg**	**95**	**SW846 8081A**
Endosulfan sulfate	**16.7**	**15.9**	**ug/kg**	**95**	**SW846 8081A**
Endrin	**16.7**	**17.1**	**ug/kg**	**103**	**SW846 8081A**
Endrin aldehyde	**16.7**	**15.2**	**ug/kg**	**91**	**SW846 8081A**
Endrin ketone	**16.7**	**17.5**	**ug/kg**	**105**	**SW846 8081A**
gamma-BHC (Lindane)	**16.7**	**16.1**	**ug/kg**	**97**	**SW846 8081A**
Heptachlor	**16.7**	**16.3**	**ug/kg**	**98**	**SW846 8081A**
Heptachlor epoxide	**16.7**	**15.9**	**ug/kg**	**95**	**SW846 8081A**
Methoxychlor	**16.7**	**17.6**	**ug/kg**	**106**	**SW846 8081A**
alpha-Chlordane	**16.7**	**15.8**	**ug/kg**	**95**	**SW846 8081A**
gamma-Chlordane	**16.7**	**16.1**	**ug/kg**	**96**	**SW846 8081A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	105	(72 - 117)
Tetrachloro-m-xylene	95	(68 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J03051AE-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: D7F150000-133 J03051AF-LCSD
Prep Date.....: 06/15/07 **Analysis Date..:** 06/26/07
Prep Batch #...: 7166133 **Analysis Time..:** 21:14
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Toxaphene	**104**	**(51 - 139)**			**SW846 8081A**
	99	**(51 - 139)**	**4.4**	**(0-23)**	**SW846 8081A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	102	(72 - 117)
	96	(72 - 117)
Tetrachloro-m-xylene	94	(68 - 120)
	88	(68 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J03051AE-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: D7F150000-133 J03051AF-LCSD
Prep Date.....: 06/15/07 **Analysis Date..:** 06/26/07
Prep Batch #...: 7166133 **Analysis Time..:** 21:14
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Toxaphene	**65.8**	**68.5**	**ug/kg**	**104**		**SW846 8081A**
	66.2	**65.6**	**ug/kg**	**99**	**4.4**	**SW846 8081A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	102	(72 - 117)
	96	(72 - 117)
Tetrachloro-m-xylene	94	(68 - 120)
	88	(68 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J0R021AW-MS **Matrix.....:** WG
MS Lot-Sample #: D7F120221-005 J0R021AX-MSD
Date Sampled...: 06/10/07 10:23 **Date Received..:** 06/12/07
Prep Date.....: 06/12/07 **Analysis Date..:** 06/26/07
Prep Batch #...: 7163433 **Analysis Time..:** 19:03
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
4,4'-DDD	102	(76 - 117)			SW846 8081A
	108	(76 - 117)	11	(0-50)	SW846 8081A
4,4'-DDE	102	(72 - 112)			SW846 8081A
	107	(72 - 112)	11	(0-50)	SW846 8081A
4,4'-DDT	111	(59 - 119)			SW846 8081A
	118	(59 - 119)	12	(0-25)	SW846 8081A
Aldrin	99	(45 - 115)			SW846 8081A
	105	(45 - 115)	11	(0-33)	SW846 8081A
alpha-BHC	102	(72 - 115)			SW846 8081A
	109	(72 - 115)	13	(0-50)	SW846 8081A
beta-BHC	103	(70 - 118)			SW846 8081A
	109	(70 - 118)	11	(0-50)	SW846 8081A
delta-BHC	104	(57 - 104)			SW846 8081A
	109 a	(57 - 104)	11	(0-50)	SW846 8081A
Dieldrin	103	(74 - 118)			SW846 8081A
	108	(74 - 118)	11	(0-22)	SW846 8081A
Endosulfan I	101	(75 - 115)			SW846 8081A
	106	(75 - 115)	11	(0-50)	SW846 8081A
Endosulfan II	103	(75 - 118)			SW846 8081A
	109	(75 - 118)	12	(0-50)	SW846 8081A
Endosulfan sulfate	102	(69 - 117)			SW846 8081A
	108	(69 - 117)	11	(0-50)	SW846 8081A
Endrin	112	(71 - 115)			SW846 8081A
	119 a	(71 - 115)	12	(0-39)	SW846 8081A
Endrin aldehyde	100	(73 - 113)			SW846 8081A
	105	(73 - 113)	11	(0-50)	SW846 8081A
Endrin ketone	110	(71 - 121)			SW846 8081A
	112	(71 - 121)	7.7	(0-50)	SW846 8081A
gamma-BHC (Lindane)	103	(71 - 118)			SW846 8081A
	108	(71 - 118)	11	(0-26)	SW846 8081A
Heptachlor	99	(52 - 115)			SW846 8081A
	105	(52 - 115)	12	(0-27)	SW846 8081A
Heptachlor epoxide	100	(74 - 114)			SW846 8081A
	106	(74 - 114)	11	(0-50)	SW846 8081A
Methoxychlor	111	(62 - 116)			SW846 8081A
	116	(62 - 116)	9.7	(0-50)	SW846 8081A
alpha-Chlordane	100	(74 - 114)			SW846 8081A
	106	(74 - 114)	11	(0-50)	SW846 8081A
gamma-Chlordane	102	(72 - 112)			SW846 8081A
	107	(72 - 112)	11	(0-50)	SW846 8081A

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J0R021AW-MS **Matrix.....:** WG
MS Lot-Sample #: D7F120221-005 J0R021AX-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	107	(57 - 122)
	102	(57 - 122)
Tetrachloro-m-xylene	96	(38 - 116)
	101	(38 - 116)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: D7F120221
MS Lot-Sample #: D7F120221-005
Date Sampled...: 06/10/07 10:23
Prep Date.....: 06/12/07
Prep Batch #...: 7163433
Dilution Factor: 1

Work Order #...: J0R021AW-MS
J0R021AX-MSD
Date Received..: 06/12/07
Analysis Date..: 06/26/07
Analysis Time..: 19:03

Matrix.....: WG

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
4,4'-DDD	ND	0.495	0.507	ug/L	102		SW846 8081A
	ND	0.524	0.566	ug/L	108	11	SW846 8081A
4,4'-DDE	ND	0.495	0.506	ug/L	102		SW846 8081A
	ND	0.524	0.563	ug/L	107	11	SW846 8081A
4,4'-DDT	ND	0.495	0.548	ug/L	111		SW846 8081A
	ND	0.524	0.618	ug/L	118	12	SW846 8081A
Aldrin	ND	0.495	0.490	ug/L	99		SW846 8081A
	ND	0.524	0.548	ug/L	105	11	SW846 8081A
alpha-BHC	ND	0.495	0.502	ug/L	102		SW846 8081A
	ND	0.524	0.572	ug/L	109	13	SW846 8081A
beta-BHC	ND	0.495	0.507	ug/L	103		SW846 8081A
	ND	0.524	0.569	ug/L	109	11	SW846 8081A
delta-BHC	ND	0.495	0.513	ug/L	104		SW846 8081A
	ND	0.524	0.571	ug/L	109 a	11	SW846 8081A
Dieldrin	ND	0.495	0.510	ug/L	103		SW846 8081A
	ND	0.524	0.568	ug/L	108	11	SW846 8081A
Endosulfan I	ND	0.495	0.500	ug/L	101		SW846 8081A
	ND	0.524	0.556	ug/L	106	11	SW846 8081A
Endosulfan II	ND	0.495	0.511	ug/L	103		SW846 8081A
	ND	0.524	0.573	ug/L	109	12	SW846 8081A
Endosulfan sulfate	ND	0.495	0.507	ug/L	102		SW846 8081A
	ND	0.524	0.566	ug/L	108	11	SW846 8081A
Endrin	ND	0.495	0.553	ug/L	112		SW846 8081A
	ND	0.524	0.622	ug/L	119 a	12	SW846 8081A
Endrin aldehyde	ND	0.495	0.496	ug/L	100		SW846 8081A
	ND	0.524	0.552	ug/L	105	11	SW846 8081A
Endrin ketone	ND	0.495	0.544	ug/L	110		SW846 8081A
	ND	0.524	0.588	ug/L	112	7.7	SW846 8081A
gamma-BHC (Lindane)	ND	0.495	0.507	ug/L	103		SW846 8081A
	ND	0.524	0.567	ug/L	108	11	SW846 8081A
Heptachlor	ND	0.495	0.490	ug/L	99		SW846 8081A
	ND	0.524	0.550	ug/L	105	12	SW846 8081A
Heptachlor epoxide	ND	0.495	0.497	ug/L	100		SW846 8081A
	ND	0.524	0.553	ug/L	106	11	SW846 8081A
Methoxychlor	ND	0.495	0.551	ug/L	111		SW846 8081A
	ND	0.524	0.607	ug/L	116	9.7	SW846 8081A
alpha-Chlordane	ND	0.495	0.493	ug/L	100		SW846 8081A
	ND	0.524	0.553	ug/L	106	11	SW846 8081A
gamma-Chlordane	ND	0.495	0.504	ug/L	102		SW846 8081A
	ND	0.524	0.561	ug/L	107	11	SW846 8081A

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MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J0R021AW-MS **Matrix.....:** WG
MS Lot-Sample #: D7F120221-005 J0R021AX-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	107	(57 - 122)
	102	(57 - 122)
Tetrachloro-m-xylene	96	(38 - 116)
	101	(38 - 116)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J0R331AW-MS **Matrix.....:** SO
MS Lot-Sample #: D7F120221-031 J0R331AX-MSD
Date Sampled...: 06/11/07 08:15 **Date Received..:** 06/12/07
Prep Date.....: 06/15/07 **Analysis Date..:** 06/26/07
Prep Batch #...: 7166133 **Analysis Time..:** 22:02
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
4,4'-DDD	89	(70 - 118)			SW846 8081A
	87	(70 - 118)	1.7	(0-20)	SW846 8081A
4,4'-DDE	91	(74 - 117)			SW846 8081A
	88	(74 - 117)	1.8	(0-15)	SW846 8081A
4,4'-DDT	100	(63 - 122)			SW846 8081A
	99	(63 - 122)	0.17	(0-29)	SW846 8081A
Aldrin	91	(72 - 112)			SW846 8081A
	90	(72 - 112)	0.85	(0-50)	SW846 8081A
alpha-BHC	92	(62 - 110)			SW846 8081A
	90	(62 - 110)	1.8	(0-17)	SW846 8081A
beta-BHC	95	(63 - 114)			SW846 8081A
	94	(63 - 114)	0.23	(0-17)	SW846 8081A
delta-BHC	93	(59 - 105)			SW846 8081A
	91	(59 - 105)	0.74	(0-19)	SW846 8081A
Dieldrin	92	(74 - 119)			SW846 8081A
	90	(74 - 119)	1.2	(0-25)	SW846 8081A
Endosulfan I	86	(72 - 113)			SW846 8081A
	84	(72 - 113)	1.1	(0-26)	SW846 8081A
Endosulfan II	87	(74 - 117)			SW846 8081A
	87	(74 - 117)	1.4	(0-20)	SW846 8081A
Endosulfan sulfate	87	(71 - 126)			SW846 8081A
	88	(71 - 126)	2.5	(0-22)	SW846 8081A
Endrin	97	(71 - 114)			SW846 8081A
	97	(71 - 114)	0.83	(0-30)	SW846 8081A
Endrin aldehyde	84	(64 - 104)			SW846 8081A
	84	(64 - 104)	0.96	(0-29)	SW846 8081A
Endrin ketone	97	(74 - 120)			SW846 8081A
	97	(74 - 120)	0.49	(0-20)	SW846 8081A
gamma-BHC (Lindane)	92	(66 - 116)			SW846 8081A
	90	(66 - 116)	1.5	(0-24)	SW846 8081A
Heptachlor	94	(71 - 117)			SW846 8081A
	92	(71 - 117)	1.4	(0-18)	SW846 8081A
Heptachlor epoxide	90	(73 - 113)			SW846 8081A
	89	(73 - 113)	0.92	(0-18)	SW846 8081A
Methoxychlor	97	(66 - 117)			SW846 8081A
	99	(66 - 117)	3.4	(0-23)	SW846 8081A
alpha-Chlordane	90	(72 - 112)			SW846 8081A
	88	(72 - 112)	1.4	(0-18)	SW846 8081A
gamma-Chlordane	91	(71 - 114)			SW846 8081A
	89	(71 - 114)	1.8	(0-21)	SW846 8081A

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J0R331AW-MS **Matrix.....:** SO
MS Lot-Sample #: D7F120221-031 J0R331AX-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	95	(72 - 117)
	94	(72 - 117)
Tetrachloro-m-xylene	91	(68 - 120)
	88	(68 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J0R331AW-MS **Matrix.....:** SO
MS Lot-Sample #: D7F120221-031 J0R331AX-MSD
Date Sampled...: 06/11/07 08:15 **Date Received..:** 06/12/07
Prep Date.....: 06/15/07 **Analysis Date..:** 06/26/07
Prep Batch #...: 7166133 **Analysis Time..:** 22:02
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
4,4'-DDD	ND	20.0	17.8	ug/kg	89		SW846 8081A
	ND	20.2	17.5	ug/kg	87	1.7	SW846 8081A
4,4'-DDE	ND	20.0	18.1	ug/kg	91		SW846 8081A
	ND	20.2	17.7	ug/kg	88	1.8	SW846 8081A
4,4'-DDT	ND	20.0	19.9	ug/kg	100		SW846 8081A
	ND	20.2	19.9	ug/kg	99	0.17	SW846 8081A
Aldrin	ND	20.0	18.2	ug/kg	91		SW846 8081A
	ND	20.2	18.1	ug/kg	90	0.85	SW846 8081A
alpha-BHC	ND	20.0	18.4	ug/kg	92		SW846 8081A
	ND	20.2	18.1	ug/kg	90	1.8	SW846 8081A
beta-BHC	ND	20.0	19.0	ug/kg	95		SW846 8081A
	ND	20.2	18.9	ug/kg	94	0.23	SW846 8081A
delta-BHC	ND	20.0	18.5	ug/kg	93		SW846 8081A
	ND	20.2	18.4	ug/kg	91	0.74	SW846 8081A
Dieldrin	ND	20.0	18.3	ug/kg	92		SW846 8081A
	ND	20.2	18.1	ug/kg	90	1.2	SW846 8081A
Endosulfan I	ND	20.0	17.1	ug/kg	86		SW846 8081A
	ND	20.2	17.0	ug/kg	84	1.1	SW846 8081A
Endosulfan II	ND	20.0	17.3	ug/kg	87		SW846 8081A
	ND	20.2	17.6	ug/kg	87	1.4	SW846 8081A
Endosulfan sulfate	ND	20.0	17.4	ug/kg	87		SW846 8081A
	ND	20.2	17.8	ug/kg	88	2.5	SW846 8081A
Endrin	ND	20.0	19.4	ug/kg	97		SW846 8081A
	ND	20.2	19.6	ug/kg	97	0.83	SW846 8081A
Endrin aldehyde	ND	20.0	16.8	ug/kg	84		SW846 8081A
	ND	20.2	17.0	ug/kg	84	0.96	SW846 8081A
Endrin ketone	ND	20.0	19.4	ug/kg	97		SW846 8081A
	ND	20.2	19.5	ug/kg	97	0.49	SW846 8081A
gamma-BHC (Lindane)	ND	20.0	18.3	ug/kg	92		SW846 8081A
	ND	20.2	18.1	ug/kg	90	1.5	SW846 8081A
Heptachlor	ND	20.0	18.8	ug/kg	94		SW846 8081A
	ND	20.2	18.5	ug/kg	92	1.4	SW846 8081A
Heptachlor epoxide	ND	20.0	18.1	ug/kg	90		SW846 8081A
	ND	20.2	17.9	ug/kg	89	0.92	SW846 8081A
Methoxychlor	ND	20.0	19.3	ug/kg	97		SW846 8081A
	ND	20.2	20.0	ug/kg	99	3.4	SW846 8081A
alpha-Chlordane	ND	20.0	18.0	ug/kg	90		SW846 8081A
	ND	20.2	17.7	ug/kg	88	1.4	SW846 8081A
gamma-Chlordane	ND	20.0	18.2	ug/kg	91		SW846 8081A
	ND	20.2	17.9	ug/kg	89	1.8	SW846 8081A

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MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J0R331AW-MS **Matrix.....:** SO
MS Lot-Sample #: D7F120221-031 J0R331AX-MSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	95	(72 - 117)
	94	(72 - 117)
Tetrachloro-m-xylene	91	(68 - 120)
	88	(68 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J0TM61AA **Matrix.....:** WATER
MB Lot-Sample #: D7F120000-431

Prep Date.....: 06/12/07 **Analysis Time..:** 18:49
Analysis Date..: 06/14/07 **Prep Batch #...:** 7163431
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	1.0	ug/L	SW846 8082
Aroclor 1221	ND	1.0	ug/L	SW846 8082
Aroclor 1232	ND	1.0	ug/L	SW846 8082
Aroclor 1242	ND	1.0	ug/L	SW846 8082
Aroclor 1248	ND	1.0	ug/L	SW846 8082
Aroclor 1254	ND	1.0	ug/L	SW846 8082
Aroclor 1260	ND	1.0	ug/L	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	76	(51 - 122)
Decachlorobiphenyl	86	(41 - 138)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J030V1AA **Matrix.....:** SOLID
MB Lot-Sample #: D7F150000-130

Prep Date.....: 06/15/07 **Analysis Time..:** 23:15
Analysis Date..: 06/19/07 **Prep Batch #...:** 7166130
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	33	ug/kg	SW846 8082
Aroclor 1221	ND	47	ug/kg	SW846 8082
Aroclor 1232	ND	33	ug/kg	SW846 8082
Aroclor 1242	ND	33	ug/kg	SW846 8082
Aroclor 1248	ND	33	ug/kg	SW846 8082
Aroclor 1254	ND	33	ug/kg	SW846 8082
Aroclor 1260	ND	33	ug/kg	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	100	(68 - 125)
Tetrachloro-m-xylene	104	(67 - 129)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

ND: The analyte was analyzed for, but not detected.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J0TM61AC **Matrix.....:** WATER
LCS Lot-Sample#: D7F120000-431
Prep Date.....: 06/12/07 **Analysis Date..:** 06/14/07
Prep Batch #...: 7163431 **Analysis Time..:** 19:13
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**89**	**(61 - 125)**	**SW846 8082**
Aroclor 1260	**80**	**(63 - 129)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	80	(41 - 117)
Decachlorobiphenyl	91	(29 - 143)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J0TM61AC **Matrix.....:** WATER
LCS Lot-Sample#: D7F120000-431
Prep Date.....: 06/12/07 **Analysis Date..:** 06/14/07
Prep Batch #...: 7163431 **Analysis Time..:** 19:13
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aroclor 1016	**2.00**	**1.78**	**ug/L**	**89**	**SW846 8082**
Aroclor 1260	**2.00**	**1.60**	**ug/L**	**80**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	80	(41 - 117)
Decachlorobiphenyl	91	(29 - 143)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J030V1AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7F150000-130
Prep Date.....: 06/15/07 **Analysis Date..:** 06/19/07
Prep Batch #...: 7166130 **Analysis Time..:** 23:31
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**98**	**(71 - 118)**	**SW846 8082**
Aroclor 1260	**109**	**(65 - 123)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	109	(68 - 125)
Tetrachloro-m-xylene	100	(67 - 129)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J030V1AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7F150000-130
Prep Date.....: 06/15/07 **Analysis Date..:** 06/19/07
Prep Batch #...: 7166130 **Analysis Time..:** 23:31
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aroclor 1016	**68.7**	**67.3**	**ug/kg**	**98**	**SW846 8082**
Aroclor 1260	**68.7**	**74.7**	**ug/kg**	**109**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	109	(68 - 125)
Tetrachloro-m-xylene	100	(67 - 129)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J0R021AU-MS **Matrix.....:** WG
MS Lot-Sample #: D7F120221-005 J0R021AV-MSD
Date Sampled...: 06/10/07 10:23 **Date Received..:** 06/12/07
Prep Date.....: 06/12/07 **Analysis Date..:** 06/14/07
Prep Batch #...: 7163431 **Analysis Time..:** 20:45
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**79**	**(53 - 130)**			**SW846 8082**
	94	**(53 - 130)**	**22**	**(0-30)**	**SW846 8082**
Aroclor 1260	**83**	**(58 - 150)**			**SW846 8082**
	118 p	**(58 - 150)**	**40**	**(0-30)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	83	(51 - 122)
	83	(51 - 122)
Decachlorobiphenyl	87	(41 - 138)
	242 *	(41 - 138)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

* Surrogate recovery is outside stated control limits.

p Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J0R021AU-MS **Matrix.....:** WG
MS Lot-Sample #: D7F120221-005 J0R021AV-MSD
Date Sampled...: 06/10/07 10:23 **Date Received..:** 06/12/07
Prep Date.....: 06/12/07 **Analysis Date..:** 06/14/07
Prep Batch #...: 7163431 **Analysis Time..:** 20:45
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aroclor 1016	**ND**	**2.01**	**1.59**	**ug/L**	**79**		**SW846 8082**
	ND	**2.10**	**1.98**	**ug/L**	**94**	**22**	**SW846 8082**
Aroclor 1260	**ND**	**2.01**	**1.66**	**ug/L**	**83**		**SW846 8082**
	ND	**2.10**	**2.49**	**ug/L**	**118 p**	**40**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	83	(51 - 122)
	83	(51 - 122)
Decachlorobiphenyl	87	(41 - 138)
	242 *	(41 - 138)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

* Surrogate recovery is outside stated control limits.

p Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J0R331AU-MS **Matrix.....:** SO
MS Lot-Sample #: D7F120221-031 J0R331AV-MSD
Date Sampled...: 06/11/07 08:15 **Date Received..:** 06/12/07
Prep Date.....: 06/15/07 **Analysis Date..:** 06/20/07
Prep Batch #...: 7166130 **Analysis Time..:** 00:21
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**100**	**(71 - 118)**			**SW846 8082**
	106	**(71 - 118)**	**1.1**	**(0-36)**	**SW846 8082**
Aroclor 1260	**105**	**(65 - 123)**			**SW846 8082**
	114	**(65 - 123)**	**1.5**	**(0-44)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	97	(68 - 125)
	107	(68 - 125)
Tetrachloro-m-xylene	104	(67 - 129)
	111	(67 - 129)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J0R331AU-MS **Matrix.....:** SO
MS Lot-Sample #: D7F120221-031 J0R331AV-MSD
Date Sampled...: 06/11/07 08:15 **Date Received..:** 06/12/07
Prep Date.....: 06/15/07 **Analysis Date..:** 06/20/07
Prep Batch #...: 7166130 **Analysis Time..:** 00:21
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aroclor 1016	**ND**	**87.5**	**87.6**	**ug/kg**	**100**		**SW846 8082**
	ND	**81.7**	**86.6**	**ug/kg**	**106**	**1.1**	**SW846 8082**
Aroclor 1260	**ND**	**87.5**	**91.6**	**ug/kg**	**105**		**SW846 8082**
	ND	**81.7**	**92.9**	**ug/kg**	**114**	**1.5**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	97	(68 - 125)
	107	(68 - 125)
Tetrachloro-m-xylene	104	(67 - 129)
	111	(67 - 129)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: D7F120221
MB Lot-Sample #: D7F150000-379

Work Order #...: J05LF1AA

Matrix.....: WATER

Analysis Date..: 06/27/07
Dilution Factor: 1

Prep Date.....: 06/15/07
Prep Batch #...: 7166379

Analysis Time..: 07:44

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
2,4-D	ND	4.0	ug/L	SW846 8151A
Dalapon	ND	2.0	ug/L	SW846 8151A
2,4-DB	ND	4.0	ug/L	SW846 8151A
Dicamba	ND	2.0	ug/L	SW846 8151A
Dichlorprop	ND	4.0	ug/L	SW846 8151A
Dinoseb	ND	0.60	ug/L	SW846 8151A
MCPA	ND	400	ug/L	SW846 8151A
MCPP	ND	400	ug/L	SW846 8151A
2,4,5-TP (Silvex)	ND	1.0	ug/L	SW846 8151A
2,4,5-T	ND	1.0	ug/L	SW846 8151A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
DCAA	104	(39 - 135)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

ND: The analyte was analyzed for, but not detected.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J05LF1AC **Matrix.....:** WATER
LCS Lot-Sample#: D7F150000-379
Prep Date.....: 06/15/07 **Analysis Date..:** 06/27/07
Prep Batch #...: 7166379 **Analysis Time..:** 08:26
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
2,4-D	**67**	**(15 - 140)**	**SW846 8151A**
2,4,5-TP (Silvex)	**96**	**(45 - 165)**	**SW846 8151A**
2,4,5-T	**80**	**(29 - 168)**	**SW846 8151A**
Dinoseb	**88**	**(10 - 142)**	**SW846 8151A**
Dalapon	**96**	**(51 - 141)**	**SW846 8151A**
2,4-DB	**99**	**(63 - 148)**	**SW846 8151A**
Dicamba	**94**	**(53 - 153)**	**SW846 8151A**
Dichlorprop	**93**	**(39 - 136)**	**SW846 8151A**
MCPA	**85**	**(50 - 150)**	**SW846 8151A**
MCPP	**96**	**(67 - 141)**	**SW846 8151A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
DCAA	104	(39 - 135)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J05LF1AC **Matrix.....:** WATER
LCS Lot-Sample#: D7F150000-379
Prep Date.....: 06/15/07 **Analysis Date..:** 06/27/07
Prep Batch #...: 7166379 **Analysis Time..:** 08:26
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
2,4-D	**4.57**	**3.06**	**ug/L**	**67**	**SW846 8151A**
2,4,5-TP (Silvex)	**4.57**	**4.40**	**ug/L**	**96**	**SW846 8151A**
2,4,5-T	**4.62**	**3.71**	**ug/L**	**80**	**SW846 8151A**
Dinoseb	**4.61**	**4.04**	**ug/L**	**88**	**SW846 8151A**
Dalapon	**4.60**	**4.40**	**ug/L**	**96**	**SW846 8151A**
2,4-DB	**4.61**	**4.56**	**ug/L**	**99**	**SW846 8151A**
Dicamba	**4.51**	**4.22**	**ug/L**	**94**	**SW846 8151A**
Dichlorprop	**4.54**	**4.22**	**ug/L**	**93**	**SW846 8151A**
MCPA	**466**	**397**	**ug/L**	**85**	**SW846 8151A**
MCPP	**460**	**441**	**ug/L**	**96**	**SW846 8151A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
DCAA	104	(39 - 135)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J0R021AR-MS **Matrix.....:** WG
MS Lot-Sample #: D7F120221-005 J0R021AT-MSD
Date Sampled...: 06/10/07 10:23 **Date Received..:** 06/12/07
Prep Date.....: 06/15/07 **Analysis Date..:** 06/27/07
Prep Batch #...: 7166379 **Analysis Time..:** 05:40
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
2,4-D	**79**	**(15 - 140)**			**SW846 8151A**
	78	**(15 - 140)**	**5.3**	**(0-30)**	**SW846 8151A**
2,4,5-TP (Silvex)	**99**	**(45 - 165)**			**SW846 8151A**
	97	**(45 - 165)**	**6.0**	**(0-30)**	**SW846 8151A**
2,4,5-T	**91**	**(29 - 168)**			**SW846 8151A**
	87	**(29 - 168)**	**7.9**	**(0-30)**	**SW846 8151A**
Dinoseb	**35**	**(10 - 142)**			**SW846 8151A**
	76 p	**(10 - 142)**	**71**	**(0-30)**	**SW846 8151A**
Dalapon	**88**	**(51 - 141)**			**SW846 8151A**
	95	**(51 - 141)**	**3.7**	**(0-30)**	**SW846 8151A**
2,4-DB	**99**	**(63 - 148)**			**SW846 8151A**
	102	**(63 - 148)**	**1.2**	**(0-30)**	**SW846 8151A**
Dicamba	**96**	**(53 - 153)**			**SW846 8151A**
	94	**(53 - 153)**	**6.0**	**(0-30)**	**SW846 8151A**
Dichlorprop	**100**	**(39 - 136)**			**SW846 8151A**
	100	**(39 - 136)**	**4.1**	**(0-30)**	**SW846 8151A**
MCPA	**86**	**(50 - 150)**			**SW846 8151A**
	87	**(50 - 150)**	**2.5**	**(0-30)**	**SW846 8151A**
MCPP	**95**	**(67 - 141)**			**SW846 8151A**
	91	**(67 - 141)**	**8.1**	**(0-30)**	**SW846 8151A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
DCAA	109	(39 - 135)
	104	(39 - 135)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

p Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: D7F120221 **Work Order #...:** J0R021AR-MS **Matrix.....:** WG
MS Lot-Sample #: D7F120221-005 J0R021AT-MSD
Date Sampled...: 06/10/07 10:23 **Date Received..:** 06/12/07
Prep Date.....: 06/15/07 **Analysis Date..:** 06/27/07
Prep Batch #...: 7166379 **Analysis Time..:** 05:40
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
2,4-D	**ND**	**4.82**	**3.82**	**ug/L**	**79**		**SW846 8151A**
	ND	**4.65**	**3.63**	**ug/L**	**78**	**5.3**	**SW846 8151A**
2,4,5-TP (Silvex)	**ND**	**4.82**	**4.78**	**ug/L**	**99**		**SW846 8151A**
	ND	**4.64**	**4.50**	**ug/L**	**97**	**6.0**	**SW846 8151A**
2,4,5-T	**ND**	**4.87**	**4.41**	**ug/L**	**91**		**SW846 8151A**
	ND	**4.70**	**4.08**	**ug/L**	**87**	**7.9**	**SW846 8151A**
Dinoseb	**ND**	**4.86**	**1.70**	**ug/L**	**35**		**SW846 8151A**
	ND	**4.69**	**3.57**	**ug/L**	**76 p**	**71**	**SW846 8151A**
Dalapon	**ND**	**4.85**	**4.29**	**ug/L**	**88**		**SW846 8151A**
	ND	**4.68**	**4.46**	**ug/L**	**95**	**3.7**	**SW846 8151A**
2,4-DB	**ND**	**4.86**	**4.83**	**ug/L**	**99**		**SW846 8151A**
	ND	**4.69**	**4.77**	**ug/L**	**102**	**1.2**	**SW846 8151A**
Dicamba	**ND**	**4.76**	**4.58**	**ug/L**	**96**		**SW846 8151A**
	ND	**4.59**	**4.32**	**ug/L**	**94**	**6.0**	**SW846 8151A**
Dichlorprop	**ND**	**4.78**	**4.79**	**ug/L**	**100**		**SW846 8151A**
	ND	**4.61**	**4.60**	**ug/L**	**100**	**4.1**	**SW846 8151A**
MCPA	**ND**	**492**	**424**	**ug/L**	**86**		**SW846 8151A**
	ND	**474**	**413**	**ug/L**	**87**	**2.5**	**SW846 8151A**
MCPP	**ND**	**485**	**462**	**ug/L**	**95**		**SW846 8151A**
	ND	**468**	**426**	**ug/L**	**91**	**8.1**	**SW846 8151A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
DCAA	109	(39 - 135)
	104	(39 - 135)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

p Relative percent difference (RPD) is outside stated control limits.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D7F120221 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: D7F140000-566 **Prep Batch #...:** 7165566						
Aluminum	ND	10	mg/kg	SW846 6010B	06/21-06/23/07	J03J01AC
		Dilution Factor: 1				
		Analysis Time..: 14:25				
Antimony	ND	1.5	mg/kg	SW846 6010B	06/21-06/23/07	J03J01AV
		Dilution Factor: 1				
		Analysis Time..: 08:00				
Arsenic	ND	2.0	mg/kg	SW846 6010B	06/21-06/23/07	J03J01AD
		Dilution Factor: 1				
		Analysis Time..: 08:00				
Barium	ND	1.0	mg/kg	SW846 6010B	06/21-06/23/07	J03J01AE
		Dilution Factor: 1				
		Analysis Time..: 08:00				
Beryllium	ND	0.50	mg/kg	SW846 6010B	06/21-06/23/07	J03J01AF
		Dilution Factor: 1				
		Analysis Time..: 08:00				
Cadmium	ND	0.50	mg/kg	SW846 6010B	06/21-06/23/07	J03J01AH
		Dilution Factor: 1				
		Analysis Time..: 08:00				
Calcium	ND	50	mg/kg	SW846 6010B	06/21-06/23/07	J03J01AG
		Dilution Factor: 1				
		Analysis Time..: 08:00				
Chromium	ND	1.5	mg/kg	SW846 6010B	06/21-06/23/07	J03J01AK
		Dilution Factor: 1				
		Analysis Time..: 08:00				
Cobalt	ND	1.0	mg/kg	SW846 6010B	06/21-06/23/07	J03J01AJ
		Dilution Factor: 1				
		Analysis Time..: 08:00				
Copper	ND	2.0	mg/kg	SW846 6010B	06/21-06/23/07	J03J01AL
		Dilution Factor: 1				
		Analysis Time..: 08:00				
Iron	ND	15	mg/kg	SW846 6010B	06/21-06/23/07	J03J01AM
		Dilution Factor: 1				
		Analysis Time..: 08:00				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D7F120221 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Lead	ND	0.80	mg/kg	SW846 6010B	06/21-06/23/07	J03J01AU
		Dilution Factor: 1				
		Analysis Time..: 08:00				
Magnesium	ND	20	mg/kg	SW846 6010B	06/21-06/23/07	J03J01AP
		Dilution Factor: 1				
		Analysis Time..: 08:00				
Manganese	**0.10 B**	**1.0**	**mg/kg**	**SW846 6010B**	**06/21-06/23/07**	**J03J01AQ**
		Dilution Factor: 1				
		Analysis Time..: 08:00				
Nickel	ND	4.0	mg/kg	SW846 6010B	06/21-06/23/07	J03J01AT
		Dilution Factor: 1				
		Analysis Time..: 08:00				
Potassium	ND	300	mg/kg	SW846 6010B	06/21-06/23/07	J03J01AN
		Dilution Factor: 1				
		Analysis Time..: 08:00				
Selenium	ND	1.3	mg/kg	SW846 6010B	06/21-06/23/07	J03J01AW
		Dilution Factor: 1				
		Analysis Time..: 08:00				
Silver	ND	1.0	mg/kg	SW846 6010B	06/21-06/23/07	J03J01AA
		Dilution Factor: 1				
		Analysis Time..: 08:00				
Sodium	ND	500	mg/kg	SW846 6010B	06/21-06/23/07	J03J01AR
		Dilution Factor: 1				
		Analysis Time..: 14:25				
Thallium	ND	1.2	mg/kg	SW846 6010B	06/21-06/23/07	J03J01AX
		Dilution Factor: 1				
		Analysis Time..: 08:00				
Vanadium	ND	2.0	mg/kg	SW846 6010B	06/21-06/23/07	J03J01A0
		Dilution Factor: 1				
		Analysis Time..: 08:00				
Zinc	ND	3.0	mg/kg	SW846 6010B	06/21-06/25/07	J03J01A1
		Dilution Factor: 1				
		Analysis Time..: 08:54				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D7F120221 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: D7F150000-242 **Prep Batch #...:** 7166242						
Mercury	ND	33	ug/kg	SW846 7471A	06/19-06/20/07	J04PC1AA
		Dilution Factor: 1				
		Analysis Time..: 00:15				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D7F120221 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: D7F140000-634 **Prep Batch #...:** 7165634						
Silver	ND	10	ug/L	SW846 6010B	06/18-06/22/07	J03PG1AA
		Dilution Factor: 1				
		Analysis Time..: 12:06				
Aluminum	ND	100	ug/L	SW846 6010B	06/18-06/22/07	J03PG1AC
		Dilution Factor: 1				
		Analysis Time..: 12:06				
Arsenic	ND	15	ug/L	SW846 6010B	06/18-06/22/07	J03PG1AD
		Dilution Factor: 1				
		Analysis Time..: 12:06				
Barium	ND	10	ug/L	SW846 6010B	06/18-06/22/07	J03PG1AE
		Dilution Factor: 1				
		Analysis Time..: 12:06				
Beryllium	ND	5.0	ug/L	SW846 6010B	06/18-06/22/07	J03PG1AF
		Dilution Factor: 1				
		Analysis Time..: 12:06				
Calcium	**40 B**	**200**	**ug/L**	**SW846 6010B**	**06/18-06/22/07**	**J03PG1AG**
		Dilution Factor: 1				
		Analysis Time..: 12:06				
Cadmium	ND	5.0	ug/L	SW846 6010B	06/18-06/22/07	J03PG1AH
		Dilution Factor: 1				
		Analysis Time..: 12:06				
Cobalt	ND	10	ug/L	SW846 6010B	06/18-06/22/07	J03PG1AJ
		Dilution Factor: 1				
		Analysis Time..: 12:06				
Chromium	ND	10	ug/L	SW846 6010B	06/18-06/22/07	J03PG1AK
		Dilution Factor: 1				
		Analysis Time..: 12:06				
Copper	ND	15	ug/L	SW846 6010B	06/18-06/22/07	J03PG1AL
		Dilution Factor: 1				
		Analysis Time..: 12:06				
Iron	**73 B**	**100**	**ug/L**	**SW846 6010B**	**06/18-06/22/07**	**J03PG1AM**
		Dilution Factor: 1				
		Analysis Time..: 12:06				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D7F120221 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	ND	3000	ug/L	SW846 6010B	06/18-06/22/07	J03PG1AN
		Dilution Factor: 1				
		Analysis Time..: 12:06				
Magnesium	ND	200	ug/L	SW846 6010B	06/18-06/22/07	J03PG1AP
		Dilution Factor: 1				
		Analysis Time..: 12:06				
Manganese	ND	10	ug/L	SW846 6010B	06/18-06/22/07	J03PG1AQ
		Dilution Factor: 1				
		Analysis Time..: 12:06				
Sodium	ND	1000	ug/L	SW846 6010B	06/18-06/22/07	J03PG1AR
		Dilution Factor: 1				
		Analysis Time..: 12:06				
Nickel	ND	40	ug/L	SW846 6010B	06/18-06/22/07	J03PG1AT
		Dilution Factor: 1				
		Analysis Time..: 12:06				
Lead	ND	9.0	ug/L	SW846 6010B	06/18-06/23/07	J03PG1AU
		Dilution Factor: 1				
		Analysis Time..: 15:05				
Antimony	ND	10	ug/L	SW846 6010B	06/18-06/22/07	J03PG1AV
		Dilution Factor: 1				
		Analysis Time..: 12:06				
Selenium	ND	15	ug/L	SW846 6010B	06/18-06/22/07	J03PG1AW
		Dilution Factor: 1				
		Analysis Time..: 12:06				
Thallium	ND	15	ug/L	SW846 6010B	06/18-06/22/07	J03PG1AX
		Dilution Factor: 1				
		Analysis Time..: 12:06				
Vanadium	ND	10	ug/L	SW846 6010B	06/18-06/22/07	J03PG1A0
		Dilution Factor: 1				
		Analysis Time..: 12:06				
Zinc	ND	20	ug/L	SW846 6010B	06/18-06/23/07	J03PG1A1
		Dilution Factor: 1				
		Analysis Time..: 15:05				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D7F120221 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: D7F150000-218 **Prep Batch #...:** 7166218						
Mercury	ND	0.20	ug/L	SW846 7470A	06/18-06/19/07	J04MT1AA
		Dilution Factor: 1				
		Analysis Time..: 10:06				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7F120221 **Matrix.....:** SOLID

LCS Lot-Sample#: D7F140000-566 **Prep Batch #...:** 7165566

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	109	(87 - 114)	SW846 6010B	06/21-06/23/07	J03J01A2
		Dilution Factor: 1	Analysis Time..: 08:05		
Aluminum	96	(82 - 116)	SW846 6010B	06/21-06/23/07	J03J01A3
		Dilution Factor: 1	Analysis Time..: 14:31		
Arsenic	97	(85 - 110)	SW846 6010B	06/21-06/23/07	J03J01A4
		Dilution Factor: 1	Analysis Time..: 08:05		
Barium	103	(87 - 112)	SW846 6010B	06/21-06/23/07	J03J01A5
		Dilution Factor: 1	Analysis Time..: 08:05		
Beryllium	97	(84 - 114)	SW846 6010B	06/21-06/23/07	J03J01A6
		Dilution Factor: 1	Analysis Time..: 08:05		
Calcium	103	(82 - 114)	SW846 6010B	06/21-06/23/07	J03J01A7
		Dilution Factor: 1	Analysis Time..: 08:05		
Cadmium	106	(87 - 110)	SW846 6010B	06/21-06/23/07	J03J01A8
		Dilution Factor: 1	Analysis Time..: 08:05		
Cobalt	99	(87 - 110)	SW846 6010B	06/21-06/23/07	J03J01A9
		Dilution Factor: 1	Analysis Time..: 08:05		
Chromium	102	(84 - 114)	SW846 6010B	06/21-06/23/07	J03J01CA
		Dilution Factor: 1	Analysis Time..: 08:05		
Copper	103	(88 - 110)	SW846 6010B	06/21-06/23/07	J03J01CC
		Dilution Factor: 1	Analysis Time..: 08:05		
Iron	97	(87 - 120)	SW846 6010B	06/21-06/23/07	J03J01CD
		Dilution Factor: 1	Analysis Time..: 08:05		
Potassium	108	(89 - 110)	SW846 6010B	06/21-06/23/07	J03J01CE
		Dilution Factor: 1	Analysis Time..: 08:05		
Magnesium	95	(90 - 110)	SW846 6010B	06/21-06/23/07	J03J01CF
		Dilution Factor: 1	Analysis Time..: 08:05		
Manganese	101	(88 - 110)	SW846 6010B	06/21-06/23/07	J03J01CG
		Dilution Factor: 1	Analysis Time..: 08:05		

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7F120221 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	105	(90 - 112)	SW846 6010B	06/21-06/23/07	J03J01CH
		Dilution Factor: 1	Analysis Time..: 08:05		
Nickel	99	(87 - 110)	SW846 6010B	06/21-06/23/07	J03J01CJ
		Dilution Factor: 1	Analysis Time..: 08:05		
Lead	101	(86 - 110)	SW846 6010B	06/21-06/23/07	J03J01CK
		Dilution Factor: 1	Analysis Time..: 08:05		
Antimony	101	(82 - 110)	SW846 6010B	06/21-06/23/07	J03J01CL
		Dilution Factor: 1	Analysis Time..: 08:05		
Selenium	100	(83 - 110)	SW846 6010B	06/21-06/23/07	J03J01CM
		Dilution Factor: 1	Analysis Time..: 08:05		
Thallium	97	(84 - 110)	SW846 6010B	06/21-06/23/07	J03J01CN
		Dilution Factor: 1	Analysis Time..: 08:05		
Vanadium	101	(88 - 110)	SW846 6010B	06/21-06/23/07	J03J01CP
		Dilution Factor: 1	Analysis Time..: 08:05		
Zinc	97	(76 - 114)	SW846 6010B	06/21-06/25/07	J03J01CQ
		Dilution Factor: 1	Analysis Time..: 08:59		

LCS Lot-Sample#: D7F150000-242 **Prep Batch #...:** 7166242

Mercury	93	(87 - 111)	SW846 7471A	06/19-06/20/07	J04PC1AC
		Dilution Factor: 1	Analysis Time..: 00:18		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7F120221 **Matrix.....:** SOLID

LCS Lot-Sample#: D7F140000-566 **Prep Batch #...:** 7165566

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	5.00	5.46	mg/kg	109	SW846 6010B	06/21-06/23/07	J03J01A2
			Dilution Factor: 1		Analysis Time..: 08:05		
Aluminum	200	192	mg/kg	96	SW846 6010B	06/21-06/23/07	J03J01A3
			Dilution Factor: 1		Analysis Time..: 14:31		
Arsenic	100	96.6	mg/kg	97	SW846 6010B	06/21-06/23/07	J03J01A4
			Dilution Factor: 1		Analysis Time..: 08:05		
Barium	200	206	mg/kg	103	SW846 6010B	06/21-06/23/07	J03J01A5
			Dilution Factor: 1		Analysis Time..: 08:05		
Beryllium	5.00	4.87	mg/kg	97	SW846 6010B	06/21-06/23/07	J03J01A6
			Dilution Factor: 1		Analysis Time..: 08:05		
Calcium	5000	5140	mg/kg	103	SW846 6010B	06/21-06/23/07	J03J01A7
			Dilution Factor: 1		Analysis Time..: 08:05		
Cadmium	10.0	10.6	mg/kg	106	SW846 6010B	06/21-06/23/07	J03J01A8
			Dilution Factor: 1		Analysis Time..: 08:05		
Cobalt	50.0	49.6	mg/kg	99	SW846 6010B	06/21-06/23/07	J03J01A9
			Dilution Factor: 1		Analysis Time..: 08:05		
Chromium	20.0	20.4	mg/kg	102	SW846 6010B	06/21-06/23/07	J03J01CA
			Dilution Factor: 1		Analysis Time..: 08:05		
Copper	25.0	25.7	mg/kg	103	SW846 6010B	06/21-06/23/07	J03J01CC
			Dilution Factor: 1		Analysis Time..: 08:05		
Iron	100	96.7	mg/kg	97	SW846 6010B	06/21-06/23/07	J03J01CD
			Dilution Factor: 1		Analysis Time..: 08:05		
Potassium	5000	5400	mg/kg	108	SW846 6010B	06/21-06/23/07	J03J01CE
			Dilution Factor: 1		Analysis Time..: 08:05		
Magnesium	5000	4760	mg/kg	95	SW846 6010B	06/21-06/23/07	J03J01CF
			Dilution Factor: 1		Analysis Time..: 08:05		
Manganese	50.0	50.7	mg/kg	101	SW846 6010B	06/21-06/23/07	J03J01CG
			Dilution Factor: 1		Analysis Time..: 08:05		

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7F120221 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	5000	5260	mg/kg	105	SW846 6010B	06/21-06/23/07	J03J01CH
			Dilution Factor: 1		Analysis Time..: 08:05		
Nickel	50.0	49.5	mg/kg	99	SW846 6010B	06/21-06/23/07	J03J01CJ
			Dilution Factor: 1		Analysis Time..: 08:05		
Lead	50.0	50.3	mg/kg	101	SW846 6010B	06/21-06/23/07	J03J01CK
			Dilution Factor: 1		Analysis Time..: 08:05		
Antimony	50.0	50.5	mg/kg	101	SW846 6010B	06/21-06/23/07	J03J01CL
			Dilution Factor: 1		Analysis Time..: 08:05		
Selenium	200	200	mg/kg	100	SW846 6010B	06/21-06/23/07	J03J01CM
			Dilution Factor: 1		Analysis Time..: 08:05		
Thallium	200	194	mg/kg	97	SW846 6010B	06/21-06/23/07	J03J01CN
			Dilution Factor: 1		Analysis Time..: 08:05		
Vanadium	50.0	50.4	mg/kg	101	SW846 6010B	06/21-06/23/07	J03J01CP
			Dilution Factor: 1		Analysis Time..: 08:05		
Zinc	50.0	48.3	mg/kg	97	SW846 6010B	06/21-06/25/07	J03J01CQ
			Dilution Factor: 1		Analysis Time..: 08:59		

LCS Lot-Sample#: D7F150000-242 **Prep Batch #...:** 7166242

Mercury	833	772	ug/kg	93	SW846 7471A	06/19-06/20/07	J04PC1AC
			Dilution Factor: 1		Analysis Time..: 00:18		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7F120221 **Matrix.....:** WATER

LCS Lot-Sample#: D7F140000-634 **Prep Batch #...:** 7165634

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	105	(86 - 115)	SW846 6010B	06/18-06/22/07	J03PG1A2
		Dilution Factor: 1	Analysis Time..: 12:12		
Aluminum	96	(87 - 111)	SW846 6010B	06/18-06/22/07	J03PG1A3
		Dilution Factor: 1	Analysis Time..: 12:12		
Arsenic	97	(88 - 110)	SW846 6010B	06/18-06/22/07	J03PG1A4
		Dilution Factor: 1	Analysis Time..: 12:12		
Barium	100	(90 - 112)	SW846 6010B	06/18-06/22/07	J03PG1A5
		Dilution Factor: 1	Analysis Time..: 12:12		
Beryllium	98	(89 - 113)	SW846 6010B	06/18-06/22/07	J03PG1A6
		Dilution Factor: 1	Analysis Time..: 12:12		
Calcium	99	(90 - 111)	SW846 6010B	06/18-06/22/07	J03PG1A7
		Dilution Factor: 1	Analysis Time..: 12:12		
Cadmium	102	(88 - 111)	SW846 6010B	06/18-06/22/07	J03PG1A8
		Dilution Factor: 1	Analysis Time..: 12:12		
Cobalt	99	(89 - 111)	SW846 6010B	06/18-06/22/07	J03PG1A9
		Dilution Factor: 1	Analysis Time..: 12:12		
Chromium	99	(90 - 113)	SW846 6010B	06/18-06/22/07	J03PG1CA
		Dilution Factor: 1	Analysis Time..: 12:12		
Copper	101	(86 - 112)	SW846 6010B	06/18-06/22/07	J03PG1CC
		Dilution Factor: 1	Analysis Time..: 12:12		
Iron	95	(89 - 115)	SW846 6010B	06/18-06/22/07	J03PG1CD
		Dilution Factor: 1	Analysis Time..: 12:12		
Potassium	100	(89 - 114)	SW846 6010B	06/18-06/22/07	J03PG1CE
		Dilution Factor: 1	Analysis Time..: 12:12		
Magnesium	97	(90 - 113)	SW846 6010B	06/18-06/22/07	J03PG1CF
		Dilution Factor: 1	Analysis Time..: 12:12		
Manganese	96	(90 - 110)	SW846 6010B	06/18-06/22/07	J03PG1CG
		Dilution Factor: 1	Analysis Time..: 12:12		

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7F120221 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	97	(90 - 115)	SW846 6010B	06/18-06/22/07	J03PG1CH
		Dilution Factor: 1	Analysis Time..: 12:12		
Nickel	99	(89 - 111)	SW846 6010B	06/18-06/22/07	J03PG1CJ
		Dilution Factor: 1	Analysis Time..: 12:12		
Lead	101	(89 - 110)	SW846 6010B	06/18-06/23/07	J03PG1CK
		Dilution Factor: 1	Analysis Time..: 15:10		
Antimony	100	(88 - 110)	SW846 6010B	06/18-06/22/07	J03PG1CL
		Dilution Factor: 1	Analysis Time..: 12:12		
Selenium	98	(85 - 112)	SW846 6010B	06/18-06/22/07	J03PG1CM
		Dilution Factor: 1	Analysis Time..: 12:12		
Thallium	96	(88 - 110)	SW846 6010B	06/18-06/22/07	J03PG1CN
		Dilution Factor: 1	Analysis Time..: 12:12		
Vanadium	96	(90 - 111)	SW846 6010B	06/18-06/22/07	J03PG1CP
		Dilution Factor: 1	Analysis Time..: 12:12		
Zinc	99	(85 - 111)	SW846 6010B	06/18-06/23/07	J03PG1CQ
		Dilution Factor: 1	Analysis Time..: 15:10		

LCS Lot-Sample#: D7F150000-218 **Prep Batch #...:** 7166218

Mercury	95	(88 - 111)	SW846 7470A	06/18-06/19/07	J04MT1AC
		Dilution Factor: 1	Analysis Time..: 10:09		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7F120221 **Matrix.....:** WATER

LCS Lot-Sample#: D7F140000-634 **Prep Batch #...:** 7165634

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	50.0	52.5	ug/L	105	SW846 6010B	06/18-06/22/07	J03PG1A2
			Dilution Factor: 1		Analysis Time..: 12:12		
Aluminum	2000	1920	ug/L	96	SW846 6010B	06/18-06/22/07	J03PG1A3
			Dilution Factor: 1		Analysis Time..: 12:12		
Arsenic	1000	965	ug/L	97	SW846 6010B	06/18-06/22/07	J03PG1A4
			Dilution Factor: 1		Analysis Time..: 12:12		
Barium	2000	2000	ug/L	100	SW846 6010B	06/18-06/22/07	J03PG1A5
			Dilution Factor: 1		Analysis Time..: 12:12		
Beryllium	50.0	48.8	ug/L	98	SW846 6010B	06/18-06/22/07	J03PG1A6
			Dilution Factor: 1		Analysis Time..: 12:12		
Calcium	50000	49300	ug/L	99	SW846 6010B	06/18-06/22/07	J03PG1A7
			Dilution Factor: 1		Analysis Time..: 12:12		
Cadmium	100	102	ug/L	102	SW846 6010B	06/18-06/22/07	J03PG1A8
			Dilution Factor: 1		Analysis Time..: 12:12		
Cobalt	500	494	ug/L	99	SW846 6010B	06/18-06/22/07	J03PG1A9
			Dilution Factor: 1		Analysis Time..: 12:12		
Chromium	200	199	ug/L	99	SW846 6010B	06/18-06/22/07	J03PG1CA
			Dilution Factor: 1		Analysis Time..: 12:12		
Copper	250	252	ug/L	101	SW846 6010B	06/18-06/22/07	J03PG1CC
			Dilution Factor: 1		Analysis Time..: 12:12		
Iron	1000	945	ug/L	95	SW846 6010B	06/18-06/22/07	J03PG1CD
			Dilution Factor: 1		Analysis Time..: 12:12		
Potassium	50000	50000	ug/L	100	SW846 6010B	06/18-06/22/07	J03PG1CE
			Dilution Factor: 1		Analysis Time..: 12:12		
Magnesium	50000	48400	ug/L	97	SW846 6010B	06/18-06/22/07	J03PG1CF
			Dilution Factor: 1		Analysis Time..: 12:12		
Manganese	500	478	ug/L	96	SW846 6010B	06/18-06/22/07	J03PG1CG
			Dilution Factor: 1		Analysis Time..: 12:12		

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7F120221 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	50000	48600	ug/L	97	SW846 6010B	06/18-06/22/07	J03PG1CH
			Dilution Factor: 1		Analysis Time..: 12:12		
Nickel	500	493	ug/L	99	SW846 6010B	06/18-06/22/07	J03PG1CJ
			Dilution Factor: 1		Analysis Time..: 12:12		
Lead	500	504	ug/L	101	SW846 6010B	06/18-06/23/07	J03PG1CK
			Dilution Factor: 1		Analysis Time..: 15:10		
Antimony	500	501	ug/L	100	SW846 6010B	06/18-06/22/07	J03PG1CL
			Dilution Factor: 1		Analysis Time..: 12:12		
Selenium	2000	1960	ug/L	98	SW846 6010B	06/18-06/22/07	J03PG1CM
			Dilution Factor: 1		Analysis Time..: 12:12		
Thallium	2000	1930	ug/L	96	SW846 6010B	06/18-06/22/07	J03PG1CN
			Dilution Factor: 1		Analysis Time..: 12:12		
Vanadium	500	479	ug/L	96	SW846 6010B	06/18-06/22/07	J03PG1CP
			Dilution Factor: 1		Analysis Time..: 12:12		
Zinc	500	494	ug/L	99	SW846 6010B	06/18-06/23/07	J03PG1CQ
			Dilution Factor: 1		Analysis Time..: 15:10		

LCS Lot-Sample#: D7F150000-218 **Prep Batch #...:** 7166218

Mercury	5.00	4.75	ug/L	95	SW846 7470A	06/18-06/19/07	J04MT1AC
			Dilution Factor: 1		Analysis Time..: 10:09		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7F120221 **Matrix.....:** SO
Date Sampled...: 06/10/07 14:15 **Date Received..:** 06/12/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7F120221-020 **Prep Batch #...:** 7165566							
Aluminum	NC,MSB	(50 - 200)			SW846 6010B	06/21-06/23/07	J0R251CH
	NC,MSB	(50 - 200)		(0-40)	SW846 6010B	06/21-06/23/07	J0R251CJ
		Dilution Factor: 1					
		Analysis Time..: 09:12					
Antimony	72	(20 - 200)			SW846 6010B	06/21-06/23/07	J0R251DK
	59	(20 - 200)	20	(0-40)	SW846 6010B	06/21-06/23/07	J0R251DL
		Dilution Factor: 1					
		Analysis Time..: 09:12					
Arsenic	95	(76 - 111)			SW846 6010B	06/21-06/23/07	J0R251CK
	94	(76 - 111)	0.64	(0-30)	SW846 6010B	06/21-06/23/07	J0R251CL
		Dilution Factor: 1					
		Analysis Time..: 09:12					
Barium	103	(52 - 159)			SW846 6010B	06/21-06/23/07	J0R251CM
	107	(52 - 159)	2.6	(0-30)	SW846 6010B	06/21-06/23/07	J0R251CN
		Dilution Factor: 1					
		Analysis Time..: 09:12					
Beryllium	90	(72 - 105)			SW846 6010B	06/21-06/23/07	J0R251CP
	90	(72 - 105)	0.53	(0-30)	SW846 6010B	06/21-06/23/07	J0R251CQ
		Dilution Factor: 1					
		Analysis Time..: 09:12					
Cadmium	102	(40 - 130)			SW846 6010B	06/21-06/23/07	J0R251CU
	102	(40 - 130)	0.06	(0-30)	SW846 6010B	06/21-06/23/07	J0R251CV
		Dilution Factor: 1					
		Analysis Time..: 09:12					
Calcium	NC,MSB	(43 - 165)			SW846 6010B	06/21-06/23/07	J0R251CR
	NC,MSB	(43 - 165)		(0-30)	SW846 6010B	06/21-06/23/07	J0R251CT
		Dilution Factor: 1					
		Analysis Time..: 09:12					
Chromium	106	(70 - 200)			SW846 6010B	06/21-06/23/07	J0R251C0
	115	(70 - 200)	5.9	(0-40)	SW846 6010B	06/21-06/23/07	J0R251C1
		Dilution Factor: 1					
		Analysis Time..: 09:12					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7F120221 **Matrix.....:** SO
Date Sampled...: 06/10/07 14:15 **Date Received..:** 06/12/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt	90	(72 - 106)			SW846 6010B	06/21-06/23/07	J0R251CW
	91	(72 - 106)	0.74	(0-30)	SW846 6010B	06/21-06/23/07	J0R251CX
		Dilution Factor: 1					
		Analysis Time..: 09:12					
Copper	98	(37 - 187)			SW846 6010B	06/21-06/23/07	J0R251C2
	101	(37 - 187)	3.0	(0-30)	SW846 6010B	06/21-06/23/07	J0R251C3
		Dilution Factor: 1					
		Analysis Time..: 09:12					
Iron	NC,MSB	(70 - 200)			SW846 6010B	06/21-06/23/07	J0R251C4
	NC,MSB	(70 - 200)		(0-40)	SW846 6010B	06/21-06/23/07	J0R251C5
		Dilution Factor: 1					
		Analysis Time..: 09:12					
Lead	91	(70 - 200)			SW846 6010B	06/21-06/23/07	J0R251DH
	91	(70 - 200)	0.43	(0-40)	SW846 6010B	06/21-06/23/07	J0R251DJ
		Dilution Factor: 1					
		Analysis Time..: 09:12					
Magnesium	92	(64 - 145)			SW846 6010B	06/21-06/23/07	J0R251C8
	100	(64 - 145)	5.5	(0-30)	SW846 6010B	06/21-06/23/07	J0R251C9
		Dilution Factor: 1					
		Analysis Time..: 09:12					
Manganese	86	(40 - 200)			SW846 6010B	06/21-06/23/07	J0R251DA
	151	(40 - 200)	20	(0-40)	SW846 6010B	06/21-06/23/07	J0R251DC
		Dilution Factor: 1					
		Analysis Time..: 09:12					
Nickel	89	(61 - 126)			SW846 6010B	06/21-06/23/07	J0R251DF
	92	(61 - 126)	2.2	(0-30)	SW846 6010B	06/21-06/23/07	J0R251DG
		Dilution Factor: 1					
		Analysis Time..: 09:12					
Potassium	131	(56 - 172)			SW846 6010B	06/21-06/23/07	J0R251C6
	141	(56 - 172)	5.8	(0-40)	SW846 6010B	06/21-06/23/07	J0R251C7
		Dilution Factor: 1					
		Analysis Time..: 09:12					
Selenium	98	(76 - 104)			SW846 6010B	06/21-06/23/07	J0R251DM
	98	(76 - 104)	0.25	(0-30)	SW846 6010B	06/21-06/23/07	J0R251DN
		Dilution Factor: 1					
		Analysis Time..: 09:12					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7F120221 **Matrix.....:** SO
Date Sampled...: 06/10/07 14:15 **Date Received..:** 06/12/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	102	(75 - 141)			SW846 6010B	06/21-06/23/07	J0R251CF
	104	(75 - 141)	1.6	(0-30)	SW846 6010B	06/21-06/23/07	J0R251CG
		Dilution Factor: 1					
		Analysis Time..: 09:12					
Sodium	104	(78 - 111)			SW846 6010B	06/21-06/23/07	J0R251DD
	108	(78 - 111)	2.6	(0-30)	SW846 6010B	06/21-06/23/07	J0R251DE
		Dilution Factor: 1					
		Analysis Time..: 09:12					
Thallium	83	(78 - 101)			SW846 6010B	06/21-06/23/07	J0R251DP
	82	(78 - 101)	1.4	(0-30)	SW846 6010B	06/21-06/23/07	J0R251DQ
		Dilution Factor: 1					
		Analysis Time..: 09:12					
Vanadium	98	(50 - 169)			SW846 6010B	06/21-06/23/07	J0R251DR
	105	(50 - 169)	5.3	(0-30)	SW846 6010B	06/21-06/23/07	J0R251DT
		Dilution Factor: 1					
		Analysis Time..: 09:12					
Zinc	97	(70 - 200)			SW846 6010B	06/21-06/25/07	J0R251DU
	101	(70 - 200)	2.9	(0-40)	SW846 6010B	06/21-06/25/07	J0R251DV
		Dilution Factor: 1					
		Analysis Time..: 10:09					

MS Lot-Sample #: D7F120221-020 **Prep Batch #...:** 7166242

Mercury	84 N	(87 - 111)			SW846 7471A	06/19-06/20/07	J0R251CA
	86 N	(87 - 111)	2.1	(0-20)	SW846 7471A	06/19-06/20/07	J0R251CC
		Dilution Factor: 1					
		Analysis Time..: 00:41					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7F120221 **Matrix.....:** SO
Date Sampled...: 06/10/07 14:15 **Date Received..:** 06/12/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7F120221-020 **Prep Batch #...:** 7165566									
Aluminum									
	6700	229	10700	mg/kg			SW846 6010B	06/21-06/23/07	J0R251CH
			Qualifiers: NC,MSB						
	6700	229	13000	mg/kg			SW846 6010B	06/21-06/23/07	J0R251CJ
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 09:12						
Antimony									
	ND	57.4	41.1	mg/kg	72		SW846 6010B	06/21-06/23/07	J0R251DK
	ND	57.4	33.7	mg/kg	59	20	SW846 6010B	06/21-06/23/07	J0R251DL
			Dilution Factor: 1						
			Analysis Time..: 09:12						
Arsenic									
	2.2	115	111	mg/kg	95		SW846 6010B	06/21-06/23/07	J0R251CK
	2.2	115	110	mg/kg	94	0.64	SW846 6010B	06/21-06/23/07	J0R251CL
			Dilution Factor: 1						
			Analysis Time..: 09:12						
Barium									
	50	229	288	mg/kg	103		SW846 6010B	06/21-06/23/07	J0R251CM
	50	229	295	mg/kg	107	2.6	SW846 6010B	06/21-06/23/07	J0R251CN
			Dilution Factor: 1						
			Analysis Time..: 09:12						
Beryllium									
	0.37	5.74	5.55	mg/kg	90		SW846 6010B	06/21-06/23/07	J0R251CP
	0.37	5.74	5.52	mg/kg	90	0.53	SW846 6010B	06/21-06/23/07	J0R251CQ
			Dilution Factor: 1						
			Analysis Time..: 09:12						
Cadmium									
	ND	11.5	11.8	mg/kg	102		SW846 6010B	06/21-06/23/07	J0R251CU
	ND	11.5	11.8	mg/kg	102	0.06	SW846 6010B	06/21-06/23/07	J0R251CV
			Dilution Factor: 1						
			Analysis Time..: 09:12						
Calcium									
	73000	5740	88000	mg/kg			SW846 6010B	06/21-06/23/07	J0R251CR
			Qualifiers: NC,MSB						
	73000	5740	97000	mg/kg			SW846 6010B	06/21-06/23/07	J0R251CT
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 09:12						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7F120221 **Matrix.....:** SO
Date Sampled...: 06/10/07 14:15 **Date Received..:** 06/12/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium									
	8.5	22.9	32.8	mg/kg	106		SW846 6010B	06/21-06/23/07	J0R251C0
	8.5	22.9	34.8	mg/kg	115	5.9	SW846 6010B	06/21-06/23/07	J0R251C1
			Dilution Factor: 1						
			Analysis Time..: 09:12						
Cobalt									
	2.5	57.4	54.2	mg/kg	90		SW846 6010B	06/21-06/23/07	J0R251CW
	2.5	57.4	54.6	mg/kg	91	0.74	SW846 6010B	06/21-06/23/07	J0R251CX
			Dilution Factor: 1						
			Analysis Time..: 09:12						
Copper									
	4.2	28.7	32.3	mg/kg	98		SW846 6010B	06/21-06/23/07	J0R251C2
	4.2	28.7	33.3	mg/kg	101	3.0	SW846 6010B	06/21-06/23/07	J0R251C3
			Dilution Factor: 1						
			Analysis Time..: 09:12						
Iron									
	7500	115	7900	mg/kg			SW846 6010B	06/21-06/23/07	J0R251C4
			Qualifiers: NC,MSB						
	7500	115	9340	mg/kg			SW846 6010B	06/21-06/23/07	J0R251C5
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 09:12						
Lead									
	3.7	57.4	55.8	mg/kg	91		SW846 6010B	06/21-06/23/07	J0R251DH
	3.7	57.4	56.1	mg/kg	91	0.43	SW846 6010B	06/21-06/23/07	J0R251DJ
			Dilution Factor: 1						
			Analysis Time..: 09:12						
Magnesium									
	2800	5740	8040	mg/kg	92		SW846 6010B	06/21-06/23/07	J0R251C8
	2800	5740	8500	mg/kg	100	5.5	SW846 6010B	06/21-06/23/07	J0R251C9
			Dilution Factor: 1						
			Analysis Time..: 09:12						
Manganese									
	120	57.4	167	mg/kg	86		SW846 6010B	06/21-06/23/07	J0R251DA
	120	57.4	204	mg/kg	151	20	SW846 6010B	06/21-06/23/07	J0R251DC
			Dilution Factor: 1						
			Analysis Time..: 09:12						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7F120221
Date Sampled...: 06/10/07 14:15 **Date Received..:** 06/12/07
Matrix.....: SO

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Nickel									
	6.3	57.4	57.6	mg/kg	89		SW846 6010B	06/21-06/23/07	J0R251DF
	6.3	57.4	58.9	mg/kg	92	2.2	SW846 6010B	06/21-06/23/07	J0R251DG
			Dilution Factor: 1						
			Analysis Time..: 09:12						
Potassium									
	1500	5740	9060	mg/kg	131		SW846 6010B	06/21-06/23/07	J0R251C6
	1500	5740	9600	mg/kg	141	5.8	SW846 6010B	06/21-06/23/07	J0R251C7
			Dilution Factor: 1						
			Analysis Time..: 09:12						
Selenium									
	ND	229	225	mg/kg	98		SW846 6010B	06/21-06/23/07	J0R251DM
	ND	229	224	mg/kg	98	0.25	SW846 6010B	06/21-06/23/07	J0R251DN
			Dilution Factor: 1						
			Analysis Time..: 09:12						
Silver									
	ND	5.74	5.87	mg/kg	102		SW846 6010B	06/21-06/23/07	J0R251CF
	ND	5.74	5.97	mg/kg	104	1.6	SW846 6010B	06/21-06/23/07	J0R251CG
			Dilution Factor: 1						
			Analysis Time..: 09:12						
Sodium									
	1500	5740	7460	mg/kg	104		SW846 6010B	06/21-06/23/07	J0R251DD
	1500	5740	7650	mg/kg	108	2.6	SW846 6010B	06/21-06/23/07	J0R251DE
			Dilution Factor: 1						
			Analysis Time..: 09:12						
Thallium									
	ND	229	190	mg/kg	83		SW846 6010B	06/21-06/23/07	J0R251DP
	ND	229	187	mg/kg	82	1.4	SW846 6010B	06/21-06/23/07	J0R251DQ
			Dilution Factor: 1						
			Analysis Time..: 09:12						
Vanadium									
	16	57.4	71.9	mg/kg	98		SW846 6010B	06/21-06/23/07	J0R251DR
	16	57.4	75.8	mg/kg	105	5.3	SW846 6010B	06/21-06/23/07	J0R251DT
			Dilution Factor: 1						
			Analysis Time..: 09:12						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7F120221 **Matrix.....:** SO
Date Sampled...: 06/10/07 14:15 **Date Received..:** 06/12/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc									
	18	57.4	74.0	mg/kg	97		SW846 6010B	06/21-06/25/07	J0R251DU
	18	57.4	76.2	mg/kg	101	2.9	SW846 6010B	06/21-06/25/07	J0R251DV

Dilution Factor: 1
Analysis Time..: 10:09

MS Lot-Sample #: D7F120221-020 **Prep Batch #...:** 7166242

Mercury									
	ND	966	816 N	ug/kg	84		SW846 7471A	06/19-06/20/07	J0R251CA
	ND	966	833 N	ug/kg	86	2.1	SW846 7471A	06/19-06/20/07	J0R251CC

Dilution Factor: 1
Analysis Time..: 00:41

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7F120221 **Matrix.....:** WATER
Date Sampled...: 06/08/07 08:57 **Date Received..:** 06/09/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7F090156-001 **Prep Batch #...:** 7165634							
Silver	118	(75 - 141)			SW846 6010B	06/18-06/22/07	J0NPT1CK
	121	(75 - 141)	2.8	(0-25)	SW846 6010B	06/18-06/22/07	J0NPT1CL
		Dilution Factor: 1					
		Analysis Time..: 12:29					
Aluminum	83	(83 - 119)			SW846 6010B	06/18-06/22/07	J0NPT1CM
	84	(83 - 119)	1.5	(0-25)	SW846 6010B	06/18-06/22/07	J0NPT1CN
		Dilution Factor: 1					
		Analysis Time..: 12:29					
Arsenic	103	(84 - 124)			SW846 6010B	06/18-06/22/07	J0NPT1CP
	105	(84 - 124)	2.2	(0-25)	SW846 6010B	06/18-06/22/07	J0NPT1CQ
		Dilution Factor: 1					
		Analysis Time..: 12:29					
Barium	97	(85 - 120)			SW846 6010B	06/18-06/22/07	J0NPT1CR
	100	(85 - 120)	2.9	(0-25)	SW846 6010B	06/18-06/22/07	J0NPT1CT
		Dilution Factor: 1					
		Analysis Time..: 12:29					
Beryllium	91	(79 - 121)			SW846 6010B	06/18-06/22/07	J0NPT1CU
	94	(79 - 121)	2.4	(0-25)	SW846 6010B	06/18-06/22/07	J0NPT1CV
		Dilution Factor: 1					
		Analysis Time..: 12:29					
Calcium	NC,MSB	(48 - 153)			SW846 6010B	06/18-06/22/07	J0NPT1CW
	NC,MSB	(48 - 153)		(0-25)	SW846 6010B	06/18-06/22/07	J0NPT1CX
		Dilution Factor: 1					
		Analysis Time..: 12:29					
Cadmium	108	(82 - 119)			SW846 6010B	06/18-06/22/07	J0NPT1C0
	110	(82 - 119)	1.9	(0-25)	SW846 6010B	06/18-06/22/07	J0NPT1C1
		Dilution Factor: 1					
		Analysis Time..: 12:29					
Cobalt	85	(82 - 119)			SW846 6010B	06/18-06/22/07	J0NPT1C2
	87	(82 - 119)	1.6	(0-25)	SW846 6010B	06/18-06/22/07	J0NPT1C3
		Dilution Factor: 1					
		Analysis Time..: 12:29					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7F120221 **Matrix.....:** WATER
Date Sampled...: 06/08/07 08:57 **Date Received..:** 06/09/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	91	(73 - 135)			SW846 6010B	06/18-06/22/07	J0NPT1C4
	92	(73 - 135)	1.7	(0-25)	SW846 6010B	06/18-06/22/07	J0NPT1C5
		Dilution Factor: 1					
		Analysis Time..: 12:29					
Copper	102	(82 - 129)			SW846 6010B	06/18-06/22/07	J0NPT1C6
	104	(82 - 129)	1.7	(0-25)	SW846 6010B	06/18-06/22/07	J0NPT1C7
		Dilution Factor: 1					
		Analysis Time..: 12:29					
Iron	96	(52 - 155)			SW846 6010B	06/18-06/22/07	J0NPT1C8
	90	(52 - 155)	5.2	(0-25)	SW846 6010B	06/18-06/22/07	J0NPT1C9
		Dilution Factor: 1					
		Analysis Time..: 12:29					
Potassium	109	(76 - 132)			SW846 6010B	06/18-06/22/07	J0NPT1DA
	113	(76 - 132)	2.9	(0-25)	SW846 6010B	06/18-06/22/07	J0NPT1DC
		Dilution Factor: 1					
		Analysis Time..: 12:29					
Magnesium	63	(62 - 146)			SW846 6010B	06/18-06/22/07	J0NPT1DD
	150 N	(62 - 146)	4.4	(0-25)	SW846 6010B	06/18-06/22/07	J0NPT1DE
		Dilution Factor: 1					
		Analysis Time..: 12:29					
Manganese	85	(79 - 121)			SW846 6010B	06/18-06/22/07	J0NPT1DF
	87	(79 - 121)	2.0	(0-25)	SW846 6010B	06/18-06/22/07	J0NPT1DG
		Dilution Factor: 1					
		Analysis Time..: 12:29					
Sodium	NC,MSB	(70 - 203)			SW846 6010B	06/18-06/22/07	J0NPT1DH
	NC,MSB	(70 - 203)		(0-40)	SW846 6010B	06/18-06/22/07	J0NPT1DJ
		Dilution Factor: 1					
		Analysis Time..: 12:29					
Nickel	83 N	(84 - 120)			SW846 6010B	06/18-06/22/07	J0NPT1DK
	84	(84 - 120)	1.7	(0-25)	SW846 6010B	06/18-06/22/07	J0NPT1DL
		Dilution Factor: 1					
		Analysis Time..: 12:29					
Lead	96	(89 - 121)			SW846 6010B	06/18-06/23/07	J0NPT1DM
	97	(89 - 121)	1.4	(0-25)	SW846 6010B	06/18-06/23/07	J0NPT1DN
		Dilution Factor: 1					
		Analysis Time..: 15:26					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7F120221 **Matrix.....:** WATER
Date Sampled...: 06/08/07 08:57 **Date Received..:** 06/09/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	102	(81 - 124)			SW846 6010B	06/18-06/22/07	J0NPT1DP
	104	(81 - 124)	2.2	(0-25)	SW846 6010B	06/18-06/22/07	J0NPT1DQ
		Dilution Factor: 1					
		Analysis Time..: 12:29					
Selenium	111	(71 - 140)			SW846 6010B	06/18-06/22/07	J0NPT1DR
	113	(71 - 140)	1.7	(0-25)	SW846 6010B	06/18-06/22/07	J0NPT1DT
		Dilution Factor: 1					
		Analysis Time..: 12:29					
Thallium	70 N	(90 - 116)			SW846 6010B	06/18-06/22/07	J0NPT1A6
	72 N	(90 - 116)	2.2	(0-25)	SW846 6010B	06/18-06/22/07	J0NPT1A7
		Dilution Factor: 1					
		Analysis Time..: 12:29					
Vanadium	90	(85 - 120)			SW846 6010B	06/18-06/22/07	J0NPT1A8
	93	(85 - 120)	2.6	(0-25)	SW846 6010B	06/18-06/22/07	J0NPT1A9
		Dilution Factor: 1					
		Analysis Time..: 12:29					
Zinc	90	(60 - 137)			SW846 6010B	06/18-06/23/07	J0NPT1CA
	92	(60 - 137)	2.2	(0-25)	SW846 6010B	06/18-06/23/07	J0NPT1CC
		Dilution Factor: 1					
		Analysis Time..: 15:26					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7F120221
Date Sampled...: 06/08/07 08:57 **Date Received..:** 06/09/07
Matrix.....: WATER

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7F090156-001 **Prep Batch #...:** 7165634									
Silver									
	ND	50.0	58.9	ug/L	118		SW846 6010B	06/18-06/22/07	J0NPT1CK
	ND	50.0	60.6	ug/L	121	2.8	SW846 6010B	06/18-06/22/07	J0NPT1CL
			Dilution Factor: 1						
			Analysis Time..: 12:29						
Aluminum									
	ND	2000	1660	ug/L	83		SW846 6010B	06/18-06/22/07	J0NPT1CM
	ND	2000	1680	ug/L	84	1.5	SW846 6010B	06/18-06/22/07	J0NPT1CN
			Dilution Factor: 1						
			Analysis Time..: 12:29						
Arsenic									
	17	1000	1040	ug/L	103		SW846 6010B	06/18-06/22/07	J0NPT1CP
	17	1000	1070	ug/L	105	2.2	SW846 6010B	06/18-06/22/07	J0NPT1CQ
			Dilution Factor: 1						
			Analysis Time..: 12:29						
Barium									
	22	2000	1960	ug/L	97		SW846 6010B	06/18-06/22/07	J0NPT1CR
	22	2000	2020	ug/L	100	2.9	SW846 6010B	06/18-06/22/07	J0NPT1CT
			Dilution Factor: 1						
			Analysis Time..: 12:29						
Beryllium									
	ND	50.0	45.7	ug/L	91		SW846 6010B	06/18-06/22/07	J0NPT1CU
	ND	50.0	46.8	ug/L	94	2.4	SW846 6010B	06/18-06/22/07	J0NPT1CV
			Dilution Factor: 1						
			Analysis Time..: 12:29						
Calcium									
	610000	50000	645000	ug/L			SW846 6010B	06/18-06/22/07	J0NPT1CW
			Qualifiers: NC,MSB						
	610000	50000	668000	ug/L			SW846 6010B	06/18-06/22/07	J0NPT1CX
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 12:29						
Cadmium									
	0.80	100	108	ug/L	108		SW846 6010B	06/18-06/22/07	J0NPT1C0
	0.80	100	110	ug/L	110	1.9	SW846 6010B	06/18-06/22/07	J0NPT1C1
			Dilution Factor: 1						
			Analysis Time..: 12:29						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7F120221 **Matrix.....:** WATER
Date Sampled...: 06/08/07 08:57 **Date Received..:** 06/09/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt									
	1.3	500	428	ug/L	85		SW846 6010B	06/18-06/22/07	J0NPT1C2
	1.3	500	435	ug/L	87	1.6	SW846 6010B	06/18-06/22/07	J0NPT1C3
			Dilution Factor: 1						
			Analysis Time..: 12:29						
Chromium									
	ND	200	182	ug/L	91		SW846 6010B	06/18-06/22/07	J0NPT1C4
	ND	200	185	ug/L	92	1.7	SW846 6010B	06/18-06/22/07	J0NPT1C5
			Dilution Factor: 1						
			Analysis Time..: 12:29						
Copper									
	5.5	250	261	ug/L	102		SW846 6010B	06/18-06/22/07	J0NPT1C6
	5.5	250	265	ug/L	104	1.7	SW846 6010B	06/18-06/22/07	J0NPT1C7
			Dilution Factor: 1						
			Analysis Time..: 12:29						
Iron									
	93	1000	1050	ug/L	96		SW846 6010B	06/18-06/22/07	J0NPT1C8
	93	1000	998	ug/L	90	5.2	SW846 6010B	06/18-06/22/07	J0NPT1C9
			Dilution Factor: 1						
			Analysis Time..: 12:29						
Potassium									
	24000	50000	78100	ug/L	109		SW846 6010B	06/18-06/22/07	J0NPT1DA
	24000	50000	80400	ug/L	113	2.9	SW846 6010B	06/18-06/22/07	J0NPT1DC
			Dilution Factor: 1						
			Analysis Time..: 12:29						
Magnesium									
	920000	50000	950000	ug/L	63		SW846 6010B	06/18-06/22/07	J0NPT1DD
	920000	50000	993000	ug/L	150	4.4	SW846 6010B	06/18-06/22/07	J0NPT1DE
			Qualifiers: N						
			Dilution Factor: 1						
			Analysis Time..: 12:29						
Manganese									
	97	500	523	ug/L	85		SW846 6010B	06/18-06/22/07	J0NPT1DF
	97	500	534	ug/L	87	2.0	SW846 6010B	06/18-06/22/07	J0NPT1DG
			Dilution Factor: 1						
			Analysis Time..: 12:29						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7F120221 **Matrix.....:** WATER
Date Sampled...: 06/08/07 08:57 **Date Received..:** 06/09/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium									
	4100000	50000	4030000	ug/L			SW846 6010B	06/18-06/22/07	J0NPT1DH
			Qualifiers: NC,MSB						
	4100000	50000	4210000	ug/L			SW846 6010B	06/18-06/22/07	J0NPT1DJ
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 12:29						
Nickel									
	ND	500	419 N	ug/L	83		SW846 6010B	06/18-06/22/07	J0NPT1DK
	ND	500	426	ug/L	84	1.7	SW846 6010B	06/18-06/22/07	J0NPT1DL
			Dilution Factor: 1						
			Analysis Time..: 12:29						
Lead									
	ND	500	478	ug/L	96		SW846 6010B	06/18-06/23/07	J0NPT1DM
	ND	500	485	ug/L	97	1.4	SW846 6010B	06/18-06/23/07	J0NPT1DN
			Dilution Factor: 1						
			Analysis Time..: 15:26						
Antimony									
	ND	500	509	ug/L	102		SW846 6010B	06/18-06/22/07	J0NPT1DP
	ND	500	520	ug/L	104	2.2	SW846 6010B	06/18-06/22/07	J0NPT1DQ
			Dilution Factor: 1						
			Analysis Time..: 12:29						
Selenium									
	ND	2000	2230	ug/L	111		SW846 6010B	06/18-06/22/07	J0NPT1DR
	ND	2000	2260	ug/L	113	1.7	SW846 6010B	06/18-06/22/07	J0NPT1DT
			Dilution Factor: 1						
			Analysis Time..: 12:29						
Thallium									
	ND	2000	1400 N	ug/L	70		SW846 6010B	06/18-06/22/07	J0NPT1A6
	ND	2000	1440 N	ug/L	72	2.2	SW846 6010B	06/18-06/22/07	J0NPT1A7
			Dilution Factor: 1						
			Analysis Time..: 12:29						
Vanadium									
	68	500	519	ug/L	90		SW846 6010B	06/18-06/22/07	J0NPT1A8
	68	500	533	ug/L	93	2.6	SW846 6010B	06/18-06/22/07	J0NPT1A9
			Dilution Factor: 1						
			Analysis Time..: 12:29						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7F120221 **Matrix.....:** WATER
Date Sampled...: 06/08/07 08:57 **Date Received..:** 06/09/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc									
	25	500	475	ug/L	90		SW846 6010B	06/18-06/23/07	J0NPT1CA
	25	500	485	ug/L	92	2.2	SW846 6010B	06/18-06/23/07	J0NPT1CC

Dilution Factor: 1
Analysis Time..: 15:26

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7F120221 **Matrix.....:** WG
Date Sampled...: 06/10/07 10:23 **Date Received..:** 06/12/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7F120221-005 **Prep Batch #...:** 7165634							
Silver	132	(75 - 141)			SW846 6010B	06/18-06/22/07	J0R021A8
	129	(75 - 141)	1.8	(0-25)	SW846 6010B	06/18-06/22/07	J0R021A9
		Dilution Factor: 1					
		Analysis Time..: 13:27					
Arsenic	109	(84 - 124)			SW846 6010B	06/18-06/22/07	J0R021CA
	107	(84 - 124)	2.0	(0-25)	SW846 6010B	06/18-06/22/07	J0R021CC
		Dilution Factor: 1					
		Analysis Time..: 13:27					
Barium	100	(85 - 120)			SW846 6010B	06/18-06/22/07	J0R021A2
	99	(85 - 120)	1.2	(0-25)	SW846 6010B	06/18-06/22/07	J0R021A3
		Dilution Factor: 1					
		Analysis Time..: 13:27					
Cadmium	118	(82 - 119)			SW846 6010B	06/18-06/22/07	J0R021A4
	115	(82 - 119)	2.6	(0-25)	SW846 6010B	06/18-06/22/07	J0R021A5
		Dilution Factor: 1					
		Analysis Time..: 13:27					
Chromium	91	(73 - 135)			SW846 6010B	06/18-06/22/07	J0R021A6
	88	(73 - 135)	2.8	(0-25)	SW846 6010B	06/18-06/22/07	J0R021A7
		Dilution Factor: 1					
		Analysis Time..: 13:27					
Lead	104	(89 - 121)			SW846 6010B	06/18-06/23/07	J0R021CD
	100	(89 - 121)	3.9	(0-25)	SW846 6010B	06/18-06/23/07	J0R021CE
		Dilution Factor: 10					
		Analysis Time..: 16:03					
Selenium	112	(71 - 140)			SW846 6010B	06/18-06/22/07	J0R021A0
	110	(71 - 140)	2.2	(0-25)	SW846 6010B	06/18-06/22/07	J0R021A1
		Dilution Factor: 1					
		Analysis Time..: 13:27					
MS Lot-Sample #: D7F120221-005 **Prep Batch #...:** 7166218							
Mercury	62 N	(88 - 111)			SW846 7470A	06/18-06/19/07	J0R021CF
	62 N	(88 - 111)	0.58	(0-10)	SW846 7470A	06/18-06/19/07	J0R021CG
		Dilution Factor: 1					
		Analysis Time..: 10:18					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7F120221 **Matrix.....:** WG
Date Sampled...: 06/10/07 10:23 **Date Received..:** 06/12/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7F120221-005 **Prep Batch #...:** 7165634									
Silver									
	ND	50.0	65.8	ug/L	132		SW846 6010B	06/18-06/22/07	J0R021A8
	ND	50.0	64.6	ug/L	129	1.8	SW846 6010B	06/18-06/22/07	J0R021A9
			Dilution Factor: 1						
			Analysis Time..: 13:27						
Arsenic									
	ND	1000	1100	ug/L	109		SW846 6010B	06/18-06/22/07	J0R021CA
	ND	1000	1070	ug/L	107	2.0	SW846 6010B	06/18-06/22/07	J0R021CC
			Dilution Factor: 1						
			Analysis Time..: 13:27						
Barium									
	41	2000	2040	ug/L	100		SW846 6010B	06/18-06/22/07	J0R021A2
	41	2000	2010	ug/L	99	1.2	SW846 6010B	06/18-06/22/07	J0R021A3
			Dilution Factor: 1						
			Analysis Time..: 13:27						
Cadmium									
	1.5	100	119	ug/L	118		SW846 6010B	06/18-06/22/07	J0R021A4
	1.5	100	116	ug/L	115	2.6	SW846 6010B	06/18-06/22/07	J0R021A5
			Dilution Factor: 1						
			Analysis Time..: 13:27						
Chromium									
	ND	200	183	ug/L	91		SW846 6010B	06/18-06/22/07	J0R021A6
	ND	200	177	ug/L	88	2.8	SW846 6010B	06/18-06/22/07	J0R021A7
			Dilution Factor: 1						
			Analysis Time..: 13:27						
Lead									
	ND	500	520	ug/L	104		SW846 6010B	06/18-06/23/07	J0R021CD
	ND	500	500	ug/L	100	3.9	SW846 6010B	06/18-06/23/07	J0R021CE
			Dilution Factor: 10						
			Analysis Time..: 16:03						
Selenium									
	ND	2000	2250	ug/L	112		SW846 6010B	06/18-06/22/07	J0R021A0
	ND	2000	2200	ug/L	110	2.2	SW846 6010B	06/18-06/22/07	J0R021A1
			Dilution Factor: 1						
			Analysis Time..: 13:27						

MS Lot-Sample #: D7F120221-005 **Prep Batch #...:** 7166218

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7F120221 **Matrix.....:** WG
Date Sampled...: 06/10/07 10:23 **Date Received..:** 06/12/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Mercury									
	ND	5.00	3.09 N	ug/L	62		SW846 7470A	06/18-06/19/07	J0R021CF
	ND	5.00	3.11 N	ug/L	62	0.58	SW846 7470A	06/18-06/19/07	J0R021CG

Dilution Factor: 1
Analysis Time..: 10:18

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

METHOD BLANK REPORT

General Chemistry

Client Lot #...: D7F120221 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids		Work Order #: J087G1AA		MB Lot-Sample #:	D7F140000-525	
	ND	10	mg/L	MCAWW 160.1	06/14/07	7165525
		Dilution Factor: 1				
		Analysis Time..: 15:50				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Lot-Sample #...: D7F120221 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids		WO#:J087G1AC-LCS/J087G1AD-LCSD				LCS Lot-Sample#: D7F140000-525	
	103	(86 - 106)			MCAWW 160.1	06/14/07	7165525
	104	(86 - 106)	1.4	(0-20)	MCAWW 160.1	06/14/07	7165525

Dilution Factor: 1 Analysis Time..: 15:50

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: D7F120221 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids		WO#:J087G1AC-LCS/J087G1AD-LCSD				LCS Lot-Sample#: D7F140000-525		
	500	513	mg/L	103		MCAWW 160.1	06/14/07	7165525
	500	520	mg/L	104	1.4	MCAWW 160.1	06/14/07	7165525

Dilution Factor: 1 Analysis Time..: 15:50

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D7F120221 **Work Order #...:** J0RVN-SMP J0RVN-DUP **Matrix.....:** WATER

Date Sampled...: 06/11/07 09:50 **Date Received..:** 06/12/07

% Moisture.....: 0.0

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids						SD Lot-Sample #: D7F120205-008		
	4300	4500	mg/L	3.9	(0-20)	MCAWW 160.1	06/14/07	7165525

Dilution Factor: 1 Analysis Time..: 15:50

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D7F120221 **Work Order #...:** J0R4T-SMP J0R4T-DUP **Matrix.....:** SO

Date Sampled...: 06/11/07 09:05 **Date Received..:** 06/12/07

% Moisture.....: 14

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture						SD Lot-Sample #:	D7F120221-035	
	14	14	%	1.4	(0-20)	MCAWW 160.3 MOD	06/19/07	7170568

Dilution Factor: 1 Analysis Time..: 22:00

METHOD BLANK REPORT

Severn Trent Laboratories - Radiochemistry

Client Lot ID: D7F120221
Matrix: SOLID

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	RL	MDC		Prep Date	Analysis Date	Lab Sample ID
TRITIUM (Distill) by EPA 906.0 MOD			pCi/g	Batch # 7168029		Yld %			F7F170000-029B
Tritium	-0.058	U	0.069	1.00	0.17		06/18/07	06/22/07	

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined using instrument performance only
Bold results are greater than the MDC

U Result is less than the sample detection limit.

Laboratory Control Sample Report

Severn Trent Laboratories - Radiochemistry

Client Lot ID: D7F120221
Matrix: SOLID

Parameter	Spike Amount	Result	Total Uncert. (2 σ+/-)	MDC	% Yld	% Rec	Lab Sample ID / QC Control Limits
TRITIUM (Distill) by EPA 906.0 MOD			pCi/g	906.0 MOD			F7F170000-029C
Tritium	17.2	16.2	1.8	0.2		94	(81 - 111)
	Batch #:	7168029		Analysis Date:	06/22/07		

NOTE(S)

MDC is determined by instrument performance only
Calculations are performed before rounding to avoid round-off error in calculated results

MATRIX SPIKE REPORT

Severn Trent Laboratories - Radiochemistry

Client Lot Id: D7F120221
Matrix: SO

Date Sampled: 06/10/07
Date Received: 06/12/07

Parameter	Spike Amount	Spike Result	Total Uncert. (2σ +/-)	Spike Yld.	Sample Result	Total Uncert. (2 σ +/-)	QC Sample ID %YLD	%REC	QC Control Limits
TRITIUM (Distill) by EPA 906.0 MOD			pCi/g		906.0 MOD			D7F120221-015	
Tritium	16.9	15.6	1.8		0.13	0.12		92	(75 - 106)
	Batch #:	7168029		Analysis Date:		06/22/07			

NOTE(S)

Data are incomplete without the case narrative.

Calculations are performed before rounding to avoid round-off errors in calculated results.

DUPLICATE EVALUATION REPORT

Severn Trent Laboratories - Radiochemistry

Client Lot ID: D7F120221
Matrix: SOLID

Date Sampled: 06/10/07
Date Received: 06/12/07

Parameter	SAMPLE Result		Total Uncert. (2σ +/-)		% Yld	DUPLICATE Result		Total Uncert. (2 σ +/-)		% Yld	QC Sample ID Precision	
TRITIUM (Distill) by EPA 906.0 MOD				pCi/g		906.0 MOD					D7F120221-014	
Tritium	0.04	U	0.10			0.12	U	0.12			109	%RPD
	Batch #:		7168029	(Sample)		7168029	(Duplicate)					

NOTE(S)

Data are incomplete without the case narrative.
Calculations are performed before rounding to avoid round-off error in calculated results

U Result is less than the sample detection limit.

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Page: 1 of 1 (Cooler 1)

Project No: 9050361.03.__

COC Number(1): 1

LIMS Number:

Chain of Custody and Analytical Request

Facility/Base I.D.: **Holloman Air Force Base**

Project/Site Name: SS18, SS12

Client Name: **USACE**

Collected by: **B. Wolfe, C. McGriff, D. Berry, J. Moore**

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOCs, 8260B	SVOCs, 8270C	PCBs, 8082	RCRA Metals, 6010B/7470A	Pesticides, 8081A	Herbicides, 8151A	TDS, 160.1	Perchlorate, 6860	TAL Metals 6010B/7470A	Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
SS18-MW02		09-Jun-2007	1022	-	N		WG	7	X	X					X		X				1
WL-12-03		09-Jun-2007	1045	-	N		WG	7	X	X		X			X						2
Trip Blank-Cooler 1		09-Jun-2007		-	TB		WQ	3	X												1
Trip Blank-Cooler 2		09-Jun-2007			TB		WQ	3	X												2
				-																	
				-																	
				-																	
				-																	
				-																	
				-																	

Sample Analysis Requested (5)

Quality Assurance Samples (6)

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1. [signature]	6/11/07	1500	1.		
2.			2.		
3.			3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab: _____ Shipped No.: _____

Method of Shipment: FedEx Airbill Number: _____

Analytical Lab: STL-Denver Delivery Location: Denver, CO

Lab Recipient: [signature] Delivery Date/Time: 6-12-07 0830

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)

2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)

3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)

4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc), SQ = Soil Blanks

5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.

6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control

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3M

Page: 1 of 1 (Cooler 2)

Project No: 9050361.03.

COC Number(1): 1

LIMS Number:

Chain of Custody and Analytical Request

Facility/Base I.D.: **Holloman Air Force Base**

Project/Site Name: SS18, SS12

Client Name: **USACE**

Collected by: **B. Wolfe, C. McGriff, D. Berry, J. Moore**

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOCs, 8260B	SVOCs, 8270C	PCBs, 8082	RCRA Metals, 6010B/7470A	Pesticides, 8081A	Herbicides, 8151A	TDS, 160.1	Perchlorate, 6860	TAL Metals 6010B/7470A	Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
SS18-MW02		09-June-2007	1022	-	N		WG	7	X	X					X		X				1
WL-12-03		09-Jun-2007	1045	-	N		WG	7	X	X		X			X						2
Trip Blank-Cooler 1		09-Jun-2007		-	TB		WQ	3	X												1
Trip Blank-Cooler 2		09-Jun-2007			TB		WQ	3	X												2
				-																	
				-																	
				-																	
				-																	
				-																	
				-																	

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1. [signature]	6/11/07	1500	1.		
2.			2.		
3.			3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab: _____ Shipped No.: _____

Method of Shipment: FedEx Airbill Number: _____

Analytical Lab: STL Denver Delivery Location: Denver, CO

Lab Recipient: [signature] Delivery Date/Time: 6-12-07 0830

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)

2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)

3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)

4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc), SQ = Soil Blanks

5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.

6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control

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Page: 1 of 1 (Cooler 4).

Project No: 9050361.03.__

COC Number(1): 2

LIMS Number:

Chain of Custody and Analytical Request

Facility/Base I.D.: **Holloman Air Force Base**

Project/Site Name: OT20, SS18

Client Name: **USACE**

Collected by: **B. Wolfe, C. McGriff, D. Berry, J. Moore**

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOCs, 8260B	SVOCs, 8270C	PCBs, 8082	RCRA Metals, 6010B/7470A	Pesticides, 8081A	Herbicides, 8151A	TDS, 160.1	Perchlorate, 6860	TAL Metals 6010B/7470A	Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
OT20-MW03		10-Jun-2007	1023	-	N		WG	11	X	X	X	X	X	X	X						3
OT20-MW03-a		10-Jun-2007	1023	-	FD		WG	11	X	X	X	X	X	X	X						4
OT20-MW02		10-Jun-2007	1105	-	N		WG	3	X												4
OT20-MW01		10-June-2007	1145		N		WG	3	X												4
SS18-MW04		10-June-2007	1335		N		WG	1									X				5
OT20-MW03-MS		11-Jun-2007	0815	-	MS		WG	11	X	X	X	X	X	X	X						9
OT20-MW03-MSD		11-Jun-2007	0815	-	SD		WG	11	X	X	X	X	X	X	X						10
Trip Blank-Cooler 3		10-Jun-2007		-	TB		WQ	2	X												
Trip Blank-Cooler 4		10-Jun-2007		-	TB		WQ	2	X												
Trip Blank-Cooler 9		11-Jun-2007		-	TB		WQ	2	X												
Trip Blank-Cooler 10		11-Jun-2007		-	TB		WQ	2	X												

Sample Analysis Requested (5) — Quality Assurance Samples (6)

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1. [signature]	6/11/07	1500	1.		
2.			2.		
3.			3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab: ____ Shipped No.: ____

Method of Shipment: FedEx Airbill Number: ____

Analytical Lab: STL-Denver Delivery Location: Denver, CO

Lab Recipient: [signature] Delivery Date/Time: 6.12.07 0830

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)

2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)

3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)

4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc), SQ = Soil Blanks

5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.

6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control

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3.5 w/ water

Page: 1 of 1 (Cooler 10)

Project No: 9050361.03.__

COC Number(1): 2

LIMS Number:

Chain of Custody and Analytical Request

Facility/Base I.D.: **Holloman Air Force Base**

Project/Site Name: OT20, SS18

Client Name: **USACE**

Collected by: **B. Wolfe, C. McGriff, D. Berry, J. Moore**

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOCs, 8260B	SVOCs, 8270C	PCBs, 8082	RCRA Metals, 6010B/7470A	Pesticides, 8081A	Herbicides, 8151A	TDS, 160.1	Perchlorate, 6860	TAL Metals 6010B/7470A	Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
OT20-MW03		10-Jun-2007	1023	-	N		WG	11	X	X	X	X	X	X	X						3
OT20-MW03-a		10-Jun-2007	1023	-	FD		WG	11	X	X	X	X	X	X	X						4
OT20-MW02		10-Jun-2007	1105	-	N		WG	3	X												4
OT20-MW01		10-June-2007	1145		N		WG	3	X												4
SS18-MW04		10-June-2007	1335		N		WG	1									X				5
OT20-MW03-MS		11-Jun-2007	0815	-	MS		WG	11	X	X	X	X	X	X	X						9
OT20-MW03-MSD		11-Jun-2007	0815	-	SD		WG	11	X	X	X	X	X	X	X						10
Trip Blank-Cooler 3		10-Jun-2007		-	TB		WQ	2	X												
Trip Blank-Cooler 4		10-Jun-2007		-	TB		WQ	2	X												
Trip Blank-Cooler 9		11-Jun-2007		-	TB		WQ	2	X												
Trip Blank-Cooler 10		11-Jun-2007		-	TB		WQ	2	X												

Sample Analysis Requested (5)

Quality Assurance Samples (6)

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1. [signature]	6/11/07	1500	1.		
2.			2.		
3.			3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab: ____ Shipped No.: ____

Method of Shipment: FedEx Airbill Number: ____

Analytical Lab: STL-Denver Delivery Location: Denver, CO

Lab Recipient: [signature] Delivery Date/Time: 6.12.07 0880

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)

2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)

3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)

4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc), SQ = Soil Blanks

5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.

6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control

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4.5°C
Cooler
FRI

Page: 1 of 1 (Cooler 9)

Project No: 9050361.03.__

COC Number(1): 2

LIMS Number:

Chain of Custody and Analytical Request

Facility/Base I.D.: **Holloman Air Force Base**

Project/Site Name: OT20, SS18

Client Name: **USACE**

Collected by: **B. Wolfe, C. McGriff, D. Berry, J. Moore**

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOCs, 8260B	SVOCs, 8270C	PCBs, 8082	RCRA Metals, 6010B/7470A	Pesticides, 8081A	Herbicides, 8151A	TDS, 160.1	Perchlorate, 6860	TAL Metals 6010B/7470A	Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
OT20-MW03		10-Jun-2007	1023	-	N		WG	11	X	X	X	X	X	X	X						3
OT20-MW03-a		10-Jun-2007	1023	-	FD		WG	11	X	X	X	X	X	X	X						4
OT20-MW02		10-Jun-2007	1105	-	N		WG	3	X												4
OT20-MW01		10-June-2007	1145		N		WG	3	X												4
SS18-MW04		10-June-2007	1335		N		WG	1									X				5
OT20-MW03-MS		11-Jun-2007	0815	-	MS		WG	11	X	X	X	X	X	X	X						9
OT20-MW03-MSD		11-Jun-2007	0815	-	SD		WG	11	X	X	X	X	X	X	X						10
Trip Blank-Cooler 3		10-Jun-2007		-	TB		WQ	2	X												
Trip Blank-Cooler 4		10-Jun-2007		-	TB		WQ	2	X												
Trip Blank-Cooler 9		11-Jun-2007		-	TB		WQ	2	X												
Trip Blank-Cooler 10		11-Jun-2007		-	TB		WQ	2	X												

Sample Analysis Requested (5) — Quality Assurance Samples (6)

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1. [signature]	6/11/07	1500	1.		
2.			2.		
3.			3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab: ____ Shipped No.: ____

Method of Shipment: FedEx Airbill Number: ____

Analytical Lab: STL-Denver Delivery Location: Denver, CO

Lab Recipient: [signature] Delivery Date/Time: 6-12-07 0845

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)

2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)

3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)

4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc), SQ = Soil Blanks

5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.

6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control

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Page: 1 of 1 (Cooler 3)

Project No: 9050361.03.__

COC Number(1): 2

LIMS Number:

Chain of Custody and Analytical Request

Facility/Base I.D.: **Holloman Air Force Base**

Project/Site Name: OT20, SS18

Client Name: **USACE**

Collected by: **B. Wolfe, C. McGriff, D. Berry, J. Moore**

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOCs, 8260B	SVOCs, 8270C	PCBs, 8082	RCRA Metals, 6010B/7470A	Pesticides, 8081A	Herbicides, 8151A	TDS, 160.1	Perchlorate, 6860	TAL Metals 6010B/7470A	Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
OT20-MW03		10-Jun-2007	1023	-	N		WG	11	X	X	X	X	X	X	X						3
OT20-MW03-a		10-Jun-2007	1023	-	FD		WG	11	X	X	X	X	X	X	X						4
OT20-MW02		10-Jun-2007	1105	-	N		WG	3	X												4
OT20-MW01		10-June-2007	1145		N		WG	3	X												4
SS18-MW04		10-June-2007	1335		N		WG	1									X				5
OT20-MW03-MS		11-Jun-2007	0815	-	MS		WG	11	X	X	X	X	X	X	X						9
OT20-MW03-MSD		11-Jun-2007	0815	-	SD		WG	11	X	X	X	X	X	X	X						10
Trip Blank-Cooler 3		10-Jun-2007		-	TB		WQ	2	X												
Trip Blank-Cooler 4		10-Jun-2007		-	TB		WQ	2	X												
Trip Blank-Cooler 9		11-Jun-2007		-	TB		WQ	2	X												
Trip Blank-Cooler 10		11-Jun-2007		-	TB		WQ	2	X												

Sample Analysis Requested (5) — Quality Assurance Samples (6)

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1. [signature]	6/11/07	1500	1.		
2.			2.		
3.			3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab: ____ Shipped No.: ____

Method of Shipment: FedEx Airbill Number: ____

Analytical Lab: STL-Denver Delivery Location: Denver, CO

Lab Recipient: [signature] Delivery Date/Time: 6-12-07 0880

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)

2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)

3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)

4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc), SQ = Soil Blanks

5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.

6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control

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Page: 1 of 1 (Coolers)

Project No: 9050361.03.__

COC Number(1): 2

LIMS Number:

Chain of Custody and Analytical Request

Facility/Base I.D.: **Holloman Air Force Base**

Project/Site Name: OT20, SS18

Client Name: **USACE**

Collected by: **B. Wolfe, C. McGriff, D. Berry, J. Moore**

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOCs, 8260B	SVOCs, 8270C	PCBs, 8082	RCRA Metals, 6010B/7470A	Pesticides, 8081A	Herbicides, 8151A	TDS, 160.1	Perchlorate, 6860	TAL Metals 6010B/7470A	Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
OT20-MW03		10-Jun-2007	1023	-	N		WG	11	X	X	X	X	X	X	X						3
OT20-MW03-a		10-Jun-2007	1023	-	FD		WG	11	X	X	X	X	X	X	X						4
OT20-MW02		10-Jun-2007	1105	-	N		WG	3	X												4
OT20-MW01		10-June-2007	1145		N		WG	3	X												4
SS18-MW04		10-June-2007	1335		N		WG	1									X				5
OT20-MW03-MS		11-Jun-2007	0815	-	MS		WG	11	X	X	X	X	X	X	X						9
OT20-MW03-MSD		11-Jun-2007	0815	-	SD		WG	11	X	X	X	X	X	X	X						10
Trip Blank-Cooler 3		10-Jun-2007		-	TB		WQ	2	X												
Trip Blank-Cooler 4		10-Jun-2007		-	TB		WQ	2	X												
Trip Blank-Cooler 9		11-Jun-2007		-	TB		WQ	2	X												
Trip Blank-Cooler 10		11-Jun-2007		-	TB		WQ	2	X												

Sample Analysis Requested (5) — Quality Assurance Samples (6)

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1. [signature]	6/11/07	1500	1.		
2.			2.		
3.			3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab: _____ Shipped No.: _____

Method of Shipment: FedEx Airbill Number: _____

Analytical Lab: STL-Denver Delivery Location: Denver, CO

Lab Recipient: [signature] Delivery Date/Time: 6-12-07 0830

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)

2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)

3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)

4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc), SQ = Soil Blanks

5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.

6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control

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2.7c
6/12/07

Page: 1 of 2 (Cooler 6)

Project No: 9050361.03.__

COC Number(1): 3

LIMS Number:

Chain of Custody and Analytical Request

Facility/Base I.D.: **Holloman Air Force Base**

Project/Site Name: RW42

Client Name: **USACE**

Collected by: **B. Wolfe, C. McGriff, D. Berry, J. Moore**

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOCs, 8260B	SVOCs, 8270C	PCBs, 8082	Metals, 6010B/7471A	Pesticides, 8081A	Herbicides, 8151A	TDS, 160.1	Hex Cr, 7196A	DRO/GRO/ORO, 8015M	Tritium 906.0M	Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
RW42-DP01-	10	10-Jun-2007	1300	1 - 10			SO	7	X	X		X					X	X				6
RW42-DP01-	16	10-Jun-2007	1310	1 - 16			SO	7	X	X		X					X	X				6
RW42-DP01-	24	10-Jun-2007	1320	1 - 24			SO	7	X	X		X					X	X				6
RW42-DP01-	24a	10-Jun-2007	1320	1 24			SO	7	X	X		X					X	X				6
RW42-DP02-	10	10-Jun-2007	1345	1 10			SO	7	X	X		X					X	X				6
RW42-DP02-	16	10-Jun-2007	1400	1 - 16			SO	7	X	X		X					X	X				7
RW42-DP02-	24	10-Jun-2007	1415	1 - 24			SO	7	X	X		X					X	X				7
RW42-DP02-	24-MS	10-Jun-2007	1415	1 - 24			SO	7	X	X		X					X	X				7
RW42-DP02-	24-MSD	10-Jun-2007	1415	1 - 24			SO	7	X	X		X					X	X				7
RW42-DP03-	10	10-Jun-2007	1445	1 - 10			SO	7	X	X		X					X	X				7
RW42-DP03-	16	10-Jun-2007	1500	1 - 16			SO	7	X	X		X					X	X				7

Sample Analysis Requested (5) — Quality Assurance Samples (6)

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1. [signature]	6/11/07	1500	1.		
2.			2.		
3.			3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab: _____ Shipped No.: _____

Method of Shipment: FedEx Airbill Number: _____

Analytical Lab: STL-Denver Delivery Location: Denver, CO

Lab Recipient: [signature] Delivery Date/Time: 6-12-07 0850

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)

2.) Sample Type (SA) Codes. N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)

3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)

4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc), SQ = Soil Blanks

5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each

6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01 - 99 max) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control

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4.6°C
Blanks
Int

Page: 1 of 2 (Cooler 8)

Project No: 9050361.03.__

COC Number(1): 3

LIMS Number:

Chain of Custody and Analytical Request

Facility/Base I.D.: **Holloman Air Force Base**

Project/Site Name: RW42

Client Name: **USACE**

Collected by: **B. Wolfe, C. McGriff, D. Berry, J. Moore**

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOCs, 8260B	SVOCs, 8270C	PCBs, 8082	Total Metals, 6010B/7471A	Pesticides, 8081A	Herbicides, 8151A	TDS, 160.1	Hex Cr, 7196A	DRO/GRO/ORO, 8015M	Tritium 906.0M	Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
RW42-DP01-	10	10-Jun-2007	1300	/ -10			SO	7	X	X		X					X	X				6
RW42-DP01-	16	10-Jun-2007	1310	/ -16			SO	7	X	X		X					X	X				6
RW42-DP01-	24	10-Jun-2007	1320	/ -24			SO	7	X	X		X					X	X				6
RW42-DP01-	24a	10-Jun-2007	1320	/ 24			SO	7	X	X		X					X	X				6
RW42-DP02-	10	10-Jun-2007	1345	/ 10			SO	7	X	X		X					X	X				6
RW42-DP02-	16	10-Jun-2007	1400	/ -16			SO	7	X	X		X					X	X				7
RW42-DP02-	24	10-Jun-2007	1415	/ -24			SO	7	X	X		X					X	X				7
RW42-DP02-	24-MS	10-Jun-2007	1415	/ -24			SO	7	X	X		X					X	X				7
RW42-DP02-	24-MSD	10-Jun-2007	1415	/ -24			SO	7	X	X		X					X	X				7
RW42-DP03-	10	10-Jun-2007	1445	/ -10			SO	7	X	X		X					X	X				7
RW42-DP03-	16	10-Jun-2007	1500	/ -16			SO	7	X	X		X					X	X				7

Sample Analysis Requested (5) — Quality Assurance Samples (6)

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1. [signature]	6/11/07	1500	1.		
2.			2.		
3.			3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab: _____ Shipped No.: _____

Method of Shipment: FedEx Airbill Number: _____

Analytical Lab: STL-Denver Delivery Location: Denver, CO

Lab Recipient: [signature] Delivery Date/Time: 6-12-07 0820

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)

2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)

3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)

4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc), SQ = Soil Blanks

5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each

6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control

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2.8c
Tritium EM

Page: 1 of 2 (Cooler 7)

Project No: 9050361.03.__

COC Number(1): 3

LIMS Number:

Chain of Custody and Analytical Request

Facility/Base I.D.: **Holloman Air Force Base**

Project/Site Name: RW42

Client Name: **USACE**

Collected by: **B. Wolfe, C. McGriff, D. Berry, J. Moore**

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOCs, 8260B	SVOCs, 8270C	PCBs, 8082	Total Metals, 6010B/7471A	Pesticides, 8081A	Herbicides, 8151A	TDS, 160.1	Hex Cr, 7196A	DRO/GRO/ORO, 8015M	Tritium 906.0M	Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
RW42-DP01-	10	10-Jun-2007	1300	/ -10			SO	7	X	X		X					X	X				6
RW42-DP01-	16	10-Jun-2007	1310	/ -16			SO	7	X	X		X					X	X				6
RW42-DP01-	24	10-Jun-2007	1320	/ -24			SO	7	X	X		X					X	X				6
RW42-DP01-	24a	10-Jun-2007	1320	/ 24			SO	7	X	X		X					X	X				6
RW42-DP02-	10	10-Jun-2007	1345	/ 10			SO	7	X	X		X					X	X				6
RW42-DP02-	16	10-Jun-2007	1400	/ -16			SO	7	X	X		X					X	X				7
RW42-DP02-	24	10-Jun-2007	1415	/ -24			SO	7	X	X		X					X	X				7
RW42-DP02-	24-MS	10-Jun-2007	1415	/ -24			SO	7	X	X		X					X	X				7
RW42-DP02-	24-MSD	10-Jun-2007	1415	/ -24			SO	7	X	X		X					X	X				7
RW42-DP03-	10	10-Jun-2007	1445	/ -10			SO	7	X	X		X					X	X				7
RW42-DP03-	16	10-Jun-2007	1500	/ -16			SO	7	X	X		X					X	X				7

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1. [signature]	6/11/07	1500	1.		
2.			2.		
3.			3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab:
Method of Shipment: FedEx
Analytical Lab: ~~STL-Denver~~
Lab Recipient:

Shipped No.:
Airbill Number:
Delivery Location: Denver, CO
Delivery Date/Time: 6-12-07 0830

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)
2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)
3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)
4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc), SQ = Soil Blanks
5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each
6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control

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Page: 2 of 2 (Cooler 6)

Project No: 9050361.03.__

COC Number(1): 3

LIMS Number:

Chain of Custody and Analytical Request

Facility/Base I.D.: **Holloman Air Force Base**

Project/Site Name: RW42

Client Name: **USACE**

Collected by: **B. Wolfe, C. McGriff, D. Berry, J. Moore**

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOCs, 8260B	SVOCs, 8270C	PCBs, 8082	TAL Metals, 6010B/7471A	Pesticides, 8081A	Herbicides, 8151A	TDS, 160.1	Hex Cr, 7196A	DRO/GRO/ORO, 8015M	Tritium 906.0M	Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
RW42-DP03-24		10-Jun-2007	1515	/ -24	N		SO	7	X	X		X					X	X				8
RW42-DP04-10		10-Jun-2007	1530	/ -10	N		SO	7	X	X		X					X	X				8
RW42-DP04-16		10-Jun-2007	1545	/ -16	N		SO	7	X	X		X					X	X				8
RW42-DP04-24		10-Jun-2007	1600	/ 24	N		SO	7	X	X		X					X	X				8
RW42-DP04-24a		10-June-2007	1600	/ 24	FD		SO	7	X	X		X					X	X				8
Trip Blank-Cooler 6		10-Jun-2007		-	TB		WQ	2	X													6
Trip Blank-Cooler 7		10-Jun-2007		/ -	TB		WQ	2	X													7
Trip Blank-Cooler 8		10-June-2007		/ -	TB		WQ	2	X													8
				-																		
				-																		
				-																		

Sample Analysis Requested (5) — Quality Assurance Samples (6)

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1. [signature]	6/11/07	1500	1.		
2.			2.		
3.			3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab: _____ Shipped No.: _____

Method of Shipment: FedEx Airbill Number: _____

Analytical Lab: STL-Denver Delivery Location: Denver, CO

Lab Recipient: [signature] Delivery Date/Time: 6/12/07 0820

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)

2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)

3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)

4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc), SQ = Soil Blanks

5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.

6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control

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Project No: 9050361.03.__

COC Number(1): 3

LIMS Number:

Chain of Custody and Analytical Request

Facility/Base I.D.: **Holloman Air Force Base**

Project/Site Name: RW42

Client Name: **USACE**

Collected by: **B. Wolfe, C. McGriff, D. Berry, J. Moore**

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOCs, 8260B	SVOCs, 8270C	PCBs, 8082	TAL Metals, 6010B/7471A	Pesticides, 8081A	Herbicides, 8151A	TDS, 160.1	Hex Cr, 7196A	DRO/GRO/ORO, 8015M	Tritium 906.0M	Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
RW42-DP03-24		10-Jun-2007	1515	/ -24	N		SO	7	X	X		X					X	X				8
RW42-DP04-10		10-Jun-2007	1530	/ -10	N		SO	7	X	X		X					X	X				8
RW42-DP04-16		10-Jun-2007	1545	/ -16	N		SO	7	X	X		X					X	X				8
RW42-DP04-24		10-Jun-2007	1600	/ 24	N		SO	7	X	X		X					X	X				8
RW42-DP04-24a		10-June-2007	1600	/ 24	FD		SO	7	X	X		X					X	X				8
Trip Blank-Cooler 6		10-Jun-2007		-	TB		WQ	2	X													6
Trip Blank-Cooler 7		10-Jun-2007		/ -	TB		WQ	2	X													7
Trip Blank-Cooler 8		10-June-2007		/ -	TB		WQ	2	X													8
				-																		
				-																		
				-																		

Sample Analysis Requested (5) — Quality Assurance Samples (6)

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1. [signature]	6/11/07	1500	1.		
2.			2.		
3.			3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab:

Shipped No.:

Method of Shipment: FedEx

Airbill Number:

Analytical Lab: STL-Denver

Delivery Location: Denver, CO

Lab Recipient: [signature]

Delivery Date/Time: 6-12-07 0850

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)

2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)

3.) Sample Number: Unique sample number collected from a particular location per day (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)

4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc), SQ = Soil Blanks

5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.

6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control

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Page: 2 of 2 (Cooler 7)

Project No: 9050361.03.__

COC Number(1): 3

LIMS Number:

Chain of Custody and Analytical Request

Facility/Base I.D.: **Holloman Air Force Base**

Project/Site Name: RW42

Client Name: **USACE**

Collected by: **B. Wolfe, C. McGriff, D. Berry, J. Moore**

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOCs, 8260B	SVOCs, 8270C	PCBs, 8082	TAL Metals, 6010B/7471A	Pesticides, 8081A	Herbicides, 8151A	TDS, 160.1	Hex Cr, 7196A	DRO/GRO/ORO, 8015M	Tritium 906.0M	Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
RW42-DP03-24		10-Jun-2007	1515	/ -24	N		SO	7	X	X		X					X	X				8
RW42-DP04-10		10-Jun-2007	1530	/ -10	N		SO	7	X	X		X					X	X				8
RW42-DP04-16		10-Jun-2007	1545	/ -16	N		SO	7	X	X		X					X	X				8
RW42-DP04-24		10-Jun-2007	1600	/ 24	N		SO	7	X	X		X					X	X				8
RW42-DP04-24a		10-June-2007	1600	/ 24	FD		SO	7	X	X		X					X	X				8
Trip Blank-Cooler 6		10-Jun-2007		-	TB		WQ	2	X													6
Trip Blank-Cooler 7		10-Jun-2007		/ -	TB		WQ	2	X													7
Trip Blank-Cooler 8		10-June-2007		/ -	TB		WQ	2	X													8
				-																		
				-																		
				-																		

Sample Analysis Requested (5) — Quality Assurance Samples (6)

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1. [signature]	6/11/07	1500	1.		
2.			2.		
3.			3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab: ____ Shipped No.: ____

Method of Shipment: FedEx Airbill Number: ____

Analytical Lab: STL-Denver Delivery Location: Denver, CO

Lab Recipient: [signature] Delivery Date/Time: 6.12.07 0820

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)

2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)

3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)

4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc), SQ = Soil Blanks

5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.

6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control

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4.9 °C

Page: 1 of 1 (Cooler 11)

Project No: 9050361.03.__

COC Number(1): 4

LIMS Number:

Chain of Custody and Analytical Request

Facility/Base I.D.: **Holloman Air Force Base**

Project/Site Name: OT38, OT37

Client Name: **USACE**

Collected by: **B. Wolfe, C. McGriff, D. Berry, J. Moore**

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOCs, 8260B	SVOCs, 8270C	PCBs, 8082	RCRA Metals, 6010B/7471A	Pesticides, 8081A	Herbicides, 8151A	TDS, 160.1	Hex Cr, 7196A	DRO/GRO/ORO, 8015M		Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
OT38-DP03-10		11-Jun-2007	0815	1 - 10	N		SO	6	X	X	X	X	X				X					11
OT37-DP09-2		11-Jun-2007	0845	1 - 2	N		SO	2			X						X					12
OT37-DP09-10		11-Jun-2007	0850	1 - 10	N		SO	2			X						X					12
OT37-DP10-2		11-Jun-2007	0900	1 2	N		SO	2			X						X					12
OT37-DP10-10		11-Jun-2007	0905	1 10	N		SO	2			X						X					12
Trip Blank-Cooler 11		11-Jun-2007		-	TB		WQ	2	X													11
				-																		
				-																		
				-																		
				-																		
				-																		

Sample Analysis Requested (5) | Quality Assurance Samples (6)

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1. [signature]	6/11/07	1500	1.		
2.			2.		
3.			3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab: _____ Shipped No.: _____

Method of Shipment: FedEx Airbill Number: _____

Analytical Lab: STL-Denver Delivery Location: Denver, CO

Lab Recipient: [signature] Delivery Date/Time: 6-12-07 0830

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)

2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)

3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)

4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc), SQ = Soil Blanks

5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.

6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control

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2.5 gal or other soil

Page: 1 of 1 (Cooler 12)

Project No: 9050361.03.__

COC Number(1): 4

LIMS Number:

Chain of Custody and Analytical Request

Facility/Base I.D.: **Holloman Air Force Base**

Project/Site Name: OT38, OT37

Client Name: **USACE**

Collected by: **B. Wolfe, C. McGriff, D. Berry, J. Moore**

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOCs, 8260B	SVOCs, 8270C	PCBs, 8082	RCRA Metals, 6010B/7471A	Pesticides, 8081A	Herbicides, 8151A	TDS, 160.1	Hex Cr, 7196A	DRO/GRO/ORO, 8015M		Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
								Sample Analysis Requested (5)											Quality Assurance Samples (6)			
OT38-DP03-10		11-Jun-2007	0815	1 - 10	N		SO	6	X	X	X	X	X				X					11
OT37-DP09-2		11-Jun-2007	0845	1 - 2	N		SO	2			X						X					12
OT37-DP09-10		11-Jun-2007	0850	1 - 10	N		SO	2			X						X					12
OT37-DP10-2		11-Jun-2007	0900	1 2	N		SO	2			X						X					12
OT37-DP10-10		11-Jun-2007	0905	1 10	N		SO	2			X						X					12
Trip Blank-Cooler 11		11-Jun-2007		-	TB		WQ	2	X													11
				-																		
				-																		
				-																		
				-																		
				-																		

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1. [signature]	6/11/07	1500	1.		
2.			2.		
3.			3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab: _____ Shipped No.: _____

Method of Shipment: FedEx Airbill Number: _____

Analytical Lab: STL-Denver Delivery Location: Denver, CO

Lab Recipient: [signature] Delivery Date/Time: 6-12-07 0830

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)

2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)

3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)

4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc), SQ = Soil Blanks

5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.

6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01) = (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control

SEVERN TRENT STL

STL Denver
4955 Yarrow Street
Arvada, CO 80002

Tel: 303 736 0100 Fax: 303 431 7171
www.stl-inc.com

ANALYTICAL REPORT

Holloman AFB, NM

Lot D7G200178

Marcia Olive

Bhate Environmental Associates, Inc.
445 Union Blvd.
Suite 129
Lakewood, CO 80226

TestAmerica DENVER

Julie Kern for
Michael P. Phillips
Project Manager

August 9, 2007

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Table Of Contents

Standard Deliverables

Report Contents	Total Number of Pages
Standard Deliverables *The **Cover Letter** and the **Report Cover** page are considered integral parts of this Standard Deliverable package. This report is incomplete unless all pages indicated in this Table of Contents are included.*	

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- **Executive Summary – Detection Highlights**
- **Methods Summary**
- **Method/Analyst Summary**
- **Lot Sample Summary**
- **Analytical Results**
- **QC Data Association Summary**
- **QC Evaluation and/or Data Reports**
- **Chain-of-Custody**

CASE NARRATIVE
D7G200178

The following report contains the analytical results for eight solid samples, three water samples, and five trip blanks submitted to TestAmerica Denver by Bhate Environmental Associates, Inc. from the Holloman AFB Site. The samples were received July 20, 2007, according to documented sample acceptance procedures.

Dilution factors and footnotes have been provided on each data sheet to assist in the interpretation of the results. In some cases, due to interferences or analytes present above the linear calibration curve, samples must be analyzed at a dilution. For samples analyzed at a dilution, the reporting limits are adjusted relative to the dilution required. Dilutions made for reasons other than the presence of target compound(s) are addressed in the Supplemental Information Section.

TestAmerica Denver utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameters listed on the methods summary page in accordance with the methods indicated. A summary of QC data for these analyses is included near the end of the report.

The results included in this report have been reviewed for compliance with the laboratory QA/QC plan and meet all requirements of NELAC. All data have been found to be compliant with laboratory protocol, with the exception of any items noted below.

Supplemental QC Information

Sample Arrival and Receipt

The samples presented in this report were received at the laboratory in good condition and at temperatures of 4.7°C, 3.7°C, 2.3°C, 3.0°C, and 4.4°C.

One of the three 40mL vials submitted for sample OT37-MW07-MS were received at the laboratory broken. Sufficient volume remained to proceed with the requested analyses. The client was notified on July 23, 2007.

No other anomalies were observed.

GC/MS Volatiles, SW846 Method 8260B

Methylene chloride was detected in all of the Trip Blanks associated with this set of samples at a concentration below the project established reporting limit.

2-Butanone was detected in the Method Blank associated with batch 7213179 at a concentration below the project established reporting limit. No corrective action is taken for any values in Method Blanks that are below the requested reporting limits.

The LCS recovery for Bromoform in batch 7170404 was above the control limit. However, since the data are considered to be biased high and all associated samples were non-detect for Bromoform, no further corrective action was performed.

MS/MSD analyses were performed using sample OT37-MW07 for batch 7213087, as requested and exhibited recoveries and relative percent differences outside the control limits for 2-Chloroethyl vinyl ether. Because the corresponding Laboratory Control Samples and the Method Blank samples were within control limits, these anomalies may be due to matrix interference and no corrective action was taken.

MS/MSD analyses were performed using a sample from another client and/or lot for batch 7213179, as requested, and exhibited recoveries outside the control limits for thirty compounds. Because the corresponding Laboratory Control Samples and the Method Blank samples were within control limits, these anomalies may be due to matrix interference and no corrective action was taken.

No other anomalies were observed.

GC/MS Semivolatiles, SW846 Method 8270C

Sample OT32-SB11-25 in batch 7204311 exhibited surrogate recoveries for Nitrobenzene-d5 below the QC control limits. The sample was re-extracted outside the holding time for confirmation as part of batch 7208424. All surrogate recoveries were in control for the re-extracted sample. Both sets of data are reported.

MS/MSD analyses were performed using sample OT37-MW07 in batch 7204177, as requested, and exhibited recoveries and/or relative percent differences outside the control limits for six compounds. Because the corresponding Laboratory Control Samples and the Method Blank samples were within control limits, these anomalies may be due to matrix interference and no corrective action was taken.

MS/MSD analyses were also performed using sample OT32-SB12-15 for batch 7204311 and exhibited relative percent difference outside the control limits for one compound. Because the corresponding Laboratory Control Samples and the Method Blank samples were within control limits, these anomalies may be due to matrix interference and no corrective action was taken.

MS/MSD analyses were performed using sample OT32-SB11-25 for batch 7208424, as requested, and all results were in control.

No other anomalies were observed.

GRO/TVPH, SW846 Method 8015B

No anomalies were observed.

DRO/ORO/TEPH, SW846 Method 8015B

No anomalies were observed.

PCBs, SW846 Method 8082

No anomalies were observed.

Perchlorate, SW846 Method 6860

Each sample is analyzed to achieve the lowest possible reporting limits within the constraints of the method. Due to analytes present above the linear calibration range, samples OT37-MW07, OT37-MW07-A, and OT37-MW08 were analyzed at dilutions. The reporting limits have been adjusted relative to the dilution required.

MS/MSD analyses were performed using sample OT37-MW07 for batch 7213214, as requested, and exhibited a spike recovery outside the control limits for Perchlorate. Because the corresponding Laboratory Control Sample and the Method Blank sample were within control limits, this anomaly may be due to matrix interference and no corrective action was taken.

No other anomalies were observed.

Total Metals, SW846 Methods 6010B/7470A/7471A

Calcium and Zinc were detected in the Method Blank associated with batch 7201487 and Mercury was detected in the Method Blank associated with batch 7209154 at concentrations below the project established reporting limits. No corrective action is taken for any values in Method Blanks that are below the requested reporting limits.

The Serial Dilution associated with batch 7201487 indicated that physical and chemical interferences were present for Calcium and Sodium. Results in the analytical report have been flagged with an "L" for samples OT32-SB12-15, OT32-SB12-25, OT32-SB11-15, OT32-SB11-25, OT32-SB10-15, OT32-SB10-25, OT32-SB09-15, and OT32-SB09-25.

MS/MSD analyses were performed using sample OT32-SB12-15 for batch 7201487, as requested and exhibited recoveries outside the control limits for Thallium. The percent recoveries and RPD data could not be calculated for Aluminum, Calcium, and Iron due to the sample concentrations reading greater than four times the spike amounts. Because the corresponding Laboratory Control Samples and the Method Blank samples were within control limits, these anomalies may be due to matrix interference and no corrective action was taken.

MS/MSD analyses were performed using sample OT37-MW07 for batch 7204497, as requested and exhibited recoveries outside the control limits for Lead. Because the corresponding Laboratory Control Samples and the Method Blank samples were within control limits, these anomalies may be due to matrix interference and no corrective action was taken.

MS/MSD analyses were performed using a sample from another client and/or lot for batch 7204497, as requested, and was not in control for Lead. Because the corresponding Laboratory Control Samples and the Method Blank samples were within control limits, these anomalies may be due to matrix interference and no corrective action was taken.

No other anomalies were observed.

Total Dissolved Solids and Percent Moisture – MCAWW 160.1 and 160.3MOD

A low level of Total Dissolved Solics is present in the method blank associated with QC batch 7204488. Because the concentration in the method blank is not present at a level greater than the reporting limit, corrective action is deemed unnecessary. Associated results in the analytical report have been flagged with a "J" "B".

Each sample is analyzed to achieve the lowest possible reporting limit within the constraints of the method. Due to high constituent concentrations, samples OT37-MW07, OT37-MW07-A, and OT37-MW08 had to be analyzed at dilutions for Total Dissolved Solids. The reporting limits have been adjusted relative to the dilutions required.

No other anomalies were observed.

Tritium – EPA 906.0 MOD

No anomalies were observed.

EXECUTIVE SUMMARY - Detection Highlights

D7G200178

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
OT32-SB12-15 07/18/07 13:50 001				
Diesel Range Organics (C10-C22	1.9 J,B	4.6	mg/kg	SW846 8015B
Gasoline Range Organics	0.49 J	1.4	mg/kg	SW846 8015B
Aluminum	13000	12	mg/kg	SW846 6010B
Arsenic	4.2	2.3	mg/kg	SW846 6010B
Barium	100	1.2	mg/kg	SW846 6010B
Beryllium	0.69	0.58	mg/kg	SW846 6010B
Calcium	150000	58	mg/kg	SW846 6010B
	Qualifiers: J,L			
Cadmium	0.19 B	0.58	mg/kg	SW846 6010B
Cobalt	3.4	1.2	mg/kg	SW846 6010B
Chromium	15	1.7	mg/kg	SW846 6010B
Copper	7.0	2.3	mg/kg	SW846 6010B
Iron	12000	17	mg/kg	SW846 6010B
Potassium	2200	350	mg/kg	SW846 6010B
Magnesium	6000	23	mg/kg	SW846 6010B
Manganese	130	1.2	mg/kg	SW846 6010B
Sodium	3000 L	580	mg/kg	SW846 6010B
Nickel	11	4.6	mg/kg	SW846 6010B
Lead	7.2	0.93	mg/kg	SW846 6010B
Vanadium	32	2.3	mg/kg	SW846 6010B
Zinc	32 J	3.5	mg/kg	SW846 6010B
2-Butanone (MEK)	12 J,B	24	ug/kg	SW846 8260B
Percent Moisture	14	0.10	%	MCAWW 160.3 MOD
OT32-SB12-25 07/18/07 14:15 002				
Diesel Range Organics (C10-C22	2.2 J,B	5.1	mg/kg	SW846 8015B
Aluminum	8900	13	mg/kg	SW846 6010B
Arsenic	0.88 B	2.6	mg/kg	SW846 6010B
Barium	53	1.3	mg/kg	SW846 6010B
Beryllium	0.38 B	0.64	mg/kg	SW846 6010B
Calcium	170000	64	mg/kg	SW846 6010B
	Qualifiers: J,L			
Cadmium	0.084 B	0.64	mg/kg	SW846 6010B
Cobalt	2.2	1.3	mg/kg	SW846 6010B
Chromium	9.9	1.9	mg/kg	SW846 6010B
Copper	4.5	2.6	mg/kg	SW846 6010B
Iron	6300	19	mg/kg	SW846 6010B
Potassium	2000	380	mg/kg	SW846 6010B
Magnesium	4500	26	mg/kg	SW846 6010B
Manganese	78	1.3	mg/kg	SW846 6010B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

D7G200178

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
OT32-SB12-25 07/18/07 14:15 002				
Sodium	1500 L	640	mg/kg	SW846 6010B
Nickel	6.2	5.1	mg/kg	SW846 6010B
Lead	4.3	1.0	mg/kg	SW846 6010B
Vanadium	12	2.6	mg/kg	SW846 6010B
Zinc	21 J	3.8	mg/kg	SW846 6010B
Dibenzofuran	44 J	840	ug/kg	SW846 8270C
2-Butanone (MEK)	13 J,B	27	ug/kg	SW846 8260B
Percent Moisture	22	0.10	%	MCAWW 160.3 MOD
OT32-SB11-15 07/18/07 15:50 003				
Diesel Range Organics (C10-C22	2.0 J,B	4.8	mg/kg	SW846 8015B
Aluminum	4800	12	mg/kg	SW846 6010B
Arsenic	1.7 B	2.4	mg/kg	SW846 6010B
Barium	81	1.2	mg/kg	SW846 6010B
Calcium	200000	60	mg/kg	SW846 6010B
	Qualifiers: J,L			
Cadmium	0.093 B	0.60	mg/kg	SW846 6010B
Cobalt	2.3	1.2	mg/kg	SW846 6010B
Chromium	5.0	1.8	mg/kg	SW846 6010B
Copper	2.9	2.4	mg/kg	SW846 6010B
Iron	4100	18	mg/kg	SW846 6010B
Potassium	1100	360	mg/kg	SW846 6010B
Magnesium	3400	24	mg/kg	SW846 6010B
Manganese	130	1.2	mg/kg	SW846 6010B
Sodium	590 B,L	600	mg/kg	SW846 6010B
Nickel	4.4 B	4.8	mg/kg	SW846 6010B
Lead	2.9	0.95	mg/kg	SW846 6010B
Vanadium	8.4	2.4	mg/kg	SW846 6010B
Zinc	13 J	3.6	mg/kg	SW846 6010B
2-Butanone (MEK)	13 J,B	27	ug/kg	SW846 8260B
Percent Moisture	16	0.10	%	MCAWW 160.3 MOD
OT32-SB11-25 07/18/07 16:00 004				
Diesel Range Organics (C10-C22	2.1 J,B	4.9	mg/kg	SW846 8015B
Aluminum	2400	12	mg/kg	SW846 6010B
Barium	38	1.2	mg/kg	SW846 6010B
Calcium	210000	61	mg/kg	SW846 6010B
	Qualifiers: J,L			

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

D7G200178

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
OT32-SB11-25 07/18/07 16:00 004				
Cobalt	0.81 B	1.2	mg/kg	SW846 6010B
Chromium	2.7	1.8	mg/kg	SW846 6010B
Copper	1.5 B	2.4	mg/kg	SW846 6010B
Iron	2200	18	mg/kg	SW846 6010B
Potassium	650	360	mg/kg	SW846 6010B
Magnesium	2300	24	mg/kg	SW846 6010B
Manganese	21	1.2	mg/kg	SW846 6010B
Sodium	400 B,L	610	mg/kg	SW846 6010B
Nickel	1.6 B	4.9	mg/kg	SW846 6010B
Lead	2.3	0.97	mg/kg	SW846 6010B
Vanadium	5.1	2.4	mg/kg	SW846 6010B
Zinc	6.6 J	3.6	mg/kg	SW846 6010B
2-Butanone (MEK)	11 J,B	23	ug/kg	SW846 8260B
Percent Moisture	18	0.10	%	MCAWW 160.3 MOD
OT37-MW07 07/18/07 16:45 005				
Perchlorate	1.8	0.50	ug/L	SW846 6860
Mercury	0.038 B,J	0.20	ug/L	SW846 7470A
Selenium	5.5 B	15	ug/L	SW846 6010B
Barium	56	10	ug/L	SW846 6010B
Cadmium	1.1 B	5.0	ug/L	SW846 6010B
Arsenic	8.6 B	15	ug/L	SW846 6010B
bis(2-Ethylhexyl) phthalate	1.3 J	10	ug/L	SW846 8270C
Chloroform	5.8	1.0	ug/L	SW846 8260B
Methylene chloride	0.56 J	5.0	ug/L	SW846 8260B
Total Dissolved Solids	16000 J,Q	100	mg/L	MCAWW 160.1
OT37-MW07-A 07/18/07 16:45 006				
Perchlorate	1.7	0.50	ug/L	SW846 6860
Mercury	0.036 B,J	0.20	ug/L	SW846 7470A
Selenium	7.5 B	15	ug/L	SW846 6010B
Barium	54	10	ug/L	SW846 6010B
Cadmium	1.0 B	5.0	ug/L	SW846 6010B
Arsenic	9.8 B	15	ug/L	SW846 6010B
bis(2-Ethylhexyl) phthalate	2.5 J	10	ug/L	SW846 8270C
Chloroform	5.5	1.0	ug/L	SW846 8260B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

D7G200178

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
OT37-MW07-A 07/18/07 16:45 006				
Methylene chloride	0.47 J	5.0	ug/L	SW846 8260B
Total Dissolved Solids	13000 J,Q	100	mg/L	MCAWW 160.1
TRIP BLANK-COOLER1 07/19/07 007				
Methylene chloride	0.45 J	5.0	ug/L	SW846 8260B
TRIP BLANK-COOLER2 07/19/07 008				
Methylene chloride	0.55 J	5.0	ug/L	SW846 8260B
TRIP BLANK-COOLER3 07/19/07 009				
Methylene chloride	0.58 J	5.0	ug/L	SW846 8260B
OT37-MW08 07/19/07 09:15 010				
Perchlorate	2.7	1.0	ug/L	SW846 6860
Mercury	0.035 B,J	0.20	ug/L	SW846 7470A
Barium	110	10	ug/L	SW846 6010B
Cadmium	1.2 B	5.0	ug/L	SW846 6010B
Arsenic	4.5 B	15	ug/L	SW846 6010B
Chloroform	0.45 J	1.0	ug/L	SW846 8260B
Methylene chloride	0.45 J	5.0	ug/L	SW846 8260B
Total Dissolved Solids	22000 J,Q	100	mg/L	MCAWW 160.1
OT32-SB10-15 07/19/07 09:10 011				
Diesel Range Organics (C10-C22	2.0 J,B	4.7	mg/kg	SW846 8015B
Gasoline Range Organics	0.42 J	1.4	mg/kg	SW846 8015B
Aluminum	11000	12	mg/kg	SW846 6010B
Arsenic	2.2 B	2.3	mg/kg	SW846 6010B
Barium	270	1.2	mg/kg	SW846 6010B
Beryllium	0.61	0.58	mg/kg	SW846 6010B
Calcium	47000 J,L	58	mg/kg	SW846 6010B
Cadmium	0.069 B	0.58	mg/kg	SW846 6010B
Cobalt	3.1	1.2	mg/kg	SW846 6010B
Chromium	12	1.8	mg/kg	SW846 6010B
Copper	5.0	2.3	mg/kg	SW846 6010B
Iron	9800	18	mg/kg	SW846 6010B
Potassium	3000	350	mg/kg	SW846 6010B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

D7G200178

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
OT32-SB10-15 07/19/07 09:10 011				
Magnesium	5600	23	mg/kg	SW846 6010B
Manganese	160	1.2	mg/kg	SW846 6010B
Sodium	1100 L	580	mg/kg	SW846 6010B
Nickel	8.3	4.7	mg/kg	SW846 6010B
Lead	7.5	0.93	mg/kg	SW846 6010B
Vanadium	20	2.3	mg/kg	SW846 6010B
Zinc	29 J	3.5	mg/kg	SW846 6010B
2-Butanone (MEK)	11 J,B	23	ug/kg	SW846 8260B
Percent Moisture	14	0.10	%	MCAWW 160.3 MOD
OT32-SB10-25 07/19/07 09:20 012				
Diesel Range Organics (C10-C22	1.9 J,B	4.7	mg/kg	SW846 8015B
Aluminum	8800	12	mg/kg	SW846 6010B
Arsenic	2.7	2.3	mg/kg	SW846 6010B
Barium	140	1.2	mg/kg	SW846 6010B
Beryllium	0.37 B	0.59	mg/kg	SW846 6010B
Calcium	160000	59	mg/kg	SW846 6010B
	Qualifiers: J,L			
Cadmium	0.12 B	0.59	mg/kg	SW846 6010B
Cobalt	3.6	1.2	mg/kg	SW846 6010B
Chromium	9.6	1.8	mg/kg	SW846 6010B
Copper	4.3	2.3	mg/kg	SW846 6010B
Iron	8800	18	mg/kg	SW846 6010B
Potassium	1900	350	mg/kg	SW846 6010B
Magnesium	6800	23	mg/kg	SW846 6010B
Manganese	150	1.2	mg/kg	SW846 6010B
Sodium	1700 L	590	mg/kg	SW846 6010B
Nickel	6.8	4.7	mg/kg	SW846 6010B
Lead	4.6	0.94	mg/kg	SW846 6010B
Vanadium	20	2.3	mg/kg	SW846 6010B
Zinc	18 J	3.5	mg/kg	SW846 6010B
2-Butanone (MEK)	9.5 J,B	20	ug/kg	SW846 8260B
Percent Moisture	15	0.10	%	MCAWW 160.3 MOD

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

D7G200178

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
OT32-SB09-15 07/19/07 10:30 013				
Diesel Range Organics (C10-C22	2.0 J,B	4.8	mg/kg	SW846 8015B
Gasoline Range Organics	0.42 J	1.4	mg/kg	SW846 8015B
Aluminum	6500	12	mg/kg	SW846 6010B
Arsenic	2.0 B	2.4	mg/kg	SW846 6010B
Barium	47	1.2	mg/kg	SW846 6010B
Beryllium	0.29 B	0.60	mg/kg	SW846 6010B
Calcium	190000	60	mg/kg	SW846 6010B
	Qualifiers: J,L			
Cadmium	0.078 B	0.60	mg/kg	SW846 6010B
Cobalt	2.2	1.2	mg/kg	SW846 6010B
Chromium	7.0	1.8	mg/kg	SW846 6010B
Copper	3.2	2.4	mg/kg	SW846 6010B
Iron	5800	18	mg/kg	SW846 6010B
Potassium	1600	360	mg/kg	SW846 6010B
Magnesium	3400	24	mg/kg	SW846 6010B
Manganese	120	1.2	mg/kg	SW846 6010B
Sodium	1100 L	600	mg/kg	SW846 6010B
Nickel	5.2	4.8	mg/kg	SW846 6010B
Lead	3.8	0.96	mg/kg	SW846 6010B
Vanadium	12	2.4	mg/kg	SW846 6010B
Zinc	16 J	3.6	mg/kg	SW846 6010B
2-Butanone (MEK)	11 J,B	24	ug/kg	SW846 8260B
1,1-Dichloroethene	1.2 J	6.0	ug/kg	SW846 8260B
Percent Moisture	17	0.10	%	MCAWW 160.3 MOD
OT32-SB09-25 07/19/07 10:40 014				
Diesel Range Organics (C10-C22	2.0 J,B	4.8	mg/kg	SW846 8015B
Aluminum	10000	12	mg/kg	SW846 6010B
Arsenic	2.9	2.4	mg/kg	SW846 6010B
Barium	120	1.2	mg/kg	SW846 6010B
Beryllium	0.51 B	0.61	mg/kg	SW846 6010B
Calcium	97000 J,L	61	mg/kg	SW846 6010B
Cadmium	0.10 B	0.61	mg/kg	SW846 6010B
Cobalt	3.1	1.2	mg/kg	SW846 6010B
Chromium	12	1.8	mg/kg	SW846 6010B
Copper	4.5	2.4	mg/kg	SW846 6010B
Iron	8400	18	mg/kg	SW846 6010B
Potassium	2100	360	mg/kg	SW846 6010B
Magnesium	5800	24	mg/kg	SW846 6010B
Manganese	170	1.2	mg/kg	SW846 6010B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

D7G200178

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
OT32-SB09-25 07/19/07 10:40 014				
Sodium	1100 L	610	mg/kg	SW846 6010B
Nickel	7.8	4.8	mg/kg	SW846 6010B
Lead	5.8	0.97	mg/kg	SW846 6010B
Vanadium	21	2.4	mg/kg	SW846 6010B
Zinc	22 J	3.6	mg/kg	SW846 6010B
2-Butanone (MEK)	10 J,B	23	ug/kg	SW846 8260B
Percent Moisture	17	0.10	%	MCAWW 160.3 MOD
TRIP BLANK-COOLER4 07/19/07 015				
Methylene chloride	0.50 J	5.0	ug/L	SW846 8260B
TRIP BLANK-COOLER5 07/19/07 016				
Methylene chloride	0.57 J	5.0	ug/L	SW846 8260B

METHODS SUMMARY

D7G200178

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Extractable Petroleum Hydrocarbons	SW846 8015B	SW846 3550B
Filterable Residue (TDS)	MCAWW 160.1	MCAWW 160.1
H-3 by Distillation & LSC	EPA 906.0 MOD	
Inductively Coupled Plasma (ICP) Metals	SW846 6010B	SW846 3010A
Inductively Coupled Plasma (ICP) Metals	SW846 6010B	SW846 3050B
Mercury in Liquid Waste (Manual Cold-Vapor)	SW846 7470A	SW846 7470A
Mercury in Solid Waste (Manual Cold-Vapor)	SW846 7471A	SW846 7471A
Percent Moisture	MCAWW 160.3 MOD	MCAWW 160.3 MOD
PCBs by SW-846 8082	SW846 8082	SW846 3510C
Semivolatile Organic Compounds by GC/MS	SW846 8270C	SW846 3520C
Semivolatile Organic Compounds by GC/MS	SW846 8270C	SW846 3550B
SW846 6860 Perchlorate	SW846 6860	SW846 6860
Volatile Organics by GC/MS	SW846 8260B	SW846 5030B/826
Volatile Organics by GC/MS	SW846 8260B	SW846 5035
Volatile Petroleum Hydrocarbons	SW846 8015B	SW846 5035

References:

EPA "EASTERN ENVIRONMENTAL RADIATION FACILITY RADIOCHEMISTRY PROCEDURES MANUAL" US EPA EPA 520/5-84-006 AUGUST 1984

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

METHOD / ANALYST SUMMARY

D7G200178

ANALYTICAL METHOD	ANALYST	ANALYST ID
EPA 906.0 MOD	Staci Epkins	402630
MCAWW 160.1	ReAnna Davis	002266
MCAWW 160.3 MOD	Christopher Grisdale	9582
SW846 6010B	Lynn-Anne Trudell	006645
SW846 6010B	Lynn-Anne Trudell	6645
SW846 6860	Tim O'Donnell	000443
SW846 7470A	David Wells	5099
SW846 7471A	David Wells	005099
SW846 8015B	Adam Pavlakovich	003128
SW846 8015B	Heather Dybas	038161
SW846 8082	Teresa L. Williams	002510
SW846 8260B	Dan Appelhans	001008
SW846 8260B	Greg Meier	006004
SW846 8270C	Daniel Kiekel	011370

References:

EPA "EASTERN ENVIRONMENTAL RADIATION FACILITY RADIOCHEMISTRY PROCEDURES MANUAL" US EPA EPA 520/5-84-006 AUGUST 1984

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

D7G200178

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J29DP	001	OT32-SB12-15	07/18/07	13:50
J29EC	002	OT32-SB12-25	07/18/07	14:15
J29ED	003	OT32-SB11-15	07/18/07	15:50
J29EE	004	OT32-SB11-25	07/18/07	16:00
J29EF	005	OT37-MW07	07/18/07	16:45
J29EH	006	OT37-MW07-A	07/18/07	16:45
J29EJ	007	TRIP BLANK-COOLER1	07/19/07	
J29EK	008	TRIP BLANK-COOLER2	07/19/07	
J29EL	009	TRIP BLANK-COOLER3	07/19/07	
J29EM	010	OT37-MW08	07/19/07	09:15
J29EW	011	OT32-SB10-15	07/19/07	09:10
J29E2	012	OT32-SB10-25	07/19/07	09:20
J29E4	013	OT32-SB09-15	07/19/07	10:30
J29E7	014	OT32-SB09-25	07/19/07	10:40
J29E8	015	TRIP BLANK-COOLER4	07/19/07	
J29FA	016	TRIP BLANK-COOLER5	07/19/07	

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

Bhate Environmental Associates

Client Sample ID: OT32-SB12-15

GC/MS Volatiles

Lot-Sample #...: D7G200178-001 **Work Order #...:** J29DP1A8 **Matrix.....:** SO
Date Sampled...: 07/18/07 13:50 **Date Received..:** 07/20/07
Prep Date.....: 07/20/07 **Analysis Date..:** 07/31/07
Prep Batch #...: 7213179 **Analysis Time..:** 11:33
Dilution Factor: 1.03

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	24	ug/kg	6.4
Benzene	ND	6.0	ug/kg	0.56
Bromodichloromethane	ND	6.0	ug/kg	0.26
Bromoform	ND	6.0	ug/kg	0.27
Bromomethane	ND	12	ug/kg	0.60
2-Butanone (MEK)	**12 J,B**	**24**	**ug/kg**	**2.2**
Carbon tetrachloride	ND	6.0	ug/kg	0.75
Chlorobenzene	ND	6.0	ug/kg	0.65
Chloroethane	ND	12	ug/kg	1.1
Chloroform	ND	12	ug/kg	0.35
Chloromethane	ND	12	ug/kg	0.92
Dibromomethane	ND	6.0	ug/kg	1.0
1,2-Dibromoethane (EDB)	ND	6.0	ug/kg	0.62
1,2-Dichlorobenzene	ND	6.0	ug/kg	0.54
1,3-Dichlorobenzene	ND	6.0	ug/kg	0.57
1,4-Dichlorobenzene	ND	6.0	ug/kg	0.93
Dichlorodifluoromethane	ND	12	ug/kg	0.62
1,1-Dichloroethane	ND	6.0	ug/kg	0.25
1,2-Dichloroethane	ND	6.0	ug/kg	0.84
1,1-Dichloroethene	ND	6.0	ug/kg	0.70
1,2-Dichloroethene (total)	ND	6.0	ug/kg	0.47
cis-1,2-Dichloroethene	ND	3.0	ug/kg	0.67
trans-1,2-Dichloroethene	ND	3.0	ug/kg	0.47
1,2-Dichloropropane	ND	6.0	ug/kg	0.66
cis-1,3-Dichloropropene	ND	6.0	ug/kg	1.5
trans-1,3-Dichloropropene	ND	6.0	ug/kg	0.80
Ethylbenzene	ND	6.0	ug/kg	0.80
2-Hexanone	ND	24	ug/kg	5.8
Methylene chloride	ND	6.0	ug/kg	0.90
4-Methyl-2-pentanone	ND	24	ug/kg	5.2
Styrene	ND	6.0	ug/kg	0.75
1,1,1,2-Tetrachloroethane	ND	6.0	ug/kg	0.67
1,1,2,2-Tetrachloroethane	ND	6.0	ug/kg	0.73
Tetrachloroethene	ND	6.0	ug/kg	0.70
Toluene	ND	6.0	ug/kg	0.82
1,2,4-Trichloro-benzene	ND	6.0	ug/kg	0.87

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Bhate Environmental Associates

Client Sample ID: OT32-SB12-15

GC/MS Volatiles

Lot-Sample #...: D7G200178-001 **Work Order #...:** J29DP1A8 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	6.0	ug/kg	0.62
1,1,2-Trichloroethane	ND	6.0	ug/kg	1.1
Trichloroethene	ND	6.0	ug/kg	0.27
Trichlorofluoromethane	ND	12	ug/kg	1.2
1,2,3-Trichloropropane	ND	6.0	ug/kg	0.97
Vinyl chloride	ND	6.0	ug/kg	1.6
Xylenes (total)	ND	6.0	ug/kg	0.73
n-Butylbenzene	ND	6.0	ug/kg	0.67
sec-Butylbenzene	ND	6.0	ug/kg	0.92
Isopropylbenzene	ND	6.0	ug/kg	0.70
1,2,4-Trimethylbenzene	ND	6.0	ug/kg	0.69
1,3,5-Trimethylbenzene	ND	6.0	ug/kg	0.68
n-Propylbenzene	ND	6.0	ug/kg	0.69
tert-Butylbenzene	ND	6.0	ug/kg	0.60
Dibromochloromethane	ND	6.0	ug/kg	0.68
2-Chlorotoluene	ND	6.0	ug/kg	0.61
4-Chlorotoluene	ND	6.0	ug/kg	0.93
1,2-Dibromo-3-chloropropane (DBCP)	ND	12	ug/kg	0.72
1,3-Dichloropropane	ND	6.0	ug/kg	0.61
2,2-Dichloropropane	ND	6.0	ug/kg	0.53
1,1-Dichloropropene	ND	6.0	ug/kg	0.65
Hexachlorobutadiene	ND	6.0	ug/kg	0.66
4-Isopropyltoluene	ND	6.0	ug/kg	0.59
Methyl tert-butyl ether	ND	24	ug/kg	0.41
1,2,3-Trichlorobenzene	ND	6.0	ug/kg	0.90
m-Xylene & p-Xylene	ND	3.0	ug/kg	1.2
o-Xylene	ND	3.0	ug/kg	0.73
Bromobenzene	ND	6.0	ug/kg	0.59
Bromochloromethane	ND	6.0	ug/kg	0.36
Naphthalene	ND	6.0	ug/kg	0.75

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	98	(75 - 121)
1,2-Dichloroethane-d4	79	(58 - 140)
4-Bromofluorobenzene	117	(76 - 127)
Toluene-d8	100	(80 - 126)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: OT32-SB12-25

GC/MS Volatiles

Lot-Sample #...: D7G200178-002 **Work Order #...:** J29EC1AK **Matrix.....:** SO
Date Sampled...: 07/18/07 14:15 **Date Received..:** 07/20/07
Prep Date.....: 07/20/07 **Analysis Date..:** 07/31/07
Prep Batch #...: 7213179 **Analysis Time..:** 11:57
Dilution Factor: 1.06

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	27	ug/kg	7.3
Benzene	ND	6.8	ug/kg	0.64
Bromodichloromethane	ND	6.8	ug/kg	0.30
Bromoform	ND	6.8	ug/kg	0.31
Bromomethane	ND	14	ug/kg	0.68
2-Butanone (MEK)	**13 J,B**	**27**	**ug/kg**	**2.5**
Carbon tetrachloride	ND	6.8	ug/kg	0.85
Chlorobenzene	ND	6.8	ug/kg	0.73
Chloroethane	ND	14	ug/kg	1.2
Chloroform	ND	14	ug/kg	0.39
Chloromethane	ND	14	ug/kg	1.0
Dibromomethane	ND	6.8	ug/kg	1.1
1,2-Dibromoethane (EDB)	ND	6.8	ug/kg	0.70
1,2-Dichlorobenzene	ND	6.8	ug/kg	0.61
1,3-Dichlorobenzene	ND	6.8	ug/kg	0.65
1,4-Dichlorobenzene	ND	6.8	ug/kg	1.1
Dichlorodifluoromethane	ND	14	ug/kg	0.70
1,1-Dichloroethane	ND	6.8	ug/kg	0.28
1,2-Dichloroethane	ND	6.8	ug/kg	0.95
1,1-Dichloroethene	ND	6.8	ug/kg	0.80
1,2-Dichloroethene (total)	ND	6.8	ug/kg	0.53
cis-1,2-Dichloroethene	ND	3.4	ug/kg	0.76
trans-1,2-Dichloroethene	ND	3.4	ug/kg	0.53
1,2-Dichloropropane	ND	6.8	ug/kg	0.74
cis-1,3-Dichloropropene	ND	6.8	ug/kg	1.7
trans-1,3-Dichloropropene	ND	6.8	ug/kg	0.91
Ethylbenzene	ND	6.8	ug/kg	0.91
2-Hexanone	ND	27	ug/kg	6.6
Methylene chloride	ND	6.8	ug/kg	1.0
4-Methyl-2-pentanone	ND	27	ug/kg	5.9
Styrene	ND	6.8	ug/kg	0.85
1,1,1,2-Tetrachloroethane	ND	6.8	ug/kg	0.76
1,1,2,2-Tetrachloroethane	ND	6.8	ug/kg	0.82
Tetrachloroethene	ND	6.8	ug/kg	0.80
Toluene	ND	6.8	ug/kg	0.93
1,2,4-Trichloro-benzene	ND	6.8	ug/kg	0.99

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Bhate Environmental Associates

Client Sample ID: OT32-SB12-25

GC/MS Volatiles

Lot-Sample #...: D7G200178-002 **Work Order #...:** J29EC1AK **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	6.8	ug/kg	0.70
1,1,2-Trichloroethane	ND	6.8	ug/kg	1.2
Trichloroethene	ND	6.8	ug/kg	0.31
Trichlorofluoromethane	ND	14	ug/kg	1.4
1,2,3-Trichloropropane	ND	6.8	ug/kg	1.1
Vinyl chloride	ND	6.8	ug/kg	1.8
Xylenes (total)	ND	6.8	ug/kg	0.82
n-Butylbenzene	ND	6.8	ug/kg	0.76
sec-Butylbenzene	ND	6.8	ug/kg	1.0
Isopropylbenzene	ND	6.8	ug/kg	0.80
1,2,4-Trimethylbenzene	ND	6.8	ug/kg	0.78
1,3,5-Trimethylbenzene	ND	6.8	ug/kg	0.77
n-Propylbenzene	ND	6.8	ug/kg	0.78
tert-Butylbenzene	ND	6.8	ug/kg	0.68
Dibromochloromethane	ND	6.8	ug/kg	0.77
2-Chlorotoluene	ND	6.8	ug/kg	0.69
4-Chlorotoluene	ND	6.8	ug/kg	1.1
1,2-Dibromo-3-chloropropane (DBCP)	ND	14	ug/kg	0.81
1,3-Dichloropropane	ND	6.8	ug/kg	0.69
2,2-Dichloropropane	ND	6.8	ug/kg	0.59
1,1-Dichloropropene	ND	6.8	ug/kg	0.73
Hexachlorobutadiene	ND	6.8	ug/kg	0.74
4-Isopropyltoluene	ND	6.8	ug/kg	0.66
Methyl tert-butyl ether	ND	27	ug/kg	0.46
1,2,3-Trichlorobenzene	ND	6.8	ug/kg	1.0
m-Xylene & p-Xylene	ND	3.4	ug/kg	1.4
o-Xylene	ND	3.4	ug/kg	0.82
Bromobenzene	ND	6.8	ug/kg	0.66
Bromochloromethane	ND	6.8	ug/kg	0.41
Naphthalene	ND	6.8	ug/kg	0.85

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	86	(75 - 121)
1,2-Dichloroethane-d4	69	(58 - 140)
4-Bromofluorobenzene	105	(76 - 127)
Toluene-d8	89	(80 - 126)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: OT32-SB11-15

GC/MS Volatiles

Lot-Sample #...: D7G200178-003 **Work Order #...:** J29ED1AK **Matrix.....:** SO
Date Sampled...: 07/18/07 15:50 **Date Received..:** 07/20/07
Prep Date.....: 07/20/07 **Analysis Date..:** 07/31/07
Prep Batch #...: 7213179 **Analysis Time..:** 12:20
Dilution Factor: 1.15

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	27	ug/kg	7.4
Benzene	ND	6.8	ug/kg	0.64
Bromodichloromethane	ND	6.8	ug/kg	0.30
Bromoform	ND	6.8	ug/kg	0.31
Bromomethane	ND	14	ug/kg	0.68
2-Butanone (MEK)	**13 J,B**	**27**	**ug/kg**	**2.5**
Carbon tetrachloride	ND	6.8	ug/kg	0.86
Chlorobenzene	ND	6.8	ug/kg	0.74
Chloroethane	ND	14	ug/kg	1.2
Chloroform	ND	14	ug/kg	0.40
Chloromethane	ND	14	ug/kg	1.1
Dibromomethane	ND	6.8	ug/kg	1.2
1,2-Dibromoethane (EDB)	ND	6.8	ug/kg	0.71
1,2-Dichlorobenzene	ND	6.8	ug/kg	0.62
1,3-Dichlorobenzene	ND	6.8	ug/kg	0.66
1,4-Dichlorobenzene	ND	6.8	ug/kg	1.1
Dichlorodifluoromethane	ND	14	ug/kg	0.71
1,1-Dichloroethane	ND	6.8	ug/kg	0.29
1,2-Dichloroethane	ND	6.8	ug/kg	0.96
1,1-Dichloroethene	ND	6.8	ug/kg	0.81
1,2-Dichloroethene (total)	ND	6.8	ug/kg	0.53
cis-1,2-Dichloroethene	ND	3.4	ug/kg	0.77
trans-1,2-Dichloroethene	ND	3.4	ug/kg	0.53
1,2-Dichloropropane	ND	6.8	ug/kg	0.75
cis-1,3-Dichloropropene	ND	6.8	ug/kg	1.8
trans-1,3-Dichloropropene	ND	6.8	ug/kg	0.92
Ethylbenzene	ND	6.8	ug/kg	0.92
2-Hexanone	ND	27	ug/kg	6.7
Methylene chloride	ND	6.8	ug/kg	1.0
4-Methyl-2-pentanone	ND	27	ug/kg	6.0
Styrene	ND	6.8	ug/kg	0.86
1,1,1,2-Tetrachloroethane	ND	6.8	ug/kg	0.77
1,1,2,2-Tetrachloroethane	ND	6.8	ug/kg	0.84
Tetrachloroethene	ND	6.8	ug/kg	0.81
Toluene	ND	6.8	ug/kg	0.94
1,2,4-Trichloro-benzene	ND	6.8	ug/kg	1.0

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Bhate Environmental Associates

Client Sample ID: OT32-SB11-15

GC/MS Volatiles

Lot-Sample #...: D7G200178-003 **Work Order #...:** J29ED1AK **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	6.8	ug/kg	0.71
1,1,2-Trichloroethane	ND	6.8	ug/kg	1.2
Trichloroethene	ND	6.8	ug/kg	0.31
Trichlorofluoromethane	ND	14	ug/kg	1.4
1,2,3-Trichloropropane	ND	6.8	ug/kg	1.1
Vinyl chloride	ND	6.8	ug/kg	1.8
Xylenes (total)	ND	6.8	ug/kg	0.84
n-Butylbenzene	ND	6.8	ug/kg	0.77
sec-Butylbenzene	ND	6.8	ug/kg	1.1
Isopropylbenzene	ND	6.8	ug/kg	0.81
1,2,4-Trimethylbenzene	ND	6.8	ug/kg	0.79
1,3,5-Trimethylbenzene	ND	6.8	ug/kg	0.78
n-Propylbenzene	ND	6.8	ug/kg	0.79
tert-Butylbenzene	ND	6.8	ug/kg	0.68
Dibromochloromethane	ND	6.8	ug/kg	0.78
2-Chlorotoluene	ND	6.8	ug/kg	0.70
4-Chlorotoluene	ND	6.8	ug/kg	1.1
1,2-Dibromo-3-chloropropane (DBCP)	ND	14	ug/kg	0.82
1,3-Dichloropropane	ND	6.8	ug/kg	0.70
2,2-Dichloropropane	ND	6.8	ug/kg	0.60
1,1-Dichloropropene	ND	6.8	ug/kg	0.74
Hexachlorobutadiene	ND	6.8	ug/kg	0.75
4-Isopropyltoluene	ND	6.8	ug/kg	0.67
Methyl tert-butyl ether	ND	27	ug/kg	0.47
1,2,3-Trichlorobenzene	ND	6.8	ug/kg	1.0
m-Xylene & p-Xylene	ND	3.4	ug/kg	1.4
o-Xylene	ND	3.4	ug/kg	0.84
Bromobenzene	ND	6.8	ug/kg	0.67
Bromochloromethane	ND	6.8	ug/kg	0.41
Naphthalene	ND	6.8	ug/kg	0.86

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	101	(75 - 121)
1,2-Dichloroethane-d4	82	(58 - 140)
4-Bromofluorobenzene	124	(76 - 127)
Toluene-d8	104	(80 - 126)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: OT32-SB11-25

GC/MS Volatiles

Lot-Sample #...: D7G200178-004 **Work Order #...:** J29EE1AK **Matrix.....:** SO
Date Sampled...: 07/18/07 16:00 **Date Received..:** 07/20/07
Prep Date.....: 07/20/07 **Analysis Date..:** 07/31/07
Prep Batch #...: 7213179 **Analysis Time..:** 12:44
Dilution Factor: 0.96

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	23	ug/kg	6.3
Benzene	ND	5.8	ug/kg	0.55
Bromodichloromethane	ND	5.8	ug/kg	0.26
Bromoform	ND	5.8	ug/kg	0.27
Bromomethane	ND	12	ug/kg	0.58
2-Butanone (MEK)	**11 J,B**	**23**	**ug/kg**	**2.1**
Carbon tetrachloride	ND	5.8	ug/kg	0.73
Chlorobenzene	ND	5.8	ug/kg	0.63
Chloroethane	ND	12	ug/kg	1.0
Chloroform	ND	12	ug/kg	0.34
Chloromethane	ND	12	ug/kg	0.90
Dibromomethane	ND	5.8	ug/kg	0.98
1,2-Dibromoethane (EDB)	ND	5.8	ug/kg	0.61
1,2-Dichlorobenzene	ND	5.8	ug/kg	0.52
1,3-Dichlorobenzene	ND	5.8	ug/kg	0.56
1,4-Dichlorobenzene	ND	5.8	ug/kg	0.91
Dichlorodifluoromethane	ND	12	ug/kg	0.61
1,1-Dichloroethane	ND	5.8	ug/kg	0.24
1,2-Dichloroethane	ND	5.8	ug/kg	0.82
1,1-Dichloroethene	ND	5.8	ug/kg	0.69
1,2-Dichloroethene (total)	ND	5.8	ug/kg	0.45
cis-1,2-Dichloroethene	ND	2.9	ug/kg	0.65
trans-1,2-Dichloroethene	ND	2.9	ug/kg	0.45
1,2-Dichloropropane	ND	5.8	ug/kg	0.64
cis-1,3-Dichloropropene	ND	5.8	ug/kg	1.5
trans-1,3-Dichloropropene	ND	5.8	ug/kg	0.78
Ethylbenzene	ND	5.8	ug/kg	0.78
2-Hexanone	ND	23	ug/kg	5.7
Methylene chloride	ND	5.8	ug/kg	0.87
4-Methyl-2-pentanone	ND	23	ug/kg	5.1
Styrene	ND	5.8	ug/kg	0.73
1,1,1,2-Tetrachloroethane	ND	5.8	ug/kg	0.65
1,1,2,2-Tetrachloroethane	ND	5.8	ug/kg	0.71
Tetrachloroethene	ND	5.8	ug/kg	0.69
Toluene	ND	5.8	ug/kg	0.80
1,2,4-Trichloro-benzene	ND	5.8	ug/kg	0.85

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Bhate Environmental Associates

Client Sample ID: OT32-SB11-25

GC/MS Volatiles

Lot-Sample #...: D7G200178-004 **Work Order #...:** J29EE1AK **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	5.8	ug/kg	0.61
1,1,2-Trichloroethane	ND	5.8	ug/kg	1.0
Trichloroethene	ND	5.8	ug/kg	0.27
Trichlorofluoromethane	ND	12	ug/kg	1.2
1,2,3-Trichloropropane	ND	5.8	ug/kg	0.94
Vinyl chloride	ND	5.8	ug/kg	1.6
Xylenes (total)	ND	5.8	ug/kg	0.71
n-Butylbenzene	ND	5.8	ug/kg	0.65
sec-Butylbenzene	ND	5.8	ug/kg	0.90
Isopropylbenzene	ND	5.8	ug/kg	0.69
1,2,4-Trimethylbenzene	ND	5.8	ug/kg	0.68
1,3,5-Trimethylbenzene	ND	5.8	ug/kg	0.66
n-Propylbenzene	ND	5.8	ug/kg	0.68
tert-Butylbenzene	ND	5.8	ug/kg	0.58
Dibromochloromethane	ND	5.8	ug/kg	0.66
2-Chlorotoluene	ND	5.8	ug/kg	0.59
4-Chlorotoluene	ND	5.8	ug/kg	0.91
1,2-Dibromo-3-chloropropane (DBCP)	ND	12	ug/kg	0.70
1,3-Dichloropropane	ND	5.8	ug/kg	0.59
2,2-Dichloropropane	ND	5.8	ug/kg	0.51
1,1-Dichloropropene	ND	5.8	ug/kg	0.63
Hexachlorobutadiene	ND	5.8	ug/kg	0.64
4-Isopropyltoluene	ND	5.8	ug/kg	0.57
Methyl tert-butyl ether	ND	23	ug/kg	0.40
1,2,3-Trichlorobenzene	ND	5.8	ug/kg	0.87
m-Xylene & p-Xylene	ND	2.9	ug/kg	1.2
o-Xylene	ND	2.9	ug/kg	0.71
Bromobenzene	ND	5.8	ug/kg	0.57
Bromochloromethane	ND	5.8	ug/kg	0.35
Naphthalene	ND	5.8	ug/kg	0.73

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	99	(75 - 121)
1,2-Dichloroethane-d4	79	(58 - 140)
4-Bromofluorobenzene	120	(76 - 127)
Toluene-d8	102	(80 - 126)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: OT37-MW07

GC/MS Volatiles

Lot-Sample #...: D7G200178-005 **Work Order #...:** J29EF1AP **Matrix.....:** WG
Date Sampled...: 07/18/07 16:45 **Date Received..:** 07/20/07
Prep Date.....: 07/30/07 **Analysis Date..:** 07/30/07
Prep Batch #...: 7213087 **Analysis Time..:** 18:37
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.9
Benzene	ND	1.0	ug/L	0.16
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	1.0	ug/L	0.19
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	ND	6.0	ug/L	1.8
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	**5.8**	**1.0**	**ug/L**	**0.16**
Chloromethane	ND	2.0	ug/L	0.30
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	1.0	ug/L	0.14
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	ND	5.0	ug/L	1.4
Methylene chloride	**0.56 J**	**5.0**	**ug/L**	**0.32**
4-Methyl-2-pentanone	ND	5.0	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.32

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Bhate Environmental Associates

Client Sample ID: OT37-MW07

GC/MS Volatiles

Lot-Sample #...: D7G200178-005 **Work Order #...:** J29EF1AP **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	ND	1.0	ug/L	0.17
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	103	(77 - 119)
1,2-Dichloroethane-d4	102	(70 - 127)
4-Bromofluorobenzene	93	(78 - 118)
Toluene-d8	92	(83 - 125)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: OT37-MW07-A

GC/MS Volatiles

Lot-Sample #...: D7G200178-006 **Work Order #...:** J29EH1AP **Matrix.....:** WG
Date Sampled...: 07/18/07 16:45 **Date Received..:** 07/20/07
Prep Date.....: 07/30/07 **Analysis Date..:** 07/30/07
Prep Batch #...: 7213087 **Analysis Time..:** 19:51
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.9
Benzene	ND	1.0	ug/L	0.16
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	1.0	ug/L	0.19
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	ND	6.0	ug/L	1.8
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	**5.5**	**1.0**	**ug/L**	**0.16**
Chloromethane	ND	2.0	ug/L	0.30
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	1.0	ug/L	0.14
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	ND	5.0	ug/L	1.4
Methylene chloride	**0.47 J**	**5.0**	**ug/L**	**0.32**
4-Methyl-2-pentanone	ND	5.0	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.32

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Bhate Environmental Associates

Client Sample ID: OT37-MW07-A

GC/MS Volatiles

Lot-Sample #...: D7G200178-006 **Work Order #...:** J29EH1AP **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	ND	1.0	ug/L	0.17
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	103	(77 - 119)
1,2-Dichloroethane-d4	102	(70 - 127)
4-Bromofluorobenzene	91	(78 - 118)
Toluene-d8	96	(83 - 125)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: TRIP BLANK-COOLER1

GC/MS Volatiles

Lot-Sample #...: D7G200178-007
Date Sampled...: 07/19/07
Prep Date.....: 07/30/07
Prep Batch #...: 7213087
Dilution Factor: 1

Work Order #...: J29EJ1AA
Date Received..: 07/20/07
Analysis Date..: 07/30/07
Analysis Time..: 20:09

Matrix.....: WQ

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.9
Benzene	ND	1.0	ug/L	0.16
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	1.0	ug/L	0.19
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	ND	6.0	ug/L	1.8
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	2.0	ug/L	0.30
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	1.0	ug/L	0.14
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	ND	5.0	ug/L	1.4
Methylene chloride	**0.45 J**	**5.0**	**ug/L**	**0.32**
4-Methyl-2-pentanone	ND	5.0	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.32

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Bhate Environmental Associates

Client Sample ID: TRIP BLANK-COOLER1

GC/MS Volatiles

Lot-Sample #...: D7G200178-007 **Work Order #...:** J29EJ1AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	ND	1.0	ug/L	0.17
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	100	(77 - 119)
1,2-Dichloroethane-d4	97	(70 - 127)
4-Bromofluorobenzene	96	(78 - 118)
Toluene-d8	96	(83 - 125)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: TRIP BLANK-COOLER2

GC/MS Volatiles

Lot-Sample #...: D7G200178-008 **Work Order #...:** J29EK1AA **Matrix.....:** WQ
Date Sampled...: 07/19/07 **Date Received..:** 07/20/07
Prep Date.....: 07/30/07 **Analysis Date..:** 07/30/07
Prep Batch #...: 7213087 **Analysis Time..:** 20:28
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.9
Benzene	ND	1.0	ug/L	0.16
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	1.0	ug/L	0.19
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	ND	6.0	ug/L	1.8
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	2.0	ug/L	0.30
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	1.0	ug/L	0.14
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	ND	5.0	ug/L	1.4
Methylene chloride	**0.55 J**	**5.0**	**ug/L**	**0.32**
4-Methyl-2-pentanone	ND	5.0	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.32

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Bhate Environmental Associates

Client Sample ID: TRIP BLANK-COOLER2

GC/MS Volatiles

Lot-Sample #...: D7G200178-008 **Work Order #...:** J29EK1AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	ND	1.0	ug/L	0.17
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	99	(77 - 119)
1,2-Dichloroethane-d4	92	(70 - 127)
4-Bromofluorobenzene	94	(78 - 118)
Toluene-d8	91	(83 - 125)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: TRIP BLANK-COOLER3

GC/MS Volatiles

Lot-Sample #...: D7G200178-009 **Work Order #...:** J29EL1AA **Matrix.....:** WQ
Date Sampled...: 07/19/07 **Date Received..:** 07/20/07
Prep Date.....: 07/30/07 **Analysis Date..:** 07/30/07
Prep Batch #...: 7213087 **Analysis Time..:** 20:46
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.9
Benzene	ND	1.0	ug/L	0.16
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	1.0	ug/L	0.19
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	ND	6.0	ug/L	1.8
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	2.0	ug/L	0.30
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	1.0	ug/L	0.14
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	ND	5.0	ug/L	1.4
Methylene chloride	**0.58 J**	**5.0**	**ug/L**	**0.32**
4-Methyl-2-pentanone	ND	5.0	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.32

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Bhate Environmental Associates

Client Sample ID: TRIP BLANK-COOLER3

GC/MS Volatiles

Lot-Sample #...: D7G200178-009 **Work Order #...:** J29EL1AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	ND	1.0	ug/L	0.17
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	98	(77 - 119)
1,2-Dichloroethane-d4	91	(70 - 127)
4-Bromofluorobenzene	94	(78 - 118)
Toluene-d8	98	(83 - 125)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: OT37-MW08

GC/MS Volatiles

Lot-Sample #...: D7G200178-010 **Work Order #...:** J29EM1AP **Matrix.....:** WG
Date Sampled...: 07/19/07 09:15 **Date Received..:** 07/20/07
Prep Date.....: 07/30/07 **Analysis Date..:** 07/30/07
Prep Batch #...: 7213087 **Analysis Time..:** 21:04
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.9
Benzene	ND	1.0	ug/L	0.16
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	1.0	ug/L	0.19
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	ND	6.0	ug/L	1.8
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	**0.45 J**	**1.0**	**ug/L**	**0.16**
Chloromethane	ND	2.0	ug/L	0.30
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	1.0	ug/L	0.14
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	ND	5.0	ug/L	1.4
Methylene chloride	**0.45 J**	**5.0**	**ug/L**	**0.32**
4-Methyl-2-pentanone	ND	5.0	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.32

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Bhate Environmental Associates

Client Sample ID: OT37-MW08

GC/MS Volatiles

Lot-Sample #...: D7G200178-010 **Work Order #...:** J29EM1AP **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	ND	1.0	ug/L	0.17
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	111	(77 - 119)
1,2-Dichloroethane-d4	109	(70 - 127)
4-Bromofluorobenzene	96	(78 - 118)
Toluene-d8	92	(83 - 125)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: OT32-SB10-15

GC/MS Volatiles

Lot-Sample #...: D7G200178-011 **Work Order #...:** J29EW1A7 **Matrix.....:** SO
Date Sampled...: 07/19/07 09:10 **Date Received..:** 07/20/07
Prep Date.....: 07/20/07 **Analysis Date..:** 07/31/07
Prep Batch #...: 7213179 **Analysis Time..:** 13:08
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	23	ug/kg	6.3
Benzene	ND	5.8	ug/kg	0.55
Bromodichloromethane	ND	5.8	ug/kg	0.26
Bromoform	ND	5.8	ug/kg	0.27
Bromomethane	ND	12	ug/kg	0.58
2-Butanone (MEK)	**11 J,B**	**23**	**ug/kg**	**2.1**
Carbon tetrachloride	ND	5.8	ug/kg	0.74
Chlorobenzene	ND	5.8	ug/kg	0.63
Chloroethane	ND	12	ug/kg	1.0
Chloroform	ND	12	ug/kg	0.34
Chloromethane	ND	12	ug/kg	0.90
Dibromomethane	ND	5.8	ug/kg	0.98
1,2-Dibromoethane (EDB)	ND	5.8	ug/kg	0.61
1,2-Dichlorobenzene	ND	5.8	ug/kg	0.53
1,3-Dichlorobenzene	ND	5.8	ug/kg	0.56
1,4-Dichlorobenzene	ND	5.8	ug/kg	0.91
Dichlorodifluoromethane	ND	12	ug/kg	0.61
1,1-Dichloroethane	ND	5.8	ug/kg	0.25
1,2-Dichloroethane	ND	5.8	ug/kg	0.82
1,1-Dichloroethene	ND	5.8	ug/kg	0.69
1,2-Dichloroethene (total)	ND	5.8	ug/kg	0.46
cis-1,2-Dichloroethene	ND	2.9	ug/kg	0.65
trans-1,2-Dichloroethene	ND	2.9	ug/kg	0.46
1,2-Dichloropropane	ND	5.8	ug/kg	0.64
cis-1,3-Dichloropropene	ND	5.8	ug/kg	1.5
trans-1,3-Dichloropropene	ND	5.8	ug/kg	0.78
Ethylbenzene	ND	5.8	ug/kg	0.78
2-Hexanone	ND	23	ug/kg	5.7
Methylene chloride	ND	5.8	ug/kg	0.88
4-Methyl-2-pentanone	ND	23	ug/kg	5.1
Styrene	ND	5.8	ug/kg	0.74
1,1,1,2-Tetrachloroethane	ND	5.8	ug/kg	0.65
1,1,2,2-Tetrachloroethane	ND	5.8	ug/kg	0.71
Tetrachloroethene	ND	5.8	ug/kg	0.69
Toluene	ND	5.8	ug/kg	0.81
1,2,4-Trichloro-benzene	ND	5.8	ug/kg	0.85

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Bhate Environmental Associates

Client Sample ID: OT32-SB10-15

GC/MS Volatiles

Lot-Sample #...: D7G200178-011 **Work Order #...:** J29EW1A7 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	5.8	ug/kg	0.61
1,1,2-Trichloroethane	ND	5.8	ug/kg	1.0
Trichloroethene	ND	5.8	ug/kg	0.27
Trichlorofluoromethane	ND	12	ug/kg	1.2
1,2,3-Trichloropropane	ND	5.8	ug/kg	0.95
Vinyl chloride	ND	5.8	ug/kg	1.6
Xylenes (total)	ND	5.8	ug/kg	0.71
n-Butylbenzene	ND	5.8	ug/kg	0.65
sec-Butylbenzene	ND	5.8	ug/kg	0.90
Isopropylbenzene	ND	5.8	ug/kg	0.69
1,2,4-Trimethylbenzene	ND	5.8	ug/kg	0.68
1,3,5-Trimethylbenzene	ND	5.8	ug/kg	0.67
n-Propylbenzene	ND	5.8	ug/kg	0.68
tert-Butylbenzene	ND	5.8	ug/kg	0.58
Dibromochloromethane	ND	5.8	ug/kg	0.67
2-Chlorotoluene	ND	5.8	ug/kg	0.60
4-Chlorotoluene	ND	5.8	ug/kg	0.91
1,2-Dibromo-3-chloropropane (DBCP)	ND	12	ug/kg	0.70
1,3-Dichloropropane	ND	5.8	ug/kg	0.60
2,2-Dichloropropane	ND	5.8	ug/kg	0.51
1,1-Dichloropropene	ND	5.8	ug/kg	0.63
Hexachlorobutadiene	ND	5.8	ug/kg	0.64
4-Isopropyltoluene	ND	5.8	ug/kg	0.57
Methyl tert-butyl ether	ND	23	ug/kg	0.40
1,2,3-Trichlorobenzene	ND	5.8	ug/kg	0.88
m-Xylene & p-Xylene	ND	2.9	ug/kg	1.2
o-Xylene	ND	2.9	ug/kg	0.71
Bromobenzene	ND	5.8	ug/kg	0.57
Bromochloromethane	ND	5.8	ug/kg	0.35
Naphthalene	ND	5.8	ug/kg	0.74

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	90	(75 - 121)
1,2-Dichloroethane-d4	72	(58 - 140)
4-Bromofluorobenzene	107	(76 - 127)
Toluene-d8	90	(80 - 126)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: OT32-SB10-25

GC/MS Volatiles

Lot-Sample #...: D7G200178-012 **Work Order #...:** J29E21AJ **Matrix.....:** SO
Date Sampled...: 07/19/07 09:20 **Date Received..:** 07/20/07
Prep Date.....: 07/20/07 **Analysis Date..:** 07/31/07
Prep Batch #...: 7213179 **Analysis Time..:** 13:32
Dilution Factor: 0.85

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	20	ug/kg	5.4
Benzene	ND	5.0	ug/kg	0.47
Bromodichloromethane	ND	5.0	ug/kg	0.22
Bromoform	ND	5.0	ug/kg	0.23
Bromomethane	ND	10	ug/kg	0.50
2-Butanone (MEK)	**9.5 J,B**	**20**	**ug/kg**	**1.8**
Carbon tetrachloride	ND	5.0	ug/kg	0.63
Chlorobenzene	ND	5.0	ug/kg	0.54
Chloroethane	ND	10	ug/kg	0.89
Chloroform	ND	10	ug/kg	0.29
Chloromethane	ND	10	ug/kg	0.77
Dibromomethane	ND	5.0	ug/kg	0.84
1,2-Dibromoethane (EDB)	ND	5.0	ug/kg	0.52
1,2-Dichlorobenzene	ND	5.0	ug/kg	0.45
1,3-Dichlorobenzene	ND	5.0	ug/kg	0.48
1,4-Dichlorobenzene	ND	5.0	ug/kg	0.78
Dichlorodifluoromethane	ND	10	ug/kg	0.52
1,1-Dichloroethane	ND	5.0	ug/kg	0.21
1,2-Dichloroethane	ND	5.0	ug/kg	0.70
1,1-Dichloroethene	ND	5.0	ug/kg	0.59
1,2-Dichloroethene (total)	ND	5.0	ug/kg	0.39
cis-1,2-Dichloroethene	ND	2.5	ug/kg	0.56
trans-1,2-Dichloroethene	ND	2.5	ug/kg	0.39
1,2-Dichloropropane	ND	5.0	ug/kg	0.55
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.3
trans-1,3-Dichloropropene	ND	5.0	ug/kg	0.67
Ethylbenzene	ND	5.0	ug/kg	0.67
2-Hexanone	ND	20	ug/kg	4.9
Methylene chloride	ND	5.0	ug/kg	0.75
4-Methyl-2-pentanone	ND	20	ug/kg	4.3
Styrene	ND	5.0	ug/kg	0.63
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	0.56
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	0.61
Tetrachloroethene	ND	5.0	ug/kg	0.59
Toluene	ND	5.0	ug/kg	0.69
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	0.73

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Bhate Environmental Associates

Client Sample ID: OT32-SB10-25

GC/MS Volatiles

Lot-Sample #...: D7G200178-012 **Work Order #...:** J29E21AJ **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	5.0	ug/kg	0.52
1,1,2-Trichloroethane	ND	5.0	ug/kg	0.88
Trichloroethene	ND	5.0	ug/kg	0.23
Trichlorofluoromethane	ND	10	ug/kg	1.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	0.81
Vinyl chloride	ND	5.0	ug/kg	1.3
Xylenes (total)	ND	5.0	ug/kg	0.61
n-Butylbenzene	ND	5.0	ug/kg	0.56
sec-Butylbenzene	ND	5.0	ug/kg	0.77
Isopropylbenzene	ND	5.0	ug/kg	0.59
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	0.58
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	0.57
n-Propylbenzene	ND	5.0	ug/kg	0.58
tert-Butylbenzene	ND	5.0	ug/kg	0.50
Dibromochloromethane	ND	5.0	ug/kg	0.57
2-Chlorotoluene	ND	5.0	ug/kg	0.51
4-Chlorotoluene	ND	5.0	ug/kg	0.78
1,2-Dibromo-3-chloropropane (DBCP)	ND	10	ug/kg	0.60
1,3-Dichloropropane	ND	5.0	ug/kg	0.51
2,2-Dichloropropane	ND	5.0	ug/kg	0.44
1,1-Dichloropropene	ND	5.0	ug/kg	0.54
Hexachlorobutadiene	ND	5.0	ug/kg	0.55
4-Isopropyltoluene	ND	5.0	ug/kg	0.49
Methyl tert-butyl ether	ND	20	ug/kg	0.34
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	0.75
m-Xylene & p-Xylene	ND	2.5	ug/kg	1.0
o-Xylene	ND	2.5	ug/kg	0.61
Bromobenzene	ND	5.0	ug/kg	0.49
Bromochloromethane	ND	5.0	ug/kg	0.30
Naphthalene	ND	5.0	ug/kg	0.63

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	98	(75 - 121)
1,2-Dichloroethane-d4	80	(58 - 140)
4-Bromofluorobenzene	117	(76 - 127)
Toluene-d8	99	(80 - 126)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: OT32-SB09-15

GC/MS Volatiles

Lot-Sample #...: D7G200178-013 **Work Order #...:** J29E41AU **Matrix.....:** SO
Date Sampled...: 07/19/07 10:30 **Date Received..:** 07/20/07
Prep Date.....: 07/20/07 **Analysis Date..:** 07/31/07
Prep Batch #...: 7213179 **Analysis Time..:** 13:56
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	24	ug/kg	6.5
Benzene	ND	6.0	ug/kg	0.57
Bromodichloromethane	ND	6.0	ug/kg	0.27
Bromoform	ND	6.0	ug/kg	0.28
Bromomethane	ND	12	ug/kg	0.60
2-Butanone (MEK)	**11 J,B**	**24**	**ug/kg**	**2.2**
Carbon tetrachloride	ND	6.0	ug/kg	0.76
Chlorobenzene	ND	6.0	ug/kg	0.65
Chloroethane	ND	12	ug/kg	1.1
Chloroform	ND	12	ug/kg	0.35
Chloromethane	ND	12	ug/kg	0.93
Dibromomethane	ND	6.0	ug/kg	1.0
1,2-Dibromoethane (EDB)	ND	6.0	ug/kg	0.63
1,2-Dichlorobenzene	ND	6.0	ug/kg	0.54
1,3-Dichlorobenzene	ND	6.0	ug/kg	0.58
1,4-Dichlorobenzene	ND	6.0	ug/kg	0.94
Dichlorodifluoromethane	ND	12	ug/kg	0.63
1,1-Dichloroethane	ND	6.0	ug/kg	0.25
1,2-Dichloroethane	ND	6.0	ug/kg	0.84
1,1-Dichloroethene	**1.2 J**	**6.0**	**ug/kg**	**0.71**
1,2-Dichloroethene (total)	ND	6.0	ug/kg	0.47
cis-1,2-Dichloroethene	ND	3.0	ug/kg	0.67
trans-1,2-Dichloroethene	ND	3.0	ug/kg	0.47
1,2-Dichloropropane	ND	6.0	ug/kg	0.66
cis-1,3-Dichloropropene	ND	6.0	ug/kg	1.6
trans-1,3-Dichloropropene	ND	6.0	ug/kg	0.81
Ethylbenzene	ND	6.0	ug/kg	0.81
2-Hexanone	ND	24	ug/kg	5.9
Methylene chloride	ND	6.0	ug/kg	0.90
4-Methyl-2-pentanone	ND	24	ug/kg	5.3
Styrene	ND	6.0	ug/kg	0.76
1,1,1,2-Tetrachloroethane	ND	6.0	ug/kg	0.67
1,1,2,2-Tetrachloroethane	ND	6.0	ug/kg	0.73
Tetrachloroethene	ND	6.0	ug/kg	0.71
Toluene	ND	6.0	ug/kg	0.83
1,2,4-Trichloro-benzene	ND	6.0	ug/kg	0.88

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Bhate Environmental Associates

Client Sample ID: OT32-SB09-15

GC/MS Volatiles

Lot-Sample #...: D7G200178-013 **Work Order #...:** J29E41AU **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	6.0	ug/kg	0.63
1,1,2-Trichloroethane	ND	6.0	ug/kg	1.1
Trichloroethene	ND	6.0	ug/kg	0.28
Trichlorofluoromethane	ND	12	ug/kg	1.3
1,2,3-Trichloropropane	ND	6.0	ug/kg	0.98
Vinyl chloride	ND	6.0	ug/kg	1.6
Xylenes (total)	ND	6.0	ug/kg	0.73
n-Butylbenzene	ND	6.0	ug/kg	0.67
sec-Butylbenzene	ND	6.0	ug/kg	0.93
Isopropylbenzene	ND	6.0	ug/kg	0.71
1,2,4-Trimethylbenzene	ND	6.0	ug/kg	0.70
1,3,5-Trimethylbenzene	ND	6.0	ug/kg	0.69
n-Propylbenzene	ND	6.0	ug/kg	0.70
tert-Butylbenzene	ND	6.0	ug/kg	0.60
Dibromochloromethane	ND	6.0	ug/kg	0.69
2-Chlorotoluene	ND	6.0	ug/kg	0.61
4-Chlorotoluene	ND	6.0	ug/kg	0.94
1,2-Dibromo-3-chloropropane (DBCP)	ND	12	ug/kg	0.72
1,3-Dichloropropane	ND	6.0	ug/kg	0.61
2,2-Dichloropropane	ND	6.0	ug/kg	0.53
1,1-Dichloropropene	ND	6.0	ug/kg	0.65
Hexachlorobutadiene	ND	6.0	ug/kg	0.66
4-Isopropyltoluene	ND	6.0	ug/kg	0.59
Methyl tert-butyl ether	ND	24	ug/kg	0.41
1,2,3-Trichlorobenzene	ND	6.0	ug/kg	0.90
m-Xylene & p-Xylene	ND	3.0	ug/kg	1.3
o-Xylene	ND	3.0	ug/kg	0.73
Bromobenzene	ND	6.0	ug/kg	0.59
Bromochloromethane	ND	6.0	ug/kg	0.36
Naphthalene	ND	6.0	ug/kg	0.76

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	101	(75 - 121)
1,2-Dichloroethane-d4	81	(58 - 140)
4-Bromofluorobenzene	120	(76 - 127)
Toluene-d8	100	(80 - 126)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: OT32-SB09-25

GC/MS Volatiles

Lot-Sample #...: D7G200178-014 **Work Order #...:** J29E71A5 **Matrix.....:** SO
Date Sampled...: 07/19/07 10:40 **Date Received..:** 07/20/07
Prep Date.....: 07/20/07 **Analysis Date..:** 07/31/07
Prep Batch #...: 7213179 **Analysis Time..:** 14:19
Dilution Factor: 0.93

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	23	ug/kg	6.1
Benzene	ND	5.6	ug/kg	0.53
Bromodichloromethane	ND	5.6	ug/kg	0.25
Bromoform	ND	5.6	ug/kg	0.26
Bromomethane	ND	11	ug/kg	0.56
2-Butanone (MEK)	**10 J,B**	**23**	**ug/kg**	**2.1**
Carbon tetrachloride	ND	5.6	ug/kg	0.71
Chlorobenzene	ND	5.6	ug/kg	0.61
Chloroethane	ND	11	ug/kg	1.0
Chloroform	ND	11	ug/kg	0.33
Chloromethane	ND	11	ug/kg	0.87
Dibromomethane	ND	5.6	ug/kg	0.95
1,2-Dibromoethane (EDB)	ND	5.6	ug/kg	0.59
1,2-Dichlorobenzene	ND	5.6	ug/kg	0.51
1,3-Dichlorobenzene	ND	5.6	ug/kg	0.54
1,4-Dichlorobenzene	ND	5.6	ug/kg	0.88
Dichlorodifluoromethane	ND	11	ug/kg	0.59
1,1-Dichloroethane	ND	5.6	ug/kg	0.24
1,2-Dichloroethane	ND	5.6	ug/kg	0.79
1,1-Dichloroethene	ND	5.6	ug/kg	0.66
1,2-Dichloroethene (total)	ND	5.6	ug/kg	0.44
cis-1,2-Dichloroethene	ND	2.8	ug/kg	0.63
trans-1,2-Dichloroethene	ND	2.8	ug/kg	0.44
1,2-Dichloropropane	ND	5.6	ug/kg	0.62
cis-1,3-Dichloropropene	ND	5.6	ug/kg	1.5
trans-1,3-Dichloropropene	ND	5.6	ug/kg	0.75
Ethylbenzene	ND	5.6	ug/kg	0.75
2-Hexanone	ND	23	ug/kg	5.5
Methylene chloride	ND	5.6	ug/kg	0.84
4-Methyl-2-pentanone	ND	23	ug/kg	4.9
Styrene	ND	5.6	ug/kg	0.71
1,1,1,2-Tetrachloroethane	ND	5.6	ug/kg	0.63
1,1,2,2-Tetrachloroethane	ND	5.6	ug/kg	0.69
Tetrachloroethene	ND	5.6	ug/kg	0.66
Toluene	ND	5.6	ug/kg	0.78
1,2,4-Trichloro-benzene	ND	5.6	ug/kg	0.82

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Bhate Environmental Associates

Client Sample ID: OT32-SB09-25

GC/MS Volatiles

Lot-Sample #...: D7G200178-014 **Work Order #...:** J29E71A5 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	5.6	ug/kg	0.59
1,1,2-Trichloroethane	ND	5.6	ug/kg	0.99
Trichloroethene	ND	5.6	ug/kg	0.26
Trichlorofluoromethane	ND	11	ug/kg	1.2
1,2,3-Trichloropropane	ND	5.6	ug/kg	0.91
Vinyl chloride	ND	5.6	ug/kg	1.5
Xylenes (total)	ND	5.6	ug/kg	0.69
n-Butylbenzene	ND	5.6	ug/kg	0.63
sec-Butylbenzene	ND	5.6	ug/kg	0.87
Isopropylbenzene	ND	5.6	ug/kg	0.66
1,2,4-Trimethylbenzene	ND	5.6	ug/kg	0.65
1,3,5-Trimethylbenzene	ND	5.6	ug/kg	0.64
n-Propylbenzene	ND	5.6	ug/kg	0.65
tert-Butylbenzene	ND	5.6	ug/kg	0.56
Dibromochloromethane	ND	5.6	ug/kg	0.64
2-Chlorotoluene	ND	5.6	ug/kg	0.57
4-Chlorotoluene	ND	5.6	ug/kg	0.88
1,2-Dibromo-3-chloropropane (DBCP)	ND	11	ug/kg	0.68
1,3-Dichloropropane	ND	5.6	ug/kg	0.57
2,2-Dichloropropane	ND	5.6	ug/kg	0.50
1,1-Dichloropropene	ND	5.6	ug/kg	0.61
Hexachlorobutadiene	ND	5.6	ug/kg	0.62
4-Isopropyltoluene	ND	5.6	ug/kg	0.55
Methyl tert-butyl ether	ND	23	ug/kg	0.38
1,2,3-Trichlorobenzene	ND	5.6	ug/kg	0.84
m-Xylene & p-Xylene	ND	2.8	ug/kg	1.2
o-Xylene	ND	2.8	ug/kg	0.69
Bromobenzene	ND	5.6	ug/kg	0.55
Bromochloromethane	ND	5.6	ug/kg	0.34
Naphthalene	ND	5.6	ug/kg	0.71

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	99	(75 - 121)
1,2-Dichloroethane-d4	80	(58 - 140)
4-Bromofluorobenzene	118	(76 - 127)
Toluene-d8	101	(80 - 126)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: TRIP BLANK-COOLER4

GC/MS Volatiles

Lot-Sample #...: D7G200178-015 **Work Order #...:** J29E81AA **Matrix.....:** WQ
Date Sampled...: 07/19/07 **Date Received..:** 07/20/07
Prep Date.....: 07/30/07 **Analysis Date..:** 07/30/07
Prep Batch #...: 7213087 **Analysis Time..:** 21:23
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.9
Benzene	ND	1.0	ug/L	0.16
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	1.0	ug/L	0.19
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	ND	6.0	ug/L	1.8
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	2.0	ug/L	0.30
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	1.0	ug/L	0.14
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	ND	5.0	ug/L	1.4
Methylene chloride	**0.50 J**	**5.0**	**ug/L**	**0.32**
4-Methyl-2-pentanone	ND	5.0	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.32

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Bhate Environmental Associates

Client Sample ID: TRIP BLANK-COOLER4

GC/MS Volatiles

Lot-Sample #...: D7G200178-015 **Work Order #...:** J29E81AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	ND	1.0	ug/L	0.17
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	100	(77 - 119)
1,2-Dichloroethane-d4	93	(70 - 127)
4-Bromofluorobenzene	99	(78 - 118)
Toluene-d8	98	(83 - 125)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: TRIP BLANK-COOLER5

GC/MS Volatiles

Lot-Sample #...: D7G200178-016 **Work Order #...:** J29FA1AA **Matrix.....:** WQ
Date Sampled...: 07/19/07 **Date Received..:** 07/20/07
Prep Date.....: 07/30/07 **Analysis Date..:** 07/30/07
Prep Batch #...: 7213087 **Analysis Time..:** 21:41
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.9
Benzene	ND	1.0	ug/L	0.16
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	1.0	ug/L	0.19
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	ND	6.0	ug/L	1.8
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	2.0	ug/L	0.30
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	1.0	ug/L	0.14
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	ND	5.0	ug/L	1.4
Methylene chloride	**0.57 J**	**5.0**	**ug/L**	**0.32**
4-Methyl-2-pentanone	ND	5.0	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.32

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Bhate Environmental Associates

Client Sample ID: TRIP BLANK-COOLER5

GC/MS Volatiles

Lot-Sample #...: D7G200178-016 **Work Order #...:** J29FA1AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	ND	1.0	ug/L	0.17
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	101	(77 - 119)
1,2-Dichloroethane-d4	93	(70 - 127)
4-Bromofluorobenzene	90	(78 - 118)
Toluene-d8	98	(83 - 125)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: OT32-SB12-15

GC/MS Semivolatiles

Lot-Sample #...: D7G200178-001 **Work Order #...:** J29DP1AE **Matrix.....:** SO
Date Sampled...: 07/18/07 13:50 **Date Received..:** 07/20/07
Prep Date.....: 07/23/07 **Analysis Date..:** 07/26/07
Prep Batch #...: 7204311 **Analysis Time..:** 10:06
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	380	ug/kg	12
Acenaphthylene	ND	380	ug/kg	20
Acetophenone	ND	380	ug/kg	23
Anthracene	ND	380	ug/kg	20
Benzo(a)anthracene	ND	770	ug/kg	23
Benzo(b)fluoranthene	ND	770	ug/kg	30
Benzo(k)fluoranthene	ND	770	ug/kg	46
Benzo(ghi)perylene	ND	770	ug/kg	19
Benzo(a)pyrene	ND	770	ug/kg	23
bis(2-Chloroethoxy) methane	ND	380	ug/kg	27
bis(2-Chloroethyl)-ether	ND	770	ug/kg	19
bis(2-Ethylhexyl) phthalate	ND	770	ug/kg	53
4-Bromophenyl phenyl ether	ND	770	ug/kg	22
Butyl benzyl phthalate	ND	770	ug/kg	50
4-Chloroaniline	ND	1500	ug/kg	24
4-Chloro-3-methylphenol	ND	1500	ug/kg	28
2-Chloronaphthalene	ND	380	ug/kg	12
2-Chlorophenol	ND	770	ug/kg	24
4-Chlorophenyl phenyl ether	ND	770	ug/kg	24
Chrysene	ND	770	ug/kg	31
Dibenz(a,h)anthracene	ND	770	ug/kg	22
Dibenzofuran	ND	770	ug/kg	23
Di-n-butyl phthalate	ND	770	ug/kg	34
3,3'-Dichlorobenzidine	ND	1500	ug/kg	58
2,4-Dichlorophenol	ND	770	ug/kg	12
Diethyl phthalate	ND	770	ug/kg	30
2,4-Dimethylphenol	ND	770	ug/kg	30
Dimethyl phthalate	ND	770	ug/kg	27
4,6-Dinitro-2-methylphenol	ND	3800	ug/kg	58
2,4-Dinitrophenol	ND	3800	ug/kg	58
2,4-Dinitrotoluene	ND	770	ug/kg	27
2,6-Dinitrotoluene	ND	770	ug/kg	32

(Continued on next page)

Bhate Environmental Associates

Client Sample ID: OT32-SB12-15

GC/MS Semivolatiles

Lot-Sample #...: D7G200178-001 **Work Order #...:** J29DP1AE **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	770	ug/kg	17
Fluoranthene	ND	770	ug/kg	42
Fluorene	ND	770	ug/kg	21
Hexachlorobenzene	ND	770	ug/kg	34
Hexachlorocyclopenta-diene	ND	770	ug/kg	58
Hexachloroethane	ND	770	ug/kg	25
Indeno(1,2,3-cd)pyrene	ND	770	ug/kg	26
2-Methylnaphthalene	ND	770	ug/kg	22
2-Methylphenol	ND	770	ug/kg	15
Naphthalene	ND	770	ug/kg	36
2-Nitroaniline	ND	3800	ug/kg	58
3-Nitroaniline	ND	3800	ug/kg	58
4-Nitroaniline	ND	3800	ug/kg	84
Nitrobenzene	ND	770	ug/kg	26
2-Nitrophenol	ND	770	ug/kg	12
4-Nitrophenol	ND	3800	ug/kg	50
N-Nitrosodiphenylamine	ND	770	ug/kg	24
N-Nitrosodi-n-propyl-amine	ND	770	ug/kg	36
Pentachlorophenol	ND	3800	ug/kg	130
Phenanthrene	ND	770	ug/kg	20
Phenol	ND	770	ug/kg	21
Pyrene	ND	770	ug/kg	14
2,4,5-Trichloro-phenol	ND	770	ug/kg	12
2,4,6-Trichloro-phenol	ND	770	ug/kg	12
bis(2-Chloroisopropyl) ether	ND	770	ug/kg	27
4-Methylphenol	ND	770	ug/kg	12
Hexachlorobutadiene	ND	770	ug/kg	12
Caprolactam	ND	1900	ug/kg	120
Atrazine	ND	380	ug/kg	43
Carbazole	ND	380	ug/kg	42

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	59	(53 - 120)
Phenol-d5	58	(52 - 120)
Nitrobenzene-d5	56	(50 - 120)
2-Fluorobiphenyl	58	(50 - 120)
2,4,6-Tribromophenol	68	(51 - 120)
Terphenyl-d14	77	(55 - 120)

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Bhate Environmental Associates

Client Sample ID: OT32-SB12-15

GC/MS Semivolatiles

Lot-Sample #...: D7G200178-001 **Work Order #...:** J29DP1AE **Matrix.....:** SO

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: OT32-SB12-25

GC/MS Semivolatiles

Lot-Sample #...: D7G200178-002 **Work Order #...:** J29EC1AQ **Matrix.....:** SO
Date Sampled...: 07/18/07 14:15 **Date Received..:** 07/20/07
Prep Date.....: 07/23/07 **Analysis Date..:** 07/26/07
Prep Batch #...: 7204311 **Analysis Time..:** 11:10
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	420	ug/kg	13
Acenaphthylene	ND	420	ug/kg	22
Acetophenone	ND	420	ug/kg	26
Anthracene	ND	420	ug/kg	22
Benzo(a)anthracene	ND	840	ug/kg	26
Benzo(b)fluoranthene	ND	840	ug/kg	33
Benzo(k)fluoranthene	ND	840	ug/kg	51
Benzo(ghi)perylene	ND	840	ug/kg	20
Benzo(a)pyrene	ND	840	ug/kg	26
bis(2-Chloroethoxy) methane	ND	420	ug/kg	29
bis(2-Chloroethyl)-ether	ND	840	ug/kg	21
bis(2-Ethylhexyl) phthalate	ND	840	ug/kg	59
4-Bromophenyl phenyl ether	ND	840	ug/kg	24
Butyl benzyl phthalate	ND	840	ug/kg	55
4-Chloroaniline	ND	1700	ug/kg	27
4-Chloro-3-methylphenol	ND	1700	ug/kg	31
2-Chloronaphthalene	ND	420	ug/kg	13
2-Chlorophenol	ND	840	ug/kg	27
4-Chlorophenyl phenyl ether	ND	840	ug/kg	27
Chrysene	ND	840	ug/kg	34
Dibenz(a,h)anthracene	ND	840	ug/kg	24
Dibenzofuran	**44 J**	**840**	**ug/kg**	**26**
Di-n-butyl phthalate	ND	840	ug/kg	37
3,3'-Dichlorobenzidine	ND	1700	ug/kg	64
2,4-Dichlorophenol	ND	840	ug/kg	13
Diethyl phthalate	ND	840	ug/kg	33
2,4-Dimethylphenol	ND	840	ug/kg	33
Dimethyl phthalate	ND	840	ug/kg	29
4,6-Dinitro-2-methylphenol	ND	4200	ug/kg	64
2,4-Dinitrophenol	ND	4200	ug/kg	64
2,4-Dinitrotoluene	ND	840	ug/kg	29
2,6-Dinitrotoluene	ND	840	ug/kg	36

(Continued on next page)

Bhate Environmental Associates

Client Sample ID: OT32-SB12-25

GC/MS Semivolatiles

Lot-Sample #...: D7G200178-002 **Work Order #...:** J29EC1AQ **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	840	ug/kg	18
Fluoranthene	ND	840	ug/kg	46
Fluorene	ND	840	ug/kg	23
Hexachlorobenzene	ND	840	ug/kg	37
Hexachlorocyclopenta-diene	ND	840	ug/kg	64
Hexachloroethane	ND	840	ug/kg	27
Indeno(1,2,3-cd)pyrene	ND	840	ug/kg	28
2-Methylnaphthalene	ND	840	ug/kg	24
2-Methylphenol	ND	840	ug/kg	17
Naphthalene	ND	840	ug/kg	40
2-Nitroaniline	ND	4200	ug/kg	64
3-Nitroaniline	ND	4200	ug/kg	64
4-Nitroaniline	ND	4200	ug/kg	92
Nitrobenzene	ND	840	ug/kg	28
2-Nitrophenol	ND	840	ug/kg	13
4-Nitrophenol	ND	4200	ug/kg	55
N-Nitrosodiphenylamine	ND	840	ug/kg	27
N-Nitrosodi-n-propyl-amine	ND	840	ug/kg	40
Pentachlorophenol	ND	4200	ug/kg	140
Phenanthrene	ND	840	ug/kg	22
Phenol	ND	840	ug/kg	23
Pyrene	ND	840	ug/kg	15
2,4,5-Trichloro-phenol	ND	840	ug/kg	13
2,4,6-Trichloro-phenol	ND	840	ug/kg	13
bis(2-Chloroisopropyl) ether	ND	840	ug/kg	29
4-Methylphenol	ND	840	ug/kg	13
Hexachlorobutadiene	ND	840	ug/kg	13
Caprolactam	ND	2000	ug/kg	140
Atrazine	ND	420	ug/kg	47
Carbazole	ND	420	ug/kg	46

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	57	(53 - 120)
Phenol-d5	57	(52 - 120)
Nitrobenzene-d5	53	(50 - 120)
2-Fluorobiphenyl	57	(50 - 120)
2,4,6-Tribromophenol	57	(51 - 120)
Terphenyl-d14	70	(55 - 120)

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Bhate Environmental Associates

Client Sample ID: OT32-SB12-25

GC/MS Semivolatiles

Lot-Sample #...: D7G200178-002 **Work Order #...:** J29EC1AQ **Matrix.....:** SO

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: OT32-SB11-15

GC/MS Semivolatiles

Lot-Sample #...: D7G200178-003 **Work Order #...:** J29ED1AQ **Matrix.....:** SO
Date Sampled...: 07/18/07 15:50 **Date Received..:** 07/20/07
Prep Date.....: 07/23/07 **Analysis Date..:** 07/26/07
Prep Batch #...: 7204311 **Analysis Time..:** 11:31
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	390	ug/kg	12
Acenaphthylene	ND	390	ug/kg	20
Acetophenone	ND	390	ug/kg	24
Anthracene	ND	390	ug/kg	20
Benzo(a)anthracene	ND	790	ug/kg	24
Benzo(b)fluoranthene	ND	790	ug/kg	31
Benzo(k)fluoranthene	ND	790	ug/kg	48
Benzo(ghi)perylene	ND	790	ug/kg	19
Benzo(a)pyrene	ND	790	ug/kg	24
bis(2-Chloroethoxy) methane	ND	390	ug/kg	27
bis(2-Chloroethyl)-ether	ND	790	ug/kg	20
bis(2-Ethylhexyl) phthalate	ND	790	ug/kg	55
4-Bromophenyl phenyl ether	ND	790	ug/kg	23
Butyl benzyl phthalate	ND	790	ug/kg	51
4-Chloroaniline	ND	1500	ug/kg	25
4-Chloro-3-methylphenol	ND	1500	ug/kg	29
2-Chloronaphthalene	ND	390	ug/kg	12
2-Chlorophenol	ND	790	ug/kg	25
4-Chlorophenyl phenyl ether	ND	790	ug/kg	25
Chrysene	ND	790	ug/kg	32
Dibenz(a,h)anthracene	ND	790	ug/kg	23
Dibenzofuran	ND	790	ug/kg	24
Di-n-butyl phthalate	ND	790	ug/kg	35
3,3'-Dichlorobenzidine	ND	1500	ug/kg	60
2,4-Dichlorophenol	ND	790	ug/kg	12
Diethyl phthalate	ND	790	ug/kg	31
2,4-Dimethylphenol	ND	790	ug/kg	31
Dimethyl phthalate	ND	790	ug/kg	27
4,6-Dinitro-2-methylphenol	ND	3900	ug/kg	60
2,4-Dinitrophenol	ND	3900	ug/kg	60
2,4-Dinitrotoluene	ND	790	ug/kg	27
2,6-Dinitrotoluene	ND	790	ug/kg	33

(Continued on next page)

Bhate Environmental Associates

Client Sample ID: OT32-SB11-15

GC/MS Semivolatiles

Lot-Sample #...: D7G200178-003 **Work Order #...:** J29ED1AQ **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	790	ug/kg	17
Fluoranthene	ND	790	ug/kg	43
Fluorene	ND	790	ug/kg	21
Hexachlorobenzene	ND	790	ug/kg	35
Hexachlorocyclopenta-diene	ND	790	ug/kg	60
Hexachloroethane	ND	790	ug/kg	25
Indeno(1,2,3-cd)pyrene	ND	790	ug/kg	26
2-Methylnaphthalene	ND	790	ug/kg	23
2-Methylphenol	ND	790	ug/kg	15
Naphthalene	ND	790	ug/kg	37
2-Nitroaniline	ND	3900	ug/kg	60
3-Nitroaniline	ND	3900	ug/kg	60
4-Nitroaniline	ND	3900	ug/kg	86
Nitrobenzene	ND	790	ug/kg	26
2-Nitrophenol	ND	790	ug/kg	12
4-Nitrophenol	ND	3900	ug/kg	51
N-Nitrosodiphenylamine	ND	790	ug/kg	25
N-Nitrosodi-n-propyl-amine	ND	790	ug/kg	37
Pentachlorophenol	ND	3900	ug/kg	130
Phenanthrene	ND	790	ug/kg	20
Phenol	ND	790	ug/kg	21
Pyrene	ND	790	ug/kg	14
2,4,5-Trichloro-phenol	ND	790	ug/kg	12
2,4,6-Trichloro-phenol	ND	790	ug/kg	12
bis(2-Chloroisopropyl) ether	ND	790	ug/kg	27
4-Methylphenol	ND	790	ug/kg	12
Hexachlorobutadiene	ND	790	ug/kg	12
Caprolactam	ND	1900	ug/kg	130
Atrazine	ND	390	ug/kg	44
Carbazole	ND	390	ug/kg	43

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	56	(53 - 120)
Phenol-d5	56	(52 - 120)
Nitrobenzene-d5	53	(50 - 120)
2-Fluorobiphenyl	56	(50 - 120)
2,4,6-Tribromophenol	62	(51 - 120)
Terphenyl-d14	76	(55 - 120)

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Bhate Environmental Associates

Client Sample ID: OT32-SB11-15

GC/MS Semivolatiles

Lot-Sample #...: D7G200178-003 **Work Order #...:** J29ED1AQ **Matrix.....:** SO

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: OT32-SB11-25

GC/MS Semivolatiles

Lot-Sample #...: D7G200178-004 **Work Order #...:** J29EE1AQ **Matrix.....:** SO
Date Sampled...: 07/18/07 16:00 **Date Received..:** 07/20/07
Prep Date.....: 07/23/07 **Analysis Date..:** 07/26/07
Prep Batch #...: 7204311 **Analysis Time..:** 11:52
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	400	ug/kg	13
Acenaphthylene	ND	400	ug/kg	21
Acetophenone	ND	400	ug/kg	24
Anthracene	ND	400	ug/kg	21
Benzo(a)anthracene	ND	800	ug/kg	24
Benzo(b)fluoranthene	ND	800	ug/kg	32
Benzo(k)fluoranthene	ND	800	ug/kg	49
Benzo(ghi)perylene	ND	800	ug/kg	19
Benzo(a)pyrene	ND	800	ug/kg	24
bis(2-Chloroethoxy) methane	ND	400	ug/kg	28
bis(2-Chloroethyl)-ether	ND	800	ug/kg	20
bis(2-Ethylhexyl) phthalate	ND	800	ug/kg	56
4-Bromophenyl phenyl ether	ND	800	ug/kg	23
Butyl benzyl phthalate	ND	800	ug/kg	52
4-Chloroaniline	ND	1600	ug/kg	25
4-Chloro-3-methylphenol	ND	1600	ug/kg	29
2-Chloronaphthalene	ND	400	ug/kg	12
2-Chlorophenol	ND	800	ug/kg	26
4-Chlorophenyl phenyl ether	ND	800	ug/kg	26
Chrysene	ND	800	ug/kg	33
Dibenz(a,h)anthracene	ND	800	ug/kg	23
Dibenzofuran	ND	800	ug/kg	24
Di-n-butyl phthalate	ND	800	ug/kg	35
3,3'-Dichlorobenzidine	ND	1600	ug/kg	61
2,4-Dichlorophenol	ND	800	ug/kg	12
Diethyl phthalate	ND	800	ug/kg	32
2,4-Dimethylphenol	ND	800	ug/kg	32
Dimethyl phthalate	ND	800	ug/kg	28
4,6-Dinitro-2-methylphenol	ND	4000	ug/kg	61
2,4-Dinitrophenol	ND	4000	ug/kg	61
2,4-Dinitrotoluene	ND	800	ug/kg	28
2,6-Dinitrotoluene	ND	800	ug/kg	34

(Continued on next page)

Bhate Environmental Associates

Client Sample ID: OT32-SB11-25

GC/MS Semivolatiles

Lot-Sample #...: D7G200178-004 **Work Order #...:** J29EE1AQ **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	800	ug/kg	17
Fluoranthene	ND	800	ug/kg	44
Fluorene	ND	800	ug/kg	22
Hexachlorobenzene	ND	800	ug/kg	35
Hexachlorocyclopenta-diene	ND	800	ug/kg	61
Hexachloroethane	ND	800	ug/kg	26
Indeno(1,2,3-cd)pyrene	ND	800	ug/kg	27
2-Methylnaphthalene	ND	800	ug/kg	23
2-Methylphenol	ND	800	ug/kg	16
Naphthalene	ND	800	ug/kg	38
2-Nitroaniline	ND	4000	ug/kg	61
3-Nitroaniline	ND	4000	ug/kg	61
4-Nitroaniline	ND	4000	ug/kg	88
Nitrobenzene	ND	800	ug/kg	27
2-Nitrophenol	ND	800	ug/kg	12
4-Nitrophenol	ND	4000	ug/kg	52
N-Nitrosodiphenylamine	ND	800	ug/kg	26
N-Nitrosodi-n-propyl-amine	ND	800	ug/kg	38
Pentachlorophenol	ND	4000	ug/kg	130
Phenanthrene	ND	800	ug/kg	21
Phenol	ND	800	ug/kg	22
Pyrene	ND	800	ug/kg	15
2,4,5-Trichloro-phenol	ND	800	ug/kg	12
2,4,6-Trichloro-phenol	ND	800	ug/kg	12
bis(2-Chloroisopropyl) ether	ND	800	ug/kg	28
4-Methylphenol	ND	800	ug/kg	12
Hexachlorobutadiene	ND	800	ug/kg	12
Caprolactam	ND	1900	ug/kg	130
Atrazine	ND	400	ug/kg	45
Carbazole	ND	400	ug/kg	44

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	53	(53 - 120)
Phenol-d5	53	(52 - 120)
Nitrobenzene-d5	49 *	(50 - 120)
2-Fluorobiphenyl	54	(50 - 120)
2,4,6-Tribromophenol	51	(51 - 120)
Terphenyl-d14	68	(55 - 120)

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Bhate Environmental Associates

Client Sample ID: OT32-SB11-25

GC/MS Semivolatiles

Lot-Sample #...: D7G200178-004 **Work Order #...:** J29EE1AQ **Matrix.....:** SO

NOTE(S):

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: OT32-SB11-25

GC/MS Semivolatiles

Lot-Sample #...: D7G200178-004 **Work Order #...:** J29EE2AQ **Matrix.....:** SO
Date Sampled...: 07/18/07 16:00 **Date Received..:** 07/20/07
Prep Date.....: 07/27/07 **Analysis Date..:** 08/01/07
Prep Batch #...: 7208424 **Analysis Time..:** 15:47
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	400	ug/kg	13
Acenaphthylene	ND	400	ug/kg	21
Acetophenone	ND	400	ug/kg	24
Anthracene	ND	400	ug/kg	21
Benzo(a)anthracene	ND	800	ug/kg	24
Benzo(b)fluoranthene	ND	800	ug/kg	32
Benzo(k)fluoranthene	ND	800	ug/kg	49
Benzo(ghi)perylene	ND	800	ug/kg	19
Benzo(a)pyrene	ND	800	ug/kg	24
bis(2-Chloroethoxy) methane	ND	400	ug/kg	28
bis(2-Chloroethyl)-ether	ND	800	ug/kg	20
bis(2-Ethylhexyl) phthalate	ND	800	ug/kg	56
4-Bromophenyl phenyl ether	ND	800	ug/kg	23
Butyl benzyl phthalate	ND	800	ug/kg	52
4-Chloroaniline	ND	1600	ug/kg	25
4-Chloro-3-methylphenol	ND	1600	ug/kg	29
2-Chloronaphthalene	ND	400	ug/kg	12
2-Chlorophenol	ND	800	ug/kg	26
4-Chlorophenyl phenyl ether	ND	800	ug/kg	26
Chrysene	ND	800	ug/kg	33
Dibenz(a,h)anthracene	ND	800	ug/kg	23
Dibenzofuran	ND	800	ug/kg	24
Di-n-butyl phthalate	ND	800	ug/kg	35
3,3'-Dichlorobenzidine	ND	1600	ug/kg	61
2,4-Dichlorophenol	ND	800	ug/kg	12
Diethyl phthalate	ND	800	ug/kg	32
2,4-Dimethylphenol	ND	800	ug/kg	32
Dimethyl phthalate	ND	800	ug/kg	28
4,6-Dinitro-2-methylphenol	ND	4000	ug/kg	61
2,4-Dinitrophenol	ND	4000	ug/kg	61
2,4-Dinitrotoluene	ND	800	ug/kg	28
2,6-Dinitrotoluene	ND	800	ug/kg	34

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Bhate Environmental Associates

Client Sample ID: OT32-SB11-25

GC/MS Semivolatiles

Lot-Sample #...: D7G200178-004 **Work Order #...:** J29EE2AQ **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	800	ug/kg	17
Fluoranthene	ND	800	ug/kg	44
Fluorene	ND	800	ug/kg	22
Hexachlorobenzene	ND	800	ug/kg	35
Hexachlorocyclopenta-diene	ND	800	ug/kg	61
Hexachloroethane	ND	800	ug/kg	26
Indeno(1,2,3-cd)pyrene	ND	800	ug/kg	27
2-Methylnaphthalene	ND	800	ug/kg	23
2-Methylphenol	ND	800	ug/kg	16
Naphthalene	ND	800	ug/kg	38
2-Nitroaniline	ND	4000	ug/kg	61
3-Nitroaniline	ND	4000	ug/kg	61
4-Nitroaniline	ND	4000	ug/kg	88
Nitrobenzene	ND	800	ug/kg	27
2-Nitrophenol	ND	800	ug/kg	12
4-Nitrophenol	ND	4000	ug/kg	52
N-Nitrosodiphenylamine	ND	800	ug/kg	26
N-Nitrosodi-n-propyl-amine	ND	800	ug/kg	38
Pentachlorophenol	ND	4000	ug/kg	130
Phenanthrene	ND	800	ug/kg	21
Phenol	ND	800	ug/kg	22
Pyrene	ND	800	ug/kg	15
2,4,5-Trichloro-phenol	ND	800	ug/kg	12
2,4,6-Trichloro-phenol	ND	800	ug/kg	12
bis(2-Chloroisopropyl) ether	ND	800	ug/kg	28
4-Methylphenol	ND	800	ug/kg	12
Hexachlorobutadiene	ND	800	ug/kg	12
Caprolactam	ND	1900	ug/kg	130
Atrazine	ND	400	ug/kg	45
Carbazole	ND	400	ug/kg	44

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	61	(53 - 120)
Phenol-d5	62	(52 - 120)
Nitrobenzene-d5	59	(50 - 120)
2-Fluorobiphenyl	62	(50 - 120)
2,4,6-Tribromophenol	72	(51 - 120)
Terphenyl-d14	88	(55 - 120)

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Bhate Environmental Associates

Client Sample ID: OT32-SB11-25

GC/MS Semivolatiles

Lot-Sample #...: D7G200178-004 **Work Order #...:** J29EE2AQ **Matrix.....:** SO

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: OT37-MW07

GC/MS Semivolatiles

Lot-Sample #...: D7G200178-005 **Work Order #...:** J29EF1AM **Matrix.....:** WG
Date Sampled...: 07/18/07 16:45 **Date Received..:** 07/20/07
Prep Date.....: 07/23/07 **Analysis Date..:** 07/31/07
Prep Batch #...: 7204177 **Analysis Time..:** 17:42
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	10	ug/L	0.28
Acenaphthylene	ND	10	ug/L	0.49
Acetophenone	ND	10	ug/L	0.41
Anthracene	ND	10	ug/L	0.42
Benzo(a)anthracene	ND	10	ug/L	0.35
Benzo(b)fluoranthene	ND	10	ug/L	0.39
Benzo(k)fluoranthene	ND	10	ug/L	0.46
Benzo(ghi)perylene	ND	10	ug/L	0.50
Benzo(a)pyrene	ND	10	ug/L	0.74
bis(2-Chloroethoxy) methane	ND	10	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	10	ug/L	0.41
bis(2-Ethylhexyl) phthalate	**1.3 J**	**10**	**ug/L**	**0.56**
4-Bromophenyl phenyl ether	ND	10	ug/L	0.43
Butyl benzyl phthalate	ND	20	ug/L	1.0
4-Chloroaniline	ND	20	ug/L	2.0
4-Chloro-3-methylphenol	ND	20	ug/L	2.0
2-Chloronaphthalene	ND	10	ug/L	0.31
2-Chlorophenol	ND	10	ug/L	0.38
4-Chlorophenyl phenyl ether	ND	10	ug/L	0.65
Chrysene	ND	10	ug/L	0.54
Dibenz(a,h)anthracene	ND	10	ug/L	0.51
Dibenzofuran	ND	10	ug/L	0.29
Di-n-butyl phthalate	ND	20	ug/L	1.2
3,3'-Dichlorobenzidine	ND	20	ug/L	2.0
2,4-Dichlorophenol	ND	10	ug/L	1.3
Diethyl phthalate	ND	20	ug/L	0.38
2,4-Dimethylphenol	ND	10	ug/L	0.57
Dimethyl phthalate	ND	20	ug/L	1.0
4,6-Dinitro-2-methylphenol	ND	60	ug/L	0.35
2,4-Dinitrophenol	ND	60	ug/L	20
2,4-Dinitrotoluene	ND	20	ug/L	0.25
2,6-Dinitrotoluene	ND	20	ug/L	0.23

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Bhate Environmental Associates

Client Sample ID: OT37-MW07

GC/MS Semivolatiles

Lot-Sample #...: D7G200178-005 **Work Order #...:** J29EF1AM **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	20	ug/L	0.35
Fluoranthene	ND	20	ug/L	0.20
Fluorene	ND	10	ug/L	0.31
Hexachlorobenzene	ND	10	ug/L	0.66
Hexachlorocyclopenta-diene	ND	10	ug/L	1.5
Hexachloroethane	ND	10	ug/L	0.46
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	0.65
2-Methylnaphthalene	ND	10	ug/L	0.29
2-Methylphenol	ND	10	ug/L	0.98
Naphthalene	ND	10	ug/L	0.29
2-Nitroaniline	ND	50	ug/L	0.32
3-Nitroaniline	ND	50	ug/L	2.0
4-Nitroaniline	ND	50	ug/L	1.0
Nitrobenzene	ND	20	ug/L	0.81
2-Nitrophenol	ND	20	ug/L	2.0
4-Nitrophenol	ND	50	ug/L	1.7
N-Nitrosodiphenylamine	ND	10	ug/L	0.44
N-Nitrosodi-n-propyl-amine	ND	20	ug/L	0.35
Pentachlorophenol	ND	60	ug/L	20
Phenanthrene	ND	10	ug/L	0.26
Phenol	ND	10	ug/L	0.31
Pyrene	ND	10	ug/L	0.37
2,4,5-Trichloro-phenol	ND	20	ug/L	0.39
2,4,6-Trichloro-phenol	ND	20	ug/L	0.37
bis(2-Chloroisopropyl) ether	ND	10	ug/L	0.43
4-Methylphenol	ND	20	ug/L	0.74
Hexachlorobutadiene	ND	10	ug/L	0.51
Caprolactam	ND	20	ug/L	5.0
Atrazine	ND	50	ug/L	5.0
Carbazole	ND	10	ug/L	0.43

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	69	(51 - 120)
Phenol-d5	72	(51 - 120)
Nitrobenzene-d5	66	(48 - 120)
2-Fluorobiphenyl	59	(49 - 120)
2,4,6-Tribromophenol	88	(57 - 120)
Terphenyl-d14	100	(61 - 120)

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Bhate Environmental Associates

Client Sample ID: OT37-MW07

GC/MS Semivolatiles

Lot-Sample #...: D7G200178-005 **Work Order #...:** J29EF1AM **Matrix.....:** WG

NOTE(S):

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: OT37-MW07-A

GC/MS Semivolatiles

Lot-Sample #...: D7G200178-006 **Work Order #...:** J29EH1AM **Matrix.....:** WG
Date Sampled...: 07/18/07 16:45 **Date Received..:** 07/20/07
Prep Date.....: 07/23/07 **Analysis Date..:** 07/27/07
Prep Batch #...: 7204177 **Analysis Time..:** 19:38
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	10	ug/L	0.28
Acenaphthylene	ND	10	ug/L	0.49
Acetophenone	ND	10	ug/L	0.41
Anthracene	ND	10	ug/L	0.42
Benzo(a)anthracene	ND	10	ug/L	0.35
Benzo(b)fluoranthene	ND	10	ug/L	0.39
Benzo(k)fluoranthene	ND	10	ug/L	0.46
Benzo(ghi)perylene	ND	10	ug/L	0.50
Benzo(a)pyrene	ND	10	ug/L	0.74
bis(2-Chloroethoxy) methane	ND	10	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	10	ug/L	0.41
bis(2-Ethylhexyl) phthalate	**2.5 J**	**10**	**ug/L**	**0.56**
4-Bromophenyl phenyl ether	ND	10	ug/L	0.43
Butyl benzyl phthalate	ND	20	ug/L	1.0
4-Chloroaniline	ND	20	ug/L	2.0
4-Chloro-3-methylphenol	ND	20	ug/L	2.0
2-Chloronaphthalene	ND	10	ug/L	0.31
2-Chlorophenol	ND	10	ug/L	0.38
4-Chlorophenyl phenyl ether	ND	10	ug/L	0.65
Chrysene	ND	10	ug/L	0.54
Dibenz(a,h)anthracene	ND	10	ug/L	0.51
Dibenzofuran	ND	10	ug/L	0.29
Di-n-butyl phthalate	ND	20	ug/L	1.2
3,3'-Dichlorobenzidine	ND	20	ug/L	2.0
2,4-Dichlorophenol	ND	10	ug/L	1.3
Diethyl phthalate	ND	20	ug/L	0.38
2,4-Dimethylphenol	ND	10	ug/L	0.57
Dimethyl phthalate	ND	20	ug/L	1.0
4,6-Dinitro-2-methylphenol	ND	60	ug/L	0.35
2,4-Dinitrophenol	ND	60	ug/L	20
2,4-Dinitrotoluene	ND	20	ug/L	0.25
2,6-Dinitrotoluene	ND	20	ug/L	0.23

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Bhate Environmental Associates

Client Sample ID: OT37-MW07-A

GC/MS Semivolatiles

Lot-Sample #...: D7G200178-006 **Work Order #...:** J29EH1AM **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	20	ug/L	0.35
Fluoranthene	ND	20	ug/L	0.20
Fluorene	ND	10	ug/L	0.31
Hexachlorobenzene	ND	10	ug/L	0.66
Hexachlorocyclopenta-diene	ND	10	ug/L	1.5
Hexachloroethane	ND	10	ug/L	0.46
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	0.65
2-Methylnaphthalene	ND	10	ug/L	0.29
2-Methylphenol	ND	10	ug/L	0.98
Naphthalene	ND	10	ug/L	0.29
2-Nitroaniline	ND	50	ug/L	0.32
3-Nitroaniline	ND	50	ug/L	2.0
4-Nitroaniline	ND	50	ug/L	1.0
Nitrobenzene	ND	20	ug/L	0.81
2-Nitrophenol	ND	20	ug/L	2.0
4-Nitrophenol	ND	50	ug/L	1.7
N-Nitrosodiphenylamine	ND	10	ug/L	0.44
N-Nitrosodi-n-propyl-amine	ND	20	ug/L	0.35
Pentachlorophenol	ND	60	ug/L	20
Phenanthrene	ND	10	ug/L	0.26
Phenol	ND	10	ug/L	0.31
Pyrene	ND	10	ug/L	0.37
2,4,5-Trichloro-phenol	ND	20	ug/L	0.39
2,4,6-Trichloro-phenol	ND	20	ug/L	0.37
bis(2-Chloroisopropyl) ether	ND	10	ug/L	0.43
4-Methylphenol	ND	20	ug/L	0.74
Hexachlorobutadiene	ND	10	ug/L	0.51
Caprolactam	ND	20	ug/L	5.0
Atrazine	ND	50	ug/L	5.0
Carbazole	ND	10	ug/L	0.43

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	60	(51 - 120)
Phenol-d5	62	(51 - 120)
Nitrobenzene-d5	58	(48 - 120)
2-Fluorobiphenyl	50	(49 - 120)
2,4,6-Tribromophenol	66	(57 - 120)
Terphenyl-d14	87	(61 - 120)

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Bhate Environmental Associates

Client Sample ID: OT37-MW07-A

GC/MS Semivolatiles

Lot-Sample #...: D7G200178-006 **Work Order #...:** J29EH1AM **Matrix.....:** WG

NOTE(S):

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: OT37-MW08

GC/MS Semivolatiles

Lot-Sample #...: D7G200178-010 **Work Order #...:** J29EM1AM **Matrix.....:** WG
Date Sampled...: 07/19/07 09:15 **Date Received..:** 07/20/07
Prep Date.....: 07/23/07 **Analysis Date..:** 07/31/07
Prep Batch #...: 7204177 **Analysis Time..:** 18:43
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	10	ug/L	0.28
Acenaphthylene	ND	10	ug/L	0.49
Acetophenone	ND	10	ug/L	0.41
Anthracene	ND	10	ug/L	0.42
Benzo(a)anthracene	ND	10	ug/L	0.35
Benzo(b)fluoranthene	ND	10	ug/L	0.39
Benzo(k)fluoranthene	ND	10	ug/L	0.46
Benzo(ghi)perylene	ND	10	ug/L	0.50
Benzo(a)pyrene	ND	10	ug/L	0.74
bis(2-Chloroethoxy) methane	ND	10	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	10	ug/L	0.41
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	0.56
4-Bromophenyl phenyl ether	ND	10	ug/L	0.43
Butyl benzyl phthalate	ND	20	ug/L	1.0
4-Chloroaniline	ND	20	ug/L	2.0
4-Chloro-3-methylphenol	ND	20	ug/L	2.0
2-Chloronaphthalene	ND	10	ug/L	0.31
2-Chlorophenol	ND	10	ug/L	0.38
4-Chlorophenyl phenyl ether	ND	10	ug/L	0.65
Chrysene	ND	10	ug/L	0.54
Dibenz(a,h)anthracene	ND	10	ug/L	0.51
Dibenzofuran	ND	10	ug/L	0.29
Di-n-butyl phthalate	ND	20	ug/L	1.2
3,3'-Dichlorobenzidine	ND	20	ug/L	2.0
2,4-Dichlorophenol	ND	10	ug/L	1.3
Diethyl phthalate	ND	20	ug/L	0.38
2,4-Dimethylphenol	ND	10	ug/L	0.57
Dimethyl phthalate	ND	20	ug/L	1.0
4,6-Dinitro-2-methylphenol	ND	60	ug/L	0.35
2,4-Dinitrophenol	ND	60	ug/L	20
2,4-Dinitrotoluene	ND	20	ug/L	0.25
2,6-Dinitrotoluene	ND	20	ug/L	0.23

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Bhate Environmental Associates

Client Sample ID: OT37-MW08

GC/MS Semivolatiles

Lot-Sample #...: D7G200178-010 **Work Order #...:** J29EM1AM **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	20	ug/L	0.35
Fluoranthene	ND	20	ug/L	0.20
Fluorene	ND	10	ug/L	0.31
Hexachlorobenzene	ND	10	ug/L	0.66
Hexachlorocyclopenta-diene	ND	10	ug/L	1.5
Hexachloroethane	ND	10	ug/L	0.46
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	0.65
2-Methylnaphthalene	ND	10	ug/L	0.29
2-Methylphenol	ND	10	ug/L	0.98
Naphthalene	ND	10	ug/L	0.29
2-Nitroaniline	ND	50	ug/L	0.32
3-Nitroaniline	ND	50	ug/L	2.0
4-Nitroaniline	ND	50	ug/L	1.0
Nitrobenzene	ND	20	ug/L	0.81
2-Nitrophenol	ND	20	ug/L	2.0
4-Nitrophenol	ND	50	ug/L	1.7
N-Nitrosodiphenylamine	ND	10	ug/L	0.44
N-Nitrosodi-n-propyl-amine	ND	20	ug/L	0.35
Pentachlorophenol	ND	60	ug/L	20
Phenanthrene	ND	10	ug/L	0.26
Phenol	ND	10	ug/L	0.31
Pyrene	ND	10	ug/L	0.37
2,4,5-Trichloro-phenol	ND	20	ug/L	0.39
2,4,6-Trichloro-phenol	ND	20	ug/L	0.37
bis(2-Chloroisopropyl) ether	ND	10	ug/L	0.43
4-Methylphenol	ND	20	ug/L	0.74
Hexachlorobutadiene	ND	10	ug/L	0.51
Caprolactam	ND	20	ug/L	5.0
Atrazine	ND	50	ug/L	5.0
Carbazole	ND	10	ug/L	0.43

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	68	(51 - 120)
Phenol-d5	72	(51 - 120)
Nitrobenzene-d5	67	(48 - 120)
2-Fluorobiphenyl	54	(49 - 120)
2,4,6-Tribromophenol	91	(57 - 120)
Terphenyl-d14	102	(61 - 120)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: OT32-SB10-15

GC/MS Semivolatiles

Lot-Sample #...: D7G200178-011 **Work Order #...:** J29EW1AD **Matrix.....:** SO
Date Sampled...: 07/19/07 09:10 **Date Received..:** 07/20/07
Prep Date.....: 07/23/07 **Analysis Date..:** 07/26/07
Prep Batch #...: 7204311 **Analysis Time..:** 12:13
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	390	ug/kg	12
Acenaphthylene	ND	390	ug/kg	20
Acetophenone	ND	390	ug/kg	23
Anthracene	ND	390	ug/kg	20
Benzo(a)anthracene	ND	770	ug/kg	23
Benzo(b)fluoranthene	ND	770	ug/kg	31
Benzo(k)fluoranthene	ND	770	ug/kg	47
Benzo(ghi)perylene	ND	770	ug/kg	19
Benzo(a)pyrene	ND	770	ug/kg	23
bis(2-Chloroethoxy) methane	ND	390	ug/kg	27
bis(2-Chloroethyl)-ether	ND	770	ug/kg	19
bis(2-Ethylhexyl) phthalate	ND	770	ug/kg	54
4-Bromophenyl phenyl ether	ND	770	ug/kg	22
Butyl benzyl phthalate	ND	770	ug/kg	50
4-Chloroaniline	ND	1500	ug/kg	24
4-Chloro-3-methylphenol	ND	1500	ug/kg	28
2-Chloronaphthalene	ND	390	ug/kg	12
2-Chlorophenol	ND	770	ug/kg	25
4-Chlorophenyl phenyl ether	ND	770	ug/kg	25
Chrysene	ND	770	ug/kg	32
Dibenz(a,h)anthracene	ND	770	ug/kg	22
Dibenzofuran	ND	770	ug/kg	23
Di-n-butyl phthalate	ND	770	ug/kg	34
3,3'-Dichlorobenzidine	ND	1500	ug/kg	58
2,4-Dichlorophenol	ND	770	ug/kg	12
Diethyl phthalate	ND	770	ug/kg	30
2,4-Dimethylphenol	ND	770	ug/kg	30
Dimethyl phthalate	ND	770	ug/kg	27
4,6-Dinitro-2-methylphenol	ND	3900	ug/kg	58
2,4-Dinitrophenol	ND	3900	ug/kg	58
2,4-Dinitrotoluene	ND	770	ug/kg	27
2,6-Dinitrotoluene	ND	770	ug/kg	33

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Bhate Environmental Associates

Client Sample ID: OT32-SB10-15

GC/MS Semivolatiles

Lot-Sample #...: D7G200178-011 **Work Order #...:** J29EW1AD **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	770	ug/kg	17
Fluoranthene	ND	770	ug/kg	42
Fluorene	ND	770	ug/kg	21
Hexachlorobenzene	ND	770	ug/kg	34
Hexachlorocyclopenta-diene	ND	770	ug/kg	58
Hexachloroethane	ND	770	ug/kg	25
Indeno(1,2,3-cd)pyrene	ND	770	ug/kg	26
2-Methylnaphthalene	ND	770	ug/kg	22
2-Methylphenol	ND	770	ug/kg	15
Naphthalene	ND	770	ug/kg	36
2-Nitroaniline	ND	3900	ug/kg	58
3-Nitroaniline	ND	3900	ug/kg	58
4-Nitroaniline	ND	3900	ug/kg	85
Nitrobenzene	ND	770	ug/kg	26
2-Nitrophenol	ND	770	ug/kg	12
4-Nitrophenol	ND	3900	ug/kg	50
N-Nitrosodiphenylamine	ND	770	ug/kg	25
N-Nitrosodi-n-propyl-amine	ND	770	ug/kg	36
Pentachlorophenol	ND	3900	ug/kg	130
Phenanthrene	ND	770	ug/kg	20
Phenol	ND	770	ug/kg	21
Pyrene	ND	770	ug/kg	14
2,4,5-Trichloro-phenol	ND	770	ug/kg	12
2,4,6-Trichloro-phenol	ND	770	ug/kg	12
bis(2-Chloroisopropyl) ether	ND	770	ug/kg	27
4-Methylphenol	ND	770	ug/kg	12
Hexachlorobutadiene	ND	770	ug/kg	12
Caprolactam	ND	1900	ug/kg	120
Atrazine	ND	390	ug/kg	43
Carbazole	ND	390	ug/kg	42

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	61	(53 - 120)
Phenol-d5	61	(52 - 120)
Nitrobenzene-d5	58	(50 - 120)
2-Fluorobiphenyl	61	(50 - 120)
2,4,6-Tribromophenol	58	(51 - 120)
Terphenyl-d14	69	(55 - 120)

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Bhate Environmental Associates

Client Sample ID: OT32-SB10-15

GC/MS Semivolatiles

Lot-Sample #...: D7G200178-011 **Work Order #...:** J29EW1AD **Matrix.....:** SO

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: OT32-SB10-25

GC/MS Semivolatiles

Lot-Sample #...: D7G200178-012 **Work Order #...:** J29E21AN **Matrix.....:** SO
Date Sampled...: 07/19/07 09:20 **Date Received..:** 07/20/07
Prep Date.....: 07/23/07 **Analysis Date..:** 07/26/07
Prep Batch #...: 7204311 **Analysis Time..:** 12:34
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	390	ug/kg	12
Acenaphthylene	ND	390	ug/kg	20
Acetophenone	ND	390	ug/kg	23
Anthracene	ND	390	ug/kg	20
Benzo(a)anthracene	ND	770	ug/kg	23
Benzo(b)fluoranthene	ND	770	ug/kg	31
Benzo(k)fluoranthene	ND	770	ug/kg	47
Benzo(ghi)perylene	ND	770	ug/kg	19
Benzo(a)pyrene	ND	770	ug/kg	23
bis(2-Chloroethoxy) methane	ND	390	ug/kg	27
bis(2-Chloroethyl)-ether	ND	770	ug/kg	19
bis(2-Ethylhexyl) phthalate	ND	770	ug/kg	54
4-Bromophenyl phenyl ether	ND	770	ug/kg	22
Butyl benzyl phthalate	ND	770	ug/kg	50
4-Chloroaniline	ND	1500	ug/kg	24
4-Chloro-3-methylphenol	ND	1500	ug/kg	28
2-Chloronaphthalene	ND	390	ug/kg	12
2-Chlorophenol	ND	770	ug/kg	25
4-Chlorophenyl phenyl ether	ND	770	ug/kg	25
Chrysene	ND	770	ug/kg	32
Dibenz(a,h)anthracene	ND	770	ug/kg	22
Dibenzofuran	ND	770	ug/kg	23
Di-n-butyl phthalate	ND	770	ug/kg	34
3,3'-Dichlorobenzidine	ND	1500	ug/kg	59
2,4-Dichlorophenol	ND	770	ug/kg	12
Diethyl phthalate	ND	770	ug/kg	31
2,4-Dimethylphenol	ND	770	ug/kg	31
Dimethyl phthalate	ND	770	ug/kg	27
4,6-Dinitro-2-methylphenol	ND	3900	ug/kg	59
2,4-Dinitrophenol	ND	3900	ug/kg	59
2,4-Dinitrotoluene	ND	770	ug/kg	27
2,6-Dinitrotoluene	ND	770	ug/kg	33

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Bhate Environmental Associates

Client Sample ID: OT32-SB10-25

GC/MS Semivolatiles

Lot-Sample #...: D7G200178-012 **Work Order #...:** J29E21AN **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	770	ug/kg	17
Fluoranthene	ND	770	ug/kg	42
Fluorene	ND	770	ug/kg	21
Hexachlorobenzene	ND	770	ug/kg	34
Hexachlorocyclopenta-diene	ND	770	ug/kg	59
Hexachloroethane	ND	770	ug/kg	25
Indeno(1,2,3-cd)pyrene	ND	770	ug/kg	26
2-Methylnaphthalene	ND	770	ug/kg	22
2-Methylphenol	ND	770	ug/kg	15
Naphthalene	ND	770	ug/kg	36
2-Nitroaniline	ND	3900	ug/kg	59
3-Nitroaniline	ND	3900	ug/kg	59
4-Nitroaniline	ND	3900	ug/kg	85
Nitrobenzene	ND	770	ug/kg	26
2-Nitrophenol	ND	770	ug/kg	12
4-Nitrophenol	ND	3900	ug/kg	50
N-Nitrosodiphenylamine	ND	770	ug/kg	25
N-Nitrosodi-n-propyl-amine	ND	770	ug/kg	36
Pentachlorophenol	ND	3900	ug/kg	130
Phenanthrene	ND	770	ug/kg	20
Phenol	ND	770	ug/kg	21
Pyrene	ND	770	ug/kg	14
2,4,5-Trichloro-phenol	ND	770	ug/kg	12
2,4,6-Trichloro-phenol	ND	770	ug/kg	12
bis(2-Chloroisopropyl) ether	ND	770	ug/kg	27
4-Methylphenol	ND	770	ug/kg	12
Hexachlorobutadiene	ND	770	ug/kg	12
Caprolactam	ND	1900	ug/kg	120
Atrazine	ND	390	ug/kg	43
Carbazole	ND	390	ug/kg	42

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	55	(53 - 120)
Phenol-d5	57	(52 - 120)
Nitrobenzene-d5	52	(50 - 120)
2-Fluorobiphenyl	60	(50 - 120)
2,4,6-Tribromophenol	62	(51 - 120)
Terphenyl-d14	74	(55 - 120)

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Bhate Environmental Associates

Client Sample ID: OT32-SB10-25

GC/MS Semivolatiles

Lot-Sample #...: D7G200178-012 **Work Order #...:** J29E21AN **Matrix.....:** SO

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: OT32-SB09-15

GC/MS Semivolatiles

Lot-Sample #...: D7G200178-013 **Work Order #...:** J29E41A0 **Matrix.....:** SO
Date Sampled...: 07/19/07 10:30 **Date Received..:** 07/20/07
Prep Date.....: 07/23/07 **Analysis Date..:** 07/26/07
Prep Batch #...: 7204311 **Analysis Time..:** 12:55
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	400	ug/kg	12
Acenaphthylene	ND	400	ug/kg	20
Acetophenone	ND	400	ug/kg	24
Anthracene	ND	400	ug/kg	20
Benzo(a)anthracene	ND	800	ug/kg	24
Benzo(b)fluoranthene	ND	800	ug/kg	32
Benzo(k)fluoranthene	ND	800	ug/kg	48
Benzo(ghi)perylene	ND	800	ug/kg	19
Benzo(a)pyrene	ND	800	ug/kg	24
bis(2-Chloroethoxy) methane	ND	400	ug/kg	28
bis(2-Chloroethyl)-ether	ND	800	ug/kg	20
bis(2-Ethylhexyl) phthalate	ND	800	ug/kg	55
4-Bromophenyl phenyl ether	ND	800	ug/kg	23
Butyl benzyl phthalate	ND	800	ug/kg	52
4-Chloroaniline	ND	1600	ug/kg	25
4-Chloro-3-methylphenol	ND	1600	ug/kg	29
2-Chloronaphthalene	ND	400	ug/kg	12
2-Chlorophenol	ND	800	ug/kg	25
4-Chlorophenyl phenyl ether	ND	800	ug/kg	25
Chrysene	ND	800	ug/kg	33
Dibenz(a,h)anthracene	ND	800	ug/kg	23
Dibenzofuran	ND	800	ug/kg	24
Di-n-butyl phthalate	ND	800	ug/kg	35
3,3'-Dichlorobenzidine	ND	1600	ug/kg	60
2,4-Dichlorophenol	ND	800	ug/kg	12
Diethyl phthalate	ND	800	ug/kg	31
2,4-Dimethylphenol	ND	800	ug/kg	31
Dimethyl phthalate	ND	800	ug/kg	28
4,6-Dinitro-2-methylphenol	ND	4000	ug/kg	60
2,4-Dinitrophenol	ND	4000	ug/kg	60
2,4-Dinitrotoluene	ND	800	ug/kg	28
2,6-Dinitrotoluene	ND	800	ug/kg	34

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Bhate Environmental Associates

Client Sample ID: OT32-SB09-15

GC/MS Semivolatiles

Lot-Sample #...: D7G200178-013 **Work Order #...:** J29E41A0 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	800	ug/kg	17
Fluoranthene	ND	800	ug/kg	43
Fluorene	ND	800	ug/kg	22
Hexachlorobenzene	ND	800	ug/kg	35
Hexachlorocyclopenta-diene	ND	800	ug/kg	60
Hexachloroethane	ND	800	ug/kg	26
Indeno(1,2,3-cd)pyrene	ND	800	ug/kg	27
2-Methylnaphthalene	ND	800	ug/kg	23
2-Methylphenol	ND	800	ug/kg	16
Naphthalene	ND	800	ug/kg	37
2-Nitroaniline	ND	4000	ug/kg	60
3-Nitroaniline	ND	4000	ug/kg	60
4-Nitroaniline	ND	4000	ug/kg	87
Nitrobenzene	ND	800	ug/kg	27
2-Nitrophenol	ND	800	ug/kg	12
4-Nitrophenol	ND	4000	ug/kg	52
N-Nitrosodiphenylamine	ND	800	ug/kg	25
N-Nitrosodi-n-propyl-amine	ND	800	ug/kg	37
Pentachlorophenol	ND	4000	ug/kg	130
Phenanthrene	ND	800	ug/kg	20
Phenol	ND	800	ug/kg	22
Pyrene	ND	800	ug/kg	15
2,4,5-Trichloro-phenol	ND	800	ug/kg	12
2,4,6-Trichloro-phenol	ND	800	ug/kg	12
bis(2-Chloroisopropyl) ether	ND	800	ug/kg	28
4-Methylphenol	ND	800	ug/kg	12
Hexachlorobutadiene	ND	800	ug/kg	12
Caprolactam	ND	1900	ug/kg	130
Atrazine	ND	400	ug/kg	45
Carbazole	ND	400	ug/kg	43

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	58	(53 - 120)
Phenol-d5	57	(52 - 120)
Nitrobenzene-d5	53	(50 - 120)
2-Fluorobiphenyl	57	(50 - 120)
2,4,6-Tribromophenol	54	(51 - 120)
Terphenyl-d14	69	(55 - 120)

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Bhate Environmental Associates

Client Sample ID: OT32-SB09-15

GC/MS Semivolatiles

Lot-Sample #...: D7G200178-013 **Work Order #...:** J29E41A0 **Matrix.....:** SO

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: OT32-SB09-25

GC/MS Semivolatiles

Lot-Sample #...: D7G200178-014 **Work Order #...:** J29E71AA **Matrix.....:** SO
Date Sampled...: 07/19/07 10:40 **Date Received..:** 07/20/07
Prep Date.....: 07/23/07 **Analysis Date..:** 07/26/07
Prep Batch #...: 7204311 **Analysis Time..:** 13:17
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	400	ug/kg	12
Acenaphthylene	ND	400	ug/kg	21
Acetophenone	ND	400	ug/kg	24
Anthracene	ND	400	ug/kg	21
Benzo(a)anthracene	ND	800	ug/kg	24
Benzo(b)fluoranthene	ND	800	ug/kg	32
Benzo(k)fluoranthene	ND	800	ug/kg	48
Benzo(ghi)perylene	ND	800	ug/kg	19
Benzo(a)pyrene	ND	800	ug/kg	24
bis(2-Chloroethoxy) methane	ND	400	ug/kg	28
bis(2-Chloroethyl)-ether	ND	800	ug/kg	20
bis(2-Ethylhexyl) phthalate	ND	800	ug/kg	56
4-Bromophenyl phenyl ether	ND	800	ug/kg	23
Butyl benzyl phthalate	ND	800	ug/kg	52
4-Chloroaniline	ND	1600	ug/kg	25
4-Chloro-3-methylphenol	ND	1600	ug/kg	29
2-Chloronaphthalene	ND	400	ug/kg	12
2-Chlorophenol	ND	800	ug/kg	25
4-Chlorophenyl phenyl ether	ND	800	ug/kg	25
Chrysene	ND	800	ug/kg	33
Dibenz(a,h)anthracene	ND	800	ug/kg	23
Dibenzofuran	ND	800	ug/kg	24
Di-n-butyl phthalate	ND	800	ug/kg	35
3,3'-Dichlorobenzidine	ND	1600	ug/kg	61
2,4-Dichlorophenol	ND	800	ug/kg	12
Diethyl phthalate	ND	800	ug/kg	31
2,4-Dimethylphenol	ND	800	ug/kg	31
Dimethyl phthalate	ND	800	ug/kg	28
4,6-Dinitro-2-methylphenol	ND	4000	ug/kg	61
2,4-Dinitrophenol	ND	4000	ug/kg	61
2,4-Dinitrotoluene	ND	800	ug/kg	28
2,6-Dinitrotoluene	ND	800	ug/kg	34

(Continued on next page)

Bhate Environmental Associates

Client Sample ID: OT32-SB09-25

GC/MS Semivolatiles

Lot-Sample #...: D7G200178-014 **Work Order #...:** J29E71AA **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	800	ug/kg	17
Fluoranthene	ND	800	ug/kg	44
Fluorene	ND	800	ug/kg	22
Hexachlorobenzene	ND	800	ug/kg	35
Hexachlorocyclopenta-diene	ND	800	ug/kg	61
Hexachloroethane	ND	800	ug/kg	26
Indeno(1,2,3-cd)pyrene	ND	800	ug/kg	27
2-Methylnaphthalene	ND	800	ug/kg	23
2-Methylphenol	ND	800	ug/kg	16
Naphthalene	ND	800	ug/kg	38
2-Nitroaniline	ND	4000	ug/kg	61
3-Nitroaniline	ND	4000	ug/kg	61
4-Nitroaniline	ND	4000	ug/kg	88
Nitrobenzene	ND	800	ug/kg	27
2-Nitrophenol	ND	800	ug/kg	12
4-Nitrophenol	ND	4000	ug/kg	52
N-Nitrosodiphenylamine	ND	800	ug/kg	25
N-Nitrosodi-n-propyl-amine	ND	800	ug/kg	38
Pentachlorophenol	ND	4000	ug/kg	130
Phenanthrene	ND	800	ug/kg	21
Phenol	ND	800	ug/kg	22
Pyrene	ND	800	ug/kg	15
2,4,5-Trichloro-phenol	ND	800	ug/kg	12
2,4,6-Trichloro-phenol	ND	800	ug/kg	12
bis(2-Chloroisopropyl) ether	ND	800	ug/kg	28
4-Methylphenol	ND	800	ug/kg	12
Hexachlorobutadiene	ND	800	ug/kg	12
Caprolactam	ND	1900	ug/kg	130
Atrazine	ND	400	ug/kg	45
Carbazole	ND	400	ug/kg	44

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	61	(53 - 120)
Phenol-d5	59	(52 - 120)
Nitrobenzene-d5	57	(50 - 120)
2-Fluorobiphenyl	59	(50 - 120)
2,4,6-Tribromophenol	56	(51 - 120)
Terphenyl-d14	74	(55 - 120)

(Continued on next page)

Bhate Environmental Associates

Client Sample ID: OT32-SB09-25

GC/MS Semivolatiles

Lot-Sample #...: D7G200178-014 **Work Order #...:** J29E71AA **Matrix.....:** SO

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: OT32-SB12-15

GC Volatiles

Lot-Sample #...:	D7G200178-001	**Work Order #...:**	J29DP1A6	**Matrix.....:**	SO
Date Sampled...:	07/18/07 13:50	**Date Received..:**	07/20/07		
Prep Date.....:	07/24/07	**Analysis Date..:**	07/26/07		
Prep Batch #...:	7214343	**Analysis Time..:**	12:06		
Dilution Factor:	1				
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Gasoline Range Organics	**0.49 J**	**1.4**	**mg/kg**	**0.38**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	91	(77 - 123)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: OT32-SB12-25

GC Volatiles

Lot-Sample #...: D7G200178-002 **Work Order #...:** J29EC1AH **Matrix.....:** SO
Date Sampled...: 07/18/07 14:15 **Date Received..:** 07/20/07
Prep Date.....: 07/24/07 **Analysis Date..:** 07/26/07
Prep Batch #...: 7214343 **Analysis Time..:** 12:38
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Gasoline Range Organics	ND	1.5	mg/kg	0.41

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	84	(77 - 123)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Bhate Environmental Associates

Client Sample ID: OT32-SB11-15

GC Volatiles

Lot-Sample #...: D7G200178-003 **Work Order #...:** J29ED1AH **Matrix.....:** SO
Date Sampled...: 07/18/07 15:50 **Date Received..:** 07/20/07
Prep Date.....: 07/24/07 **Analysis Date..:** 07/26/07
Prep Batch #...: 7214343 **Analysis Time..:** 13:09
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Gasoline Range Organics	ND	1.4	mg/kg	0.39

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	90	(77 - 123)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Bhate Environmental Associates

Client Sample ID: OT32-SB11-25

GC Volatiles

Lot-Sample #...: D7G200178-004 **Work Order #...:** J29EE1AH **Matrix.....:** SO
Date Sampled...: 07/18/07 16:00 **Date Received..:** 07/20/07
Prep Date.....: 07/24/07 **Analysis Date..:** 07/26/07
Prep Batch #...: 7214343 **Analysis Time..:** 13:40
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Gasoline Range Organics	ND	1.5	mg/kg	0.39

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	88	(77 - 123)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Bhate Environmental Associates

Client Sample ID: OT32-SB10-15

GC Volatiles

Lot-Sample #...: D7G200178-011 **Work Order #...:** J29EW1A5 **Matrix.....:** SO
Date Sampled...: 07/19/07 09:10 **Date Received..:** 07/20/07
Prep Date.....: 07/24/07 **Analysis Date..:** 07/26/07
Prep Batch #...: 7214343 **Analysis Time..:** 14:12
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Gasoline Range Organics	**0.42 J**	**1.4**	**mg/kg**	**0.38**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	92	(77 - 123)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: OT32-SB10-25

GC Volatiles

Lot-Sample #...: D7G200178-012 **Work Order #...:** J29E21AG **Matrix.....:** SO
Date Sampled...: 07/19/07 09:20 **Date Received..:** 07/20/07
Prep Date.....: 07/24/07 **Analysis Date..:** 07/26/07
Prep Batch #...: 7214343 **Analysis Time..:** 14:43
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Gasoline Range Organics	ND	1.4	mg/kg	0.38

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	90	(77 - 123)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Bhate Environmental Associates

Client Sample ID: OT32-SB09-15

GC Volatiles

Lot-Sample #...: D7G200178-013 **Work Order #...:** J29E41AR **Matrix.....:** SO
Date Sampled...: 07/19/07 10:30 **Date Received..:** 07/20/07
Prep Date.....: 07/24/07 **Analysis Date..:** 07/26/07
Prep Batch #...: 7214343 **Analysis Time..:** 15:14
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Gasoline Range Organics	**0.42 J**	**1.4**	**mg/kg**	**0.39**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	98	(77 - 123)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: OT32-SB09-25

GC Volatiles

Lot-Sample #...: D7G200178-014 **Work Order #...:** J29E71A3 **Matrix.....:** SO
Date Sampled...: 07/19/07 10:40 **Date Received..:** 07/20/07
Prep Date.....: 07/24/07 **Analysis Date..:** 07/26/07
Prep Batch #...: 7214343 **Analysis Time..:** 15:46
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Gasoline Range Organics	ND	1.5	mg/kg	0.39

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	81	(77 - 123)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Bhate Environmental Associates

Client Sample ID: OT32-SB12-15

GC Semivolatiles

Lot-Sample #...: D7G200178-001 **Work Order #...:** J29DP1A7 **Matrix.....:** SO
Date Sampled...: 07/18/07 13:50 **Date Received..:** 07/20/07
Prep Date.....: 07/23/07 **Analysis Date..:** 07/27/07
Prep Batch #...: 7204329 **Analysis Time..:** 18:15
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Diesel Range Organics (C10-C22)	**1.9 J,B**	**4.6**	**mg/kg**	**1.2**
Motor Oil Range Organics (C22-C36)	ND	4.6	mg/kg	1.2

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	69	(45 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: OT32-SB12-25

GC Semivolatiles

Lot-Sample #...: D7G200178-002 **Work Order #...:** J29EC1AJ **Matrix.....:** SO
Date Sampled...: 07/18/07 14:15 **Date Received..:** 07/20/07
Prep Date.....: 07/23/07 **Analysis Date..:** 07/27/07
Prep Batch #...: 7204329 **Analysis Time..:** 20:09
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Diesel Range Organics (C10-C22)	**2.2 J,B**	**5.1**	**mg/kg**	**1.3**
Motor Oil Range Organics (C22-C36)	ND	5.1	mg/kg	1.3

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	68	(45 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: OT32-SB11-15

GC Semivolatiles

Lot-Sample #...: D7G200178-003 **Work Order #...:** J29ED1AJ **Matrix.....:** SO
Date Sampled...: 07/18/07 15:50 **Date Received..:** 07/20/07
Prep Date.....: 07/23/07 **Analysis Date..:** 07/27/07
Prep Batch #...: 7204329 **Analysis Time..:** 20:46
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Diesel Range Organics (C10-C22)	**2.0 J,B**	**4.8**	**mg/kg**	**1.2**
Motor Oil Range Organics (C22-C36)	ND	4.8	mg/kg	1.2

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	55	(45 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: OT32-SB11-25

GC Semivolatiles

Lot-Sample #...: D7G200178-004 **Work Order #...:** J29EE1AJ **Matrix.....:** SO
Date Sampled...: 07/18/07 16:00 **Date Received..:** 07/20/07
Prep Date.....: 07/23/07 **Analysis Date..:** 07/27/07
Prep Batch #...: 7204329 **Analysis Time..:** 21:24
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Diesel Range Organics (C10-C22)	**2.1 J,B**	**4.9**	**mg/kg**	**1.2**
Motor Oil Range Organics (C22-C36)	ND	4.9	mg/kg	1.2

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	70	(45 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: OT32-SB10-15

GC Semivolatiles

Lot-Sample #...: D7G200178-011 **Work Order #...:** J29EW1A6 **Matrix.....:** SO
Date Sampled...: 07/19/07 09:10 **Date Received..:** 07/20/07
Prep Date.....: 07/23/07 **Analysis Date..:** 07/27/07
Prep Batch #...: 7204329 **Analysis Time..:** 22:02
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Diesel Range Organics (C10-C22)	**2.0 J,B**	**4.7**	**mg/kg**	**1.2**
Motor Oil Range Organics (C22-C36)	ND	4.7	mg/kg	1.2

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	79	(45 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: OT32-SB10-25

GC Semivolatiles

Lot-Sample #...: D7G200178-012 **Work Order #...:** J29E21AH **Matrix.....:** SO
Date Sampled...: 07/19/07 09:20 **Date Received..:** 07/20/07
Prep Date.....: 07/23/07 **Analysis Date..:** 07/27/07
Prep Batch #...: 7204329 **Analysis Time..:** 22:39
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Diesel Range Organics (C10-C22)	**1.9 J,B**	**4.7**	**mg/kg**	**1.2**
Motor Oil Range Organics (C22-C36)	ND	4.7	mg/kg	1.2

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	71	(45 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: OT32-SB09-15

GC Semivolatiles

Lot-Sample #...: D7G200178-013 **Work Order #...:** J29E41AT **Matrix.....:** SO
Date Sampled...: 07/19/07 10:30 **Date Received..:** 07/20/07
Prep Date.....: 07/23/07 **Analysis Date..:** 07/28/07
Prep Batch #...: 7204329 **Analysis Time..:** 00:32
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Diesel Range Organics (C10-C22)	**2.0 J,B**	**4.8**	**mg/kg**	**1.2**
Motor Oil Range Organics (C22-C36)	ND	4.8	mg/kg	1.2

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	69	(45 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: OT32-SB09-25

GC Semivolatiles

Lot-Sample #...: D7G200178-014 **Work Order #...:** J29E71A4 **Matrix.....:** SO
Date Sampled...: 07/19/07 10:40 **Date Received..:** 07/20/07
Prep Date.....: 07/23/07 **Analysis Date..:** 07/28/07
Prep Batch #...: 7204329 **Analysis Time..:** 01:10
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Diesel Range Organics (C10-C22)	**2.0 J,B**	**4.8**	**mg/kg**	**1.2**
Motor Oil Range Organics (C22-C36)	ND	4.8	mg/kg	1.2

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	75	(45 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: OT37-MW07

GC Semivolatiles

Lot-Sample #...: D7G200178-005 **Work Order #...:** J29EF1AA **Matrix.....:** WG
Date Sampled...: 07/18/07 16:45 **Date Received..:** 07/20/07
Prep Date.....: 07/20/07 **Analysis Date..:** 07/24/07
Prep Batch #...: 7201422 **Analysis Time..:** 04:45
Dilution Factor: 1

Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	1.0	ug/L	0.12
Aroclor 1221	ND	1.0	ug/L	0.21
Aroclor 1232	ND	1.0	ug/L	0.17
Aroclor 1242	ND	1.0	ug/L	0.10
Aroclor 1248	ND	1.0	ug/L	0.092
Aroclor 1254	ND	1.0	ug/L	0.11
Aroclor 1260	ND	1.0	ug/L	0.16

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	80	(51 - 122)
Decachlorobiphenyl	75	(41 - 138)

Bhate Environmental Associates

Client Sample ID: OT37-MW07-A

GC Semivolatiles

Lot-Sample #...: D7G200178-006 **Work Order #...:** J29EH1AA **Matrix.....:** WG
Date Sampled...: 07/18/07 16:45 **Date Received..:** 07/20/07
Prep Date.....: 07/20/07 **Analysis Date..:** 07/24/07
Prep Batch #...: 7201422 **Analysis Time..:** 05:36
Dilution Factor: 1

Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	1.0	ug/L	0.12
Aroclor 1221	ND	1.0	ug/L	0.21
Aroclor 1232	ND	1.0	ug/L	0.17
Aroclor 1242	ND	1.0	ug/L	0.10
Aroclor 1248	ND	1.0	ug/L	0.092
Aroclor 1254	ND	1.0	ug/L	0.11
Aroclor 1260	ND	1.0	ug/L	0.16

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	83	(51 - 122)
Decachlorobiphenyl	91	(41 - 138)

Bhate Environmental Associates

Client Sample ID: OT37-MW08

GC Semivolatiles

Lot-Sample #...: D7G200178-010 **Work Order #...:** J29EM1AA **Matrix.....:** WG
Date Sampled...: 07/19/07 09:15 **Date Received..:** 07/20/07
Prep Date.....: 07/20/07 **Analysis Date..:** 07/24/07
Prep Batch #...: 7201422 **Analysis Time..:** 05:53
Dilution Factor: 1

Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	1.0	ug/L	0.12
Aroclor 1221	ND	1.0	ug/L	0.21
Aroclor 1232	ND	1.0	ug/L	0.17
Aroclor 1242	ND	1.0	ug/L	0.10
Aroclor 1248	ND	1.0	ug/L	0.092
Aroclor 1254	ND	1.0	ug/L	0.11
Aroclor 1260	ND	1.0	ug/L	0.16

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	85	(51 - 122)
Decachlorobiphenyl	66	(41 - 138)

Bhate Environmental Associates

Client Sample ID: OT37-MW07

HPLC

Lot-Sample #...: D7G200178-005 **Work Order #...:** J29EF1AC **Matrix.....:** WG
Date Sampled...: 07/18/07 16:45 **Date Received..:** 07/20/07
Prep Date.....: 08/01/07 **Analysis Date..:** 08/02/07
Prep Batch #...: 7213214 **Analysis Time..:** 23:45
Dilution Factor: 5

Method.....: SW846 6860

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Perchlorate	**1.8**	**0.50**	**ug/L**	**0.044**

Bhate Environmental Associates

Client Sample ID: OT37-MW07-A

HPLC

Lot-Sample #...: D7G200178-006 **Work Order #...:** J29EH1AC **Matrix.....:** WG
Date Sampled...: 07/18/07 16:45 **Date Received..:** 07/20/07
Prep Date.....: 08/01/07 **Analysis Date..:** 08/03/07
Prep Batch #...: 7213214 **Analysis Time..:** 01:12
Dilution Factor: 5

Method.....: SW846 6860

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Perchlorate	**1.7**	**0.50**	**ug/L**	**0.044**

Bhate Environmental Associates

Client Sample ID: OT37-MW08

HPLC

Lot-Sample #...:	D7G200178-010	**Work Order #...:**	J29EM1AC	**Matrix.....:**	WG
Date Sampled...:	07/19/07 09:15	**Date Received..:**	07/20/07		
Prep Date.....:	08/01/07	**Analysis Date..:**	08/03/07		
Prep Batch #...:	7213214	**Analysis Time..:**	01:41		
Dilution Factor:	10				
		Method.....:	SW846 6860		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Perchlorate	**2.7**	**1.0**	**ug/L**	**0.088**

Bhate Environmental Associates

Client Sample ID: OT32-SB12-15

TOTAL Metals

Lot-Sample #...: D7G200178-001 **Matrix.....:** SO
Date Sampled...: 07/18/07 13:50 **Date Received..:** 07/20/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7201487						
Silver	ND	1.2	mg/kg	SW846 6010B	07/23-07/24/07	J29DP1AF
		Dilution Factor: 1		Analysis Time..: 07:50	MDL.....: 0.19	
Aluminum	**13000**	**12**	**mg/kg**	**SW846 6010B**	**07/23-07/24/07**	**J29DP1AG**
		Dilution Factor: 1		Analysis Time..: 07:50	MDL.....: 5.7	
Arsenic	**4.2**	**2.3**	**mg/kg**	**SW846 6010B**	**07/23-07/24/07**	**J29DP1AH**
		Dilution Factor: 1		Analysis Time..: 07:50	MDL.....: 0.77	
Barium	**100**	**1.2**	**mg/kg**	**SW846 6010B**	**07/23-07/24/07**	**J29DP1AJ**
		Dilution Factor: 1		Analysis Time..: 07:50	MDL.....: 0.28	
Beryllium	**0.69**	**0.58**	**mg/kg**	**SW846 6010B**	**07/23-07/24/07**	**J29DP1AK**
		Dilution Factor: 1		Analysis Time..: 07:50	MDL.....: 0.17	
Calcium	**150000 J,L**	**58**	**mg/kg**	**SW846 6010B**	**07/23-07/24/07**	**J29DP1AL**
		Dilution Factor: 1		Analysis Time..: 07:50	MDL.....: 16	
Cadmium	**0.19 B**	**0.58**	**mg/kg**	**SW846 6010B**	**07/23-07/24/07**	**J29DP1AM**
		Dilution Factor: 1		Analysis Time..: 07:50	MDL.....: 0.048	
Cobalt	**3.4**	**1.2**	**mg/kg**	**SW846 6010B**	**07/23-07/24/07**	**J29DP1AN**
		Dilution Factor: 1		Analysis Time..: 07:50	MDL.....: 0.12	
Chromium	**15**	**1.7**	**mg/kg**	**SW846 6010B**	**07/23-07/24/07**	**J29DP1AP**
		Dilution Factor: 1		Analysis Time..: 07:50	MDL.....: 0.46	
Copper	**7.0**	**2.3**	**mg/kg**	**SW846 6010B**	**07/23-07/24/07**	**J29DP1AQ**
		Dilution Factor: 1		Analysis Time..: 07:50	MDL.....: 0.65	
Iron	**12000**	**17**	**mg/kg**	**SW846 6010B**	**07/23-07/24/07**	**J29DP1AR**
		Dilution Factor: 1		Analysis Time..: 07:50	MDL.....: 4.4	
Potassium	**2200**	**350**	**mg/kg**	**SW846 6010B**	**07/23-07/24/07**	**J29DP1AT**
		Dilution Factor: 1		Analysis Time..: 07:50	MDL.....: 48	
Magnesium	**6000**	**23**	**mg/kg**	**SW846 6010B**	**07/23-07/24/07**	**J29DP1AU**
		Dilution Factor: 1		Analysis Time..: 07:50	MDL.....: 4.3	

(Continued on next page)

Bhate Environmental Associates

Client Sample ID: OT32-SB12-15

TOTAL Metals

Lot-Sample #...: D7G200178-001 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	**130**	**1.2**	**mg/kg**	**SW846 6010B**	**07/23-07/24/07**	**J29DP1AV**
		Dilution Factor: 1		Analysis Time..: 07:50	MDL.....: 0.12	
Sodium	**3000 L**	**580**	**mg/kg**	**SW846 6010B**	**07/23-07/24/07**	**J29DP1AW**
		Dilution Factor: 1		Analysis Time..: 07:50	MDL.....: 68	
Nickel	**11**	**4.6**	**mg/kg**	**SW846 6010B**	**07/23-07/24/07**	**J29DP1AX**
		Dilution Factor: 1		Analysis Time..: 07:50	MDL.....: 0.28	
Lead	**7.2**	**0.93**	**mg/kg**	**SW846 6010B**	**07/23-07/24/07**	**J29DP1A0**
		Dilution Factor: 1		Analysis Time..: 07:50	MDL.....: 0.31	
Antimony	ND	1.7	mg/kg	SW846 6010B	07/23-07/24/07	J29DP1A1
		Dilution Factor: 1		Analysis Time..: 07:50	MDL.....: 0.44	
Selenium	ND	1.5	mg/kg	SW846 6010B	07/23-07/24/07	J29DP1A2
		Dilution Factor: 1		Analysis Time..: 07:50	MDL.....: 1.0	
Thallium	ND	1.4	mg/kg	SW846 6010B	07/23-07/24/07	J29DP1A3
		Dilution Factor: 1		Analysis Time..: 07:50	MDL.....: 0.75	
Vanadium	**32**	**2.3**	**mg/kg**	**SW846 6010B**	**07/23-07/24/07**	**J29DP1A4**
		Dilution Factor: 1		Analysis Time..: 07:50	MDL.....: 0.72	
Zinc	**32 J**	**3.5**	**mg/kg**	**SW846 6010B**	**07/23-07/24/07**	**J29DP1A5**
		Dilution Factor: 1		Analysis Time..: 07:50	MDL.....: 1.2	

Prep Batch #...: 7207200

Mercury	ND	38	ug/kg	SW846 7471A	07/30/07	J29DP1AD
		Dilution Factor: 1		Analysis Time..: 17:59	MDL.....: 3.2	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

L Serial dilution of a digestate in the analytical batch indicates that physical and chemical interferences are present.

B Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: OT32-SB12-25

TOTAL Metals

Lot-Sample #...: D7G200178-002 **Matrix.....:** SO
Date Sampled...: 07/18/07 14:15 **Date Received..:** 07/20/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7201487						
Silver	ND	1.3	mg/kg	SW846 6010B	07/23/07	J29EC1AR
		Dilution Factor: 1		Analysis Time..: 22:14	MDL.....: 0.20	
Aluminum	**8900**	**13**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29EC1AT**
		Dilution Factor: 1		Analysis Time..: 22:14	MDL.....: 6.2	
Arsenic	**0.88 B**	**2.6**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29EC1AU**
		Dilution Factor: 1		Analysis Time..: 22:14	MDL.....: 0.84	
Barium	**53**	**1.3**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29EC1AV**
		Dilution Factor: 1		Analysis Time..: 22:14	MDL.....: 0.31	
Beryllium	**0.38 B**	**0.64**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29EC1AW**
		Dilution Factor: 1		Analysis Time..: 22:14	MDL.....: 0.19	
Calcium	**170000 J,L**	**64**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29EC1AX**
		Dilution Factor: 1		Analysis Time..: 22:14	MDL.....: 18	
Cadmium	**0.084 B**	**0.64**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29EC1A0**
		Dilution Factor: 1		Analysis Time..: 22:14	MDL.....: 0.052	
Cobalt	**2.2**	**1.3**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29EC1A1**
		Dilution Factor: 1		Analysis Time..: 22:14	MDL.....: 0.13	
Chromium	**9.9**	**1.9**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29EC1A2**
		Dilution Factor: 1		Analysis Time..: 22:14	MDL.....: 0.51	
Copper	**4.5**	**2.6**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29EC1A3**
		Dilution Factor: 1		Analysis Time..: 22:14	MDL.....: 0.71	
Iron	**6300**	**19**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29EC1A4**
		Dilution Factor: 1		Analysis Time..: 22:14	MDL.....: 4.8	
Potassium	**2000**	**380**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29EC1A5**
		Dilution Factor: 1		Analysis Time..: 22:14	MDL.....: 52	
Magnesium	**4500**	**26**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29EC1A6**
		Dilution Factor: 1		Analysis Time..: 22:14	MDL.....: 4.7	

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Bhate Environmental Associates

Client Sample ID: OT32-SB12-25

TOTAL Metals

Lot-Sample #...: D7G200178-002 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	**78**	**1.3**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29EC1A7**
		Dilution Factor: 1		Analysis Time..: 22:14	MDL.....: 0.13	
Sodium	**1500 L**	**640**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29EC1A8**
		Dilution Factor: 1		Analysis Time..: 22:14	MDL.....: 75	
Nickel	**6.2**	**5.1**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29EC1A9**
		Dilution Factor: 1		Analysis Time..: 22:14	MDL.....: 0.31	
Lead	**4.3**	**1.0**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29EC1AA**
		Dilution Factor: 1		Analysis Time..: 22:14	MDL.....: 0.34	
Antimony	ND	1.9	mg/kg	SW846 6010B	07/23/07	J29EC1AC
		Dilution Factor: 1		Analysis Time..: 22:14	MDL.....: 0.48	
Selenium	ND	1.7	mg/kg	SW846 6010B	07/23/07	J29EC1AD
		Dilution Factor: 1		Analysis Time..: 22:14	MDL.....: 1.1	
Thallium	ND	1.5	mg/kg	SW846 6010B	07/23/07	J29EC1AE
		Dilution Factor: 1		Analysis Time..: 22:14	MDL.....: 0.83	
Vanadium	**12**	**2.6**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29EC1AF**
		Dilution Factor: 1		Analysis Time..: 22:14	MDL.....: 0.79	
Zinc	**21 J**	**3.8**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29EC1AG**
		Dilution Factor: 1		Analysis Time..: 22:14	MDL.....: 1.3	

Prep Batch #...: 7207200

Mercury	ND	42	ug/kg	SW846 7471A	07/30/07	J29EC1AP
		Dilution Factor: 1		Analysis Time..: 18:10	MDL.....: 3.6	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

L Serial dilution of a digestate in the analytical batch indicates that physical and chemical interferences are present.

Bhate Environmental Associates

Client Sample ID: OT32-SB11-15

TOTAL Metals

Lot-Sample #...: D7G200178-003 **Matrix.....:** SO
Date Sampled...: 07/18/07 15:50 **Date Received..:** 07/20/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7201487						
Silver	ND	1.2	mg/kg	SW846 6010B	07/23/07	J29ED1AR
		Dilution Factor: 1		Analysis Time..: 22:19	MDL.....: 0.19	
Aluminum	**4800**	**12**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29ED1AT**
		Dilution Factor: 1		Analysis Time..: 22:19	MDL.....: 5.8	
Arsenic	**1.7 B**	**2.4**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29ED1AU**
		Dilution Factor: 1		Analysis Time..: 22:19	MDL.....: 0.79	
Barium	**81**	**1.2**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29ED1AV**
		Dilution Factor: 1		Analysis Time..: 22:19	MDL.....: 0.29	
Beryllium	ND	0.60	mg/kg	SW846 6010B	07/23/07	J29ED1AW
		Dilution Factor: 1		Analysis Time..: 22:19	MDL.....: 0.18	
Calcium	**200000 J,L**	**60**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29ED1AX**
		Dilution Factor: 1		Analysis Time..: 22:19	MDL.....: 17	
Cadmium	**0.093 B**	**0.60**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29ED1A0**
		Dilution Factor: 1		Analysis Time..: 22:19	MDL.....: 0.049	
Cobalt	**2.3**	**1.2**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29ED1A1**
		Dilution Factor: 1		Analysis Time..: 22:19	MDL.....: 0.12	
Chromium	**5.0**	**1.8**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29ED1A2**
		Dilution Factor: 1		Analysis Time..: 22:19	MDL.....: 0.48	
Copper	**2.9**	**2.4**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29ED1A3**
		Dilution Factor: 1		Analysis Time..: 22:19	MDL.....: 0.67	
Iron	**4100**	**18**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29ED1A4**
		Dilution Factor: 1		Analysis Time..: 22:19	MDL.....: 4.5	
Potassium	**1100**	**360**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29ED1A5**
		Dilution Factor: 1		Analysis Time..: 22:19	MDL.....: 49	
Magnesium	**3400**	**24**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29ED1A6**
		Dilution Factor: 1		Analysis Time..: 22:19	MDL.....: 4.4	

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Bhate Environmental Associates

Client Sample ID: OT32-SB11-15

TOTAL Metals

Lot-Sample #...: D7G200178-003 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	**130**	**1.2**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29ED1A7**
		Dilution Factor: 1		Analysis Time..: 22:19	MDL.....: 0.12	
Sodium	**590 B,L**	**600**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29ED1A8**
		Dilution Factor: 1		Analysis Time..: 22:19	MDL.....: 70	
Nickel	**4.4 B**	**4.8**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29ED1A9**
		Dilution Factor: 1		Analysis Time..: 22:19	MDL.....: 0.29	
Lead	**2.9**	**0.95**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29ED1AA**
		Dilution Factor: 1		Analysis Time..: 22:19	MDL.....: 0.32	
Antimony	ND	1.8	mg/kg	SW846 6010B	07/23/07	J29ED1AC
		Dilution Factor: 1		Analysis Time..: 22:19	MDL.....: 0.45	
Selenium	ND	1.5	mg/kg	SW846 6010B	07/23/07	J29ED1AD
		Dilution Factor: 1		Analysis Time..: 22:19	MDL.....: 1.0	
Thallium	ND	1.4	mg/kg	SW846 6010B	07/23/07	J29ED1AE
		Dilution Factor: 1		Analysis Time..: 22:19	MDL.....: 0.77	
Vanadium	**8.4**	**2.4**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29ED1AF**
		Dilution Factor: 1		Analysis Time..: 22:19	MDL.....: 0.74	
Zinc	**13 J**	**3.6**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29ED1AG**
		Dilution Factor: 1		Analysis Time..: 22:19	MDL.....: 1.2	

Prep Batch #...: 7207200

Mercury	ND	39	ug/kg	SW846 7471A	07/30/07	J29ED1AP
		Dilution Factor: 1		Analysis Time..: 18:13	MDL.....: 3.3	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

L Serial dilution of a digestate in the analytical batch indicates that physical and chemical interferences are present.

Bhate Environmental Associates

Client Sample ID: OT32-SB11-25

TOTAL Metals

Lot-Sample #...: D7G200178-004 **Matrix.....:** SO
Date Sampled...: 07/18/07 16:00 **Date Received..:** 07/20/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7201487						
Silver	ND	1.2	mg/kg	SW846 6010B	07/23/07	J29EE1AR
		Dilution Factor: 1		Analysis Time..: 22:24	MDL.....: 0.19	
Aluminum	**2400**	**12**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29EE1AT**
		Dilution Factor: 1		Analysis Time..: 22:24	MDL.....: 6.0	
Arsenic	ND	2.4	mg/kg	SW846 6010B	07/23/07	J29EE1AU
		Dilution Factor: 1		Analysis Time..: 22:24	MDL.....: 0.80	
Barium	**38**	**1.2**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29EE1AV**
		Dilution Factor: 1		Analysis Time..: 22:24	MDL.....: 0.29	
Beryllium	ND	0.61	mg/kg	SW846 6010B	07/23/07	J29EE1AW
		Dilution Factor: 1		Analysis Time..: 22:24	MDL.....: 0.18	
Calcium	**210000 J,L**	**61**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29EE1AX**
		Dilution Factor: 1		Analysis Time..: 22:24	MDL.....: 17	
Cadmium	ND	0.61	mg/kg	SW846 6010B	07/23/07	J29EE1A0
		Dilution Factor: 1		Analysis Time..: 22:24	MDL.....: 0.050	
Cobalt	**0.81 B**	**1.2**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29EE1A1**
		Dilution Factor: 1		Analysis Time..: 22:24	MDL.....: 0.12	
Chromium	**2.7**	**1.8**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29EE1A2**
		Dilution Factor: 1		Analysis Time..: 22:24	MDL.....: 0.49	
Copper	**1.5 B**	**2.4**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29EE1A3**
		Dilution Factor: 1		Analysis Time..: 22:24	MDL.....: 0.68	
Iron	**2200**	**18**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29EE1A4**
		Dilution Factor: 1		Analysis Time..: 22:24	MDL.....: 4.6	
Potassium	**650**	**360**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29EE1A5**
		Dilution Factor: 1		Analysis Time..: 22:24	MDL.....: 50	
Magnesium	**2300**	**24**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29EE1A6**
		Dilution Factor: 1		Analysis Time..: 22:24	MDL.....: 4.5	

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Bhate Environmental Associates

Client Sample ID: OT32-SB11-25

TOTAL Metals

Lot-Sample #...: D7G200178-004 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	**21**	**1.2**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29EE1A7**
		Dilution Factor: 1		Analysis Time..: 22:24	MDL.....: 0.12	
Sodium	**400 B,L**	**610**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29EE1A8**
		Dilution Factor: 1		Analysis Time..: 22:24	MDL.....: 72	
Nickel	**1.6 B**	**4.9**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29EE1A9**
		Dilution Factor: 1		Analysis Time..: 22:24	MDL.....: 0.29	
Lead	**2.3**	**0.97**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29EE1AA**
		Dilution Factor: 1		Analysis Time..: 22:24	MDL.....: 0.33	
Antimony	ND	1.8	mg/kg	SW846 6010B	07/23/07	J29EE1AC
		Dilution Factor: 1		Analysis Time..: 22:24	MDL.....: 0.46	
Selenium	ND	1.6	mg/kg	SW846 6010B	07/23/07	J29EE1AD
		Dilution Factor: 1		Analysis Time..: 22:24	MDL.....: 1.0	
Thallium	ND	1.5	mg/kg	SW846 6010B	07/23/07	J29EE1AE
		Dilution Factor: 1		Analysis Time..: 22:24	MDL.....: 0.79	
Vanadium	**5.1**	**2.4**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29EE1AF**
		Dilution Factor: 1		Analysis Time..: 22:24	MDL.....: 0.75	
Zinc	**6.6 J**	**3.6**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29EE1AG**
		Dilution Factor: 1		Analysis Time..: 22:24	MDL.....: 1.2	

Prep Batch #...: 7207200

Mercury	ND	40	ug/kg	SW846 7471A	07/30/07	J29EE1AP
		Dilution Factor: 1		Analysis Time..: 18:15	MDL.....: 3.4	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

L Serial dilution of a digestate in the analytical batch indicates that physical and chemical interferences are present.

B Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: OT37-MW07

TOTAL Metals

Lot-Sample #...: D7G200178-005
Date Sampled...: 07/18/07 16:45 **Date Received..:** 07/20/07 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7204497						
Selenium	**5.5 B**	**15**	**ug/L**	**SW846 6010B**	**07/24-07/25/07**	**J29EF1AD**
		Dilution Factor: 1		Analysis Time..: 17:31	MDL.....: 4.9	
Barium	**56**	**10**	**ug/L**	**SW846 6010B**	**07/24-07/25/07**	**J29EF1AE**
		Dilution Factor: 1		Analysis Time..: 17:31	MDL.....: 1.0	
Cadmium	**1.1 B**	**5.0**	**ug/L**	**SW846 6010B**	**07/24-07/25/07**	**J29EF1AF**
		Dilution Factor: 1		Analysis Time..: 17:31	MDL.....: 0.45	
Chromium	ND	10	ug/L	SW846 6010B	07/24-07/25/07	J29EF1AG
		Dilution Factor: 1		Analysis Time..: 17:31	MDL.....: 2.6	
Silver	ND	10	ug/L	SW846 6010B	07/24-07/25/07	J29EF1AH
		Dilution Factor: 1		Analysis Time..: 17:31	MDL.....: 2.8	
Arsenic	**8.6 B**	**15**	**ug/L**	**SW846 6010B**	**07/24-07/25/07**	**J29EF1AJ**
		Dilution Factor: 1		Analysis Time..: 17:31	MDL.....: 4.4	
Lead	ND	9.0	ug/L	SW846 6010B	07/24-07/25/07	J29EF1AK
		Dilution Factor: 1		Analysis Time..: 17:31	MDL.....: 2.6	
Prep Batch #...: 7209154						
Mercury	**0.038 B,J**	**0.20**	**ug/L**	**SW846 7470A**	**08/02-08/03/07**	**J29EF1AL**
		Dilution Factor: 1		Analysis Time..: 00:40	MDL.....: 0.027	

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: OT37-MW07-A

TOTAL Metals

Lot-Sample #...: D7G200178-006 **Matrix.....:** WG
Date Sampled...: 07/18/07 16:45 **Date Received..:** 07/20/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7204497						
Selenium	**7.5 B**	**15**	**ug/L**	**SW846 6010B**	**07/24-07/25/07**	**J29EH1AD**
		Dilution Factor: 1		Analysis Time..: 17:51	MDL.....: 4.9	
Barium	**54**	**10**	**ug/L**	**SW846 6010B**	**07/24-07/25/07**	**J29EH1AE**
		Dilution Factor: 1		Analysis Time..: 17:51	MDL.....: 1.0	
Cadmium	**1.0 B**	**5.0**	**ug/L**	**SW846 6010B**	**07/24-07/25/07**	**J29EH1AF**
		Dilution Factor: 1		Analysis Time..: 17:51	MDL.....: 0.45	
Chromium	ND	10	ug/L	SW846 6010B	07/24-07/25/07	J29EH1AG
		Dilution Factor: 1		Analysis Time..: 17:51	MDL.....: 2.6	
Silver	ND	10	ug/L	SW846 6010B	07/24-07/25/07	J29EH1AH
		Dilution Factor: 1		Analysis Time..: 17:51	MDL.....: 2.8	
Arsenic	**9.8 B**	**15**	**ug/L**	**SW846 6010B**	**07/24-07/25/07**	**J29EH1AJ**
		Dilution Factor: 1		Analysis Time..: 17:51	MDL.....: 4.4	
Lead	ND	9.0	ug/L	SW846 6010B	07/24-07/25/07	J29EH1AK
		Dilution Factor: 1		Analysis Time..: 17:51	MDL.....: 2.6	
Prep Batch #...: 7209154						
Mercury	**0.036 B,J**	**0.20**	**ug/L**	**SW846 7470A**	**08/02-08/03/07**	**J29EH1AL**
		Dilution Factor: 1		Analysis Time..: 00:47	MDL.....: 0.027	

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: OT37-MW08

TOTAL Metals

Lot-Sample #...: D7G200178-010 **Matrix.....:** WG
Date Sampled...: 07/19/07 09:15 **Date Received..:** 07/20/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7204497						
Selenium	ND	15	ug/L	SW846 6010B	07/24-07/25/07	J29EM1AD
		Dilution Factor: 1		Analysis Time..: 17:57	MDL.....: 4.9	
Barium	**110**	**10**	**ug/L**	**SW846 6010B**	**07/24-07/25/07**	**J29EM1AE**
		Dilution Factor: 1		Analysis Time..: 17:57	MDL.....: 1.0	
Cadmium	**1.2 B**	**5.0**	**ug/L**	**SW846 6010B**	**07/24-07/25/07**	**J29EM1AF**
		Dilution Factor: 1		Analysis Time..: 17:57	MDL.....: 0.45	
Chromium	ND	10	ug/L	SW846 6010B	07/24-07/25/07	J29EM1AG
		Dilution Factor: 1		Analysis Time..: 17:57	MDL.....: 2.6	
Silver	ND	10	ug/L	SW846 6010B	07/24-07/25/07	J29EM1AH
		Dilution Factor: 1		Analysis Time..: 17:57	MDL.....: 2.8	
Arsenic	**4.5 B**	**15**	**ug/L**	**SW846 6010B**	**07/24-07/25/07**	**J29EM1AJ**
		Dilution Factor: 1		Analysis Time..: 17:57	MDL.....: 4.4	
Lead	ND	9.0	ug/L	SW846 6010B	07/24-07/25/07	J29EM1AK
		Dilution Factor: 1		Analysis Time..: 17:57	MDL.....: 2.6	
Prep Batch #...: 7209154						
Mercury	**0.035 B,J**	**0.20**	**ug/L**	**SW846 7470A**	**08/02-08/03/07**	**J29EM1AL**
		Dilution Factor: 1		Analysis Time..: 00:54	MDL.....: 0.027	

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: OT32-SB10-15

TOTAL Metals

Lot-Sample #...: D7G200178-011
Date Sampled...: 07/19/07 09:10 **Date Received..:** 07/20/07 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7201487						
Silver	ND	1.2	mg/kg	SW846 6010B	07/23/07	J29EW1AE
		Dilution Factor: 1		Analysis Time..: 22:29	MDL.....: 0.19	
Aluminum	**11000**	**12**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29EW1AF**
		Dilution Factor: 1		Analysis Time..: 22:29	MDL.....: 5.7	
Arsenic	**2.2 B**	**2.3**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29EW1AG**
		Dilution Factor: 1		Analysis Time..: 22:29	MDL.....: 0.77	
Barium	**270**	**1.2**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29EW1AH**
		Dilution Factor: 1		Analysis Time..: 22:29	MDL.....: 0.28	
Beryllium	**0.61**	**0.58**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29EW1AJ**
		Dilution Factor: 1		Analysis Time..: 22:29	MDL.....: 0.18	
Calcium	**47000 J,L**	**58**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29EW1AK**
		Dilution Factor: 1		Analysis Time..: 22:29	MDL.....: 16	
Cadmium	**0.069 B**	**0.58**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29EW1AL**
		Dilution Factor: 1		Analysis Time..: 22:29	MDL.....: 0.048	
Cobalt	**3.1**	**1.2**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29EW1AM**
		Dilution Factor: 1		Analysis Time..: 22:29	MDL.....: 0.12	
Chromium	**12**	**1.8**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29EW1AN**
		Dilution Factor: 1		Analysis Time..: 22:29	MDL.....: 0.47	
Copper	**5.0**	**2.3**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29EW1AP**
		Dilution Factor: 1		Analysis Time..: 22:29	MDL.....: 0.65	
Iron	**9800**	**18**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29EW1AQ**
		Dilution Factor: 1		Analysis Time..: 22:29	MDL.....: 4.4	
Potassium	**3000**	**350**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29EW1AR**
		Dilution Factor: 1		Analysis Time..: 22:29	MDL.....: 48	
Magnesium	**5600**	**23**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29EW1AT**
		Dilution Factor: 1		Analysis Time..: 22:29	MDL.....: 4.3	

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Bhate Environmental Associates

Client Sample ID: OT32-SB10-15

TOTAL Metals

Lot-Sample #...: D7G200178-011 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	**160**	**1.2**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29EW1AU**
		Dilution Factor: 1		Analysis Time..: 22:29	MDL.....: 0.12	
Sodium	**1100 L**	**580**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29EW1AV**
		Dilution Factor: 1		Analysis Time..: 22:29	MDL.....: 69	
Nickel	**8.3**	**4.7**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29EW1AW**
		Dilution Factor: 1		Analysis Time..: 22:29	MDL.....: 0.28	
Lead	**7.5**	**0.93**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29EW1AX**
		Dilution Factor: 1		Analysis Time..: 22:29	MDL.....: 0.32	
Antimony	ND	1.8	mg/kg	SW846 6010B	07/23/07	J29EW1A0
		Dilution Factor: 1		Analysis Time..: 22:29	MDL.....: 0.44	
Selenium	ND	1.5	mg/kg	SW846 6010B	07/23/07	J29EW1A1
		Dilution Factor: 1		Analysis Time..: 22:29	MDL.....: 1.0	
Thallium	ND	1.4	mg/kg	SW846 6010B	07/23/07	J29EW1A2
		Dilution Factor: 1		Analysis Time..: 22:29	MDL.....: 0.76	
Vanadium	**20**	**2.3**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29EW1A3**
		Dilution Factor: 1		Analysis Time..: 22:29	MDL.....: 0.72	
Zinc	**29 J**	**3.5**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29EW1A4**
		Dilution Factor: 1		Analysis Time..: 22:29	MDL.....: 1.2	

Prep Batch #...: 7207200

Mercury	ND	39	ug/kg	SW846 7471A	07/30/07	J29EW1AC
		Dilution Factor: 1		Analysis Time..: 18:17	MDL.....: 3.3	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

L Serial dilution of a digestate in the analytical batch indicates that physical and chemical interferences are present.

Bhate Environmental Associates

Client Sample ID: OT32-SB10-25

TOTAL Metals

Lot-Sample #...: D7G200178-012 **Matrix.....:** SO
Date Sampled...: 07/19/07 09:20 **Date Received..:** 07/20/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7201487						
Silver	ND	1.2	mg/kg	SW846 6010B	07/23/07	J29E21AP
		Dilution Factor: 1		Analysis Time..: 22:34	MDL.....: 0.19	
Aluminum	**8800**	**12**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29E21AQ**
		Dilution Factor: 1		Analysis Time..: 22:34	MDL.....: 5.8	
Arsenic	**2.7**	**2.3**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29E21AR**
		Dilution Factor: 1		Analysis Time..: 22:34	MDL.....: 0.77	
Barium	**140**	**1.2**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29E21AT**
		Dilution Factor: 1		Analysis Time..: 22:34	MDL.....: 0.28	
Beryllium	**0.37 B**	**0.59**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29E21AU**
		Dilution Factor: 1		Analysis Time..: 22:34	MDL.....: 0.18	
Calcium	**160000 J,L**	**59**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29E21AV**
		Dilution Factor: 1		Analysis Time..: 22:34	MDL.....: 17	
Cadmium	**0.12 B**	**0.59**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29E21AW**
		Dilution Factor: 1		Analysis Time..: 22:34	MDL.....: 0.048	
Cobalt	**3.6**	**1.2**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29E21AX**
		Dilution Factor: 1		Analysis Time..: 22:34	MDL.....: 0.12	
Chromium	**9.6**	**1.8**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29E21A0**
		Dilution Factor: 1		Analysis Time..: 22:34	MDL.....: 0.47	
Copper	**4.3**	**2.3**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29E21A1**
		Dilution Factor: 1		Analysis Time..: 22:34	MDL.....: 0.66	
Iron	**8800**	**18**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29E21A2**
		Dilution Factor: 1		Analysis Time..: 22:34	MDL.....: 4.5	
Potassium	**1900**	**350**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29E21A3**
		Dilution Factor: 1		Analysis Time..: 22:34	MDL.....: 48	
Magnesium	**6800**	**23**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29E21A4**
		Dilution Factor: 1		Analysis Time..: 22:34	MDL.....: 4.3	

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Bhate Environmental Associates

Client Sample ID: OT32-SB10-25

TOTAL Metals

Lot-Sample #...: D7G200178-012 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	**150**	**1.2**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29E21A5**
		Dilution Factor: 1		Analysis Time..: 22:34	MDL.....: 0.12	
Sodium	**1700 L**	**590**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29E21A6**
		Dilution Factor: 1		Analysis Time..: 22:34	MDL.....: 69	
Nickel	**6.8**	**4.7**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29E21A7**
		Dilution Factor: 1		Analysis Time..: 22:34	MDL.....: 0.28	
Lead	**4.6**	**0.94**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29E21A8**
		Dilution Factor: 1		Analysis Time..: 22:34	MDL.....: 0.32	
Antimony	ND	1.8	mg/kg	SW846 6010B	07/23/07	J29E21AA
		Dilution Factor: 1		Analysis Time..: 22:34	MDL.....: 0.45	
Selenium	ND	1.5	mg/kg	SW846 6010B	07/23/07	J29E21AC
		Dilution Factor: 1		Analysis Time..: 22:34	MDL.....: 1.0	
Thallium	ND	1.4	mg/kg	SW846 6010B	07/23/07	J29E21AD
		Dilution Factor: 1		Analysis Time..: 22:34	MDL.....: 0.76	
Vanadium	**20**	**2.3**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29E21AE**
		Dilution Factor: 1		Analysis Time..: 22:34	MDL.....: 0.73	
Zinc	**18 J**	**3.5**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29E21AF**
		Dilution Factor: 1		Analysis Time..: 22:34	MDL.....: 1.2	

Prep Batch #...: 7207200

Mercury	ND	39	ug/kg	SW846 7471A	07/30/07	J29E21AM
		Dilution Factor: 1		Analysis Time..: 18:20	MDL.....: 3.3	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

L Serial dilution of a digestate in the analytical batch indicates that physical and chemical interferences are present.

Bhate Environmental Associates

Client Sample ID: OT32-SB09-15

TOTAL Metals

Lot-Sample #...: D7G200178-013 **Matrix.....:** SO
Date Sampled...: 07/19/07 10:30 **Date Received..:** 07/20/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7201487						
Silver	ND	1.2	mg/kg	SW846 6010B	07/23/07	J29E41A1
		Dilution Factor: 1		Analysis Time..: 22:38	MDL.....: 0.19	
Aluminum	**6500**	**12**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29E41A2**
		Dilution Factor: 1		Analysis Time..: 22:38	MDL.....: 5.9	
Arsenic	**2.0 B**	**2.4**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29E41A3**
		Dilution Factor: 1		Analysis Time..: 22:38	MDL.....: 0.80	
Barium	**47**	**1.2**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29E41A4**
		Dilution Factor: 1		Analysis Time..: 22:38	MDL.....: 0.29	
Beryllium	**0.29 B**	**0.60**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29E41A5**
		Dilution Factor: 1		Analysis Time..: 22:38	MDL.....: 0.18	
Calcium	**190000 J,L**	**60**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29E41A6**
		Dilution Factor: 1		Analysis Time..: 22:38	MDL.....: 17	
Cadmium	**0.078 B**	**0.60**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29E41A7**
		Dilution Factor: 1		Analysis Time..: 22:38	MDL.....: 0.049	
Cobalt	**2.2**	**1.2**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29E41A8**
		Dilution Factor: 1		Analysis Time..: 22:38	MDL.....: 0.12	
Chromium	**7.0**	**1.8**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29E41AA**
		Dilution Factor: 1		Analysis Time..: 22:38	MDL.....: 0.48	
Copper	**3.2**	**2.4**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29E41AC**
		Dilution Factor: 1		Analysis Time..: 22:38	MDL.....: 0.67	
Iron	**5800**	**18**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29E41AD**
		Dilution Factor: 1		Analysis Time..: 22:38	MDL.....: 4.6	
Potassium	**1600**	**360**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29E41AE**
		Dilution Factor: 1		Analysis Time..: 22:38	MDL.....: 49	
Magnesium	**3400**	**24**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29E41AF**
		Dilution Factor: 1		Analysis Time..: 22:38	MDL.....: 4.5	

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Bhate Environmental Associates

Client Sample ID: OT32-SB09-15

TOTAL Metals

Lot-Sample #...: D7G200178-013 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	**120**	**1.2**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29E41AG**
		Dilution Factor: 1		Analysis Time..: 22:38	MDL.....: 0.12	
Sodium	**1100 L**	**600**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29E41AH**
		Dilution Factor: 1		Analysis Time..: 22:38	MDL.....: 71	
Nickel	**5.2**	**4.8**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29E41AJ**
		Dilution Factor: 1		Analysis Time..: 22:38	MDL.....: 0.29	
Lead	**3.8**	**0.96**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29E41AK**
		Dilution Factor: 1		Analysis Time..: 22:38	MDL.....: 0.33	
Antimony	ND	1.8	mg/kg	SW846 6010B	07/23/07	J29E41AL
		Dilution Factor: 1		Analysis Time..: 22:38	MDL.....: 0.46	
Selenium	ND	1.6	mg/kg	SW846 6010B	07/23/07	J29E41AM
		Dilution Factor: 1		Analysis Time..: 22:38	MDL.....: 1.0	
Thallium	ND	1.4	mg/kg	SW846 6010B	07/23/07	J29E41AN
		Dilution Factor: 1		Analysis Time..: 22:38	MDL.....: 0.78	
Vanadium	**12**	**2.4**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29E41AP**
		Dilution Factor: 1		Analysis Time..: 22:38	MDL.....: 0.75	
Zinc	**16 J**	**3.6**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29E41AQ**
		Dilution Factor: 1		Analysis Time..: 22:38	MDL.....: 1.2	

Prep Batch #...: 7207200

Mercury	ND	40	ug/kg	SW846 7471A	07/30/07	J29E41AX
		Dilution Factor: 1		Analysis Time..: 18:22	MDL.....: 3.4	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

L Serial dilution of a digestate in the analytical batch indicates that physical and chemical interferences are present.

Bhate Environmental Associates

Client Sample ID: OT32-SB09-25

TOTAL Metals

Lot-Sample #...: D7G200178-014 **Matrix.....:** SO
Date Sampled...: 07/19/07 10:40 **Date Received..:** 07/20/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7201487						
Silver	ND	1.2	mg/kg	SW846 6010B	07/23/07	J29E71AC
		Dilution Factor: 1		Analysis Time..: 22:43	MDL.....: 0.19	
Aluminum	**10000**	**12**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29E71AD**
		Dilution Factor: 1		Analysis Time..: 22:43	MDL.....: 5.9	
Arsenic	**2.9**	**2.4**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29E71AE**
		Dilution Factor: 1		Analysis Time..: 22:43	MDL.....: 0.80	
Barium	**120**	**1.2**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29E71AF**
		Dilution Factor: 1		Analysis Time..: 22:43	MDL.....: 0.29	
Beryllium	**0.51 B**	**0.61**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29E71AG**
		Dilution Factor: 1		Analysis Time..: 22:43	MDL.....: 0.18	
Calcium	**97000 J,L**	**61**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29E71AH**
		Dilution Factor: 1		Analysis Time..: 22:43	MDL.....: 17	
Cadmium	**0.10 B**	**0.61**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29E71AJ**
		Dilution Factor: 1		Analysis Time..: 22:43	MDL.....: 0.050	
Cobalt	**3.1**	**1.2**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29E71AK**
		Dilution Factor: 1		Analysis Time..: 22:43	MDL.....: 0.12	
Chromium	**12**	**1.8**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29E71AL**
		Dilution Factor: 1		Analysis Time..: 22:43	MDL.....: 0.48	
Copper	**4.5**	**2.4**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29E71AM**
		Dilution Factor: 1		Analysis Time..: 22:43	MDL.....: 0.68	
Iron	**8400**	**18**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29E71AN**
		Dilution Factor: 1		Analysis Time..: 22:43	MDL.....: 4.6	
Potassium	**2100**	**360**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29E71AP**
		Dilution Factor: 1		Analysis Time..: 22:43	MDL.....: 50	
Magnesium	**5800**	**24**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29E71AQ**
		Dilution Factor: 1		Analysis Time..: 22:43	MDL.....: 4.5	

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Bhate Environmental Associates

Client Sample ID: OT32-SB09-25

TOTAL Metals

Lot-Sample #...: D7G200178-014 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	**170**	**1.2**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29E71AR**
		Dilution Factor: 1		Analysis Time..: 22:43	MDL.....: 0.12	
Sodium	**1100 L**	**610**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29E71AT**
		Dilution Factor: 1		Analysis Time..: 22:43	MDL.....: 71	
Nickel	**7.8**	**4.8**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29E71AU**
		Dilution Factor: 1		Analysis Time..: 22:43	MDL.....: 0.29	
Lead	**5.8**	**0.97**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29E71AV**
		Dilution Factor: 1		Analysis Time..: 22:43	MDL.....: 0.33	
Antimony	ND	1.8	mg/kg	SW846 6010B	07/23/07	J29E71AW
		Dilution Factor: 1		Analysis Time..: 22:43	MDL.....: 0.46	
Selenium	ND	1.6	mg/kg	SW846 6010B	07/23/07	J29E71AX
		Dilution Factor: 1		Analysis Time..: 22:43	MDL.....: 1.0	
Thallium	ND	1.5	mg/kg	SW846 6010B	07/23/07	J29E71A0
		Dilution Factor: 1		Analysis Time..: 22:43	MDL.....: 0.79	
Vanadium	**21**	**2.4**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29E71A1**
		Dilution Factor: 1		Analysis Time..: 22:43	MDL.....: 0.75	
Zinc	**22 J**	**3.6**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J29E71A2**
		Dilution Factor: 1		Analysis Time..: 22:43	MDL.....: 1.2	

Prep Batch #...: 7207200

Mercury	ND	40	ug/kg	SW846 7471A	07/30/07	J29E71A8
		Dilution Factor: 1		Analysis Time..: 18:24	MDL.....: 3.4	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

L Serial dilution of a digestate in the analytical batch indicates that physical and chemical interferences are present.

QC DATA ASSOCIATION SUMMARY

D7G200178

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	SO	SW846 8015B		7204329	7204164
	SO	SW846 8015B		7214343	7214225
	SO	SW846 7471A		7207200	7207096
	SO	SW846 8260B		7213179	7215252
	SO	SW846 8270C		7204311	7204157
	SO	SW846 6010B		7201487	7201315
	SO	MCAWW 160.3 MOD		7204395	7204211
	SO	EPA 906.0 MOD		7208296	7208177
002	SO	SW846 8015B		7204329	7204164
	SO	SW846 8015B		7214343	7214225
	SO	SW846 7471A		7207200	7207096
	SO	SW846 8260B		7213179	7215252
	SO	SW846 8270C		7204311	7204157
	SO	SW846 6010B		7201487	7201315
	SO	MCAWW 160.3 MOD		7204395	7204211
	SO	EPA 906.0 MOD		7208296	7208177
003	SO	SW846 8015B		7204329	7204164
	SO	SW846 8015B		7214343	7214225
	SO	SW846 7471A		7207200	7207096
	SO	SW846 8260B		7213179	7215252
	SO	SW846 8270C		7204311	7204157
	SO	SW846 6010B		7201487	7201315
	SO	MCAWW 160.3 MOD		7204395	7204211
	SO	EPA 906.0 MOD		7208296	7208177
004	SO	SW846 8015B		7204329	7204164
	SO	SW846 8015B		7214343	7214225
	SO	SW846 7471A		7207200	7207096
	SO	SW846 8260B		7213179	7215252
	SO	SW846 8270C		7204311	7204157
	SO	SW846 8270C		7208424	7208270
	SO	SW846 6010B		7201487	7201315
	SO	MCAWW 160.3 MOD		7204395	7204211
	SO	EPA 906.0 MOD		7208296	7208177
005	WG	MCAWW 160.1		7204488	7210036
	WG	SW846 7470A		7209154	7212097
	WG	SW846 8082		7201422	7201265
	WG	SW846 8260B		7213087	7213053
	WG	SW846 8270C		7204177	7204079
	WG	SW846 6010B		7204497	7204255

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Bhate Environmental Associates

Client Sample ID: OT32-SB12-15

General Chemistry

Lot-Sample #...: D7G200178-001 **Work Order #...:** J29DP **Matrix.....:** SO
Date Sampled...: 07/18/07 13:50 **Date Received..:** 07/20/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**14**	**0.10**	**%**	**MCAWW 160.3 MOD**	**07/25/07**	**7204395**

Dilution Factor: 1 Analysis Time..: 09:30 MDL.....: 0.0

Bhate Environmental Associates

Client Sample ID: OT32-SB12-25

General Chemistry

Lot-Sample #...: D7G200178-002 **Work Order #...:** J29EC **Matrix.....:** SO
Date Sampled...: 07/18/07 14:15 **Date Received..:** 07/20/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**22**	**0.10**	**%**	**MCAWW 160.3 MOD**	**07/25/07**	**7204395**
		Dilution Factor: 1		Analysis Time..: 09:30	MDL.....: 0.0	

Bhate Environmental Associates

Client Sample ID: OT32-SB11-15

General Chemistry

Lot-Sample #...: D7G200178-003 **Work Order #...:** J29ED **Matrix.....:** SO
Date Sampled...: 07/18/07 15:50 **Date Received..:** 07/20/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**16**	**0.10**	**%**	**MCAWW 160.3 MOD**	**07/25/07**	**7204395**
		Dilution Factor: 1		Analysis Time..: 09:30	MDL.....: 0.0	

Bhate Environmental Associates

Client Sample ID: OT32-SB11-25

General Chemistry

Lot-Sample #...: D7G200178-004 **Work Order #...:** J29EE **Matrix.....:** SO
Date Sampled...: 07/18/07 16:00 **Date Received..:** 07/20/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**18**	**0.10**	**%**	**MCAWW 160.3 MOD**	**07/25/07**	**7204395**
		Dilution Factor: 1		Analysis Time..: 09:30	MDL.....: 0.0	

Bhate Environmental Associates

Client Sample ID: OT37-MW07

General Chemistry

Lot-Sample #...: D7G200178-005 **Work Order #...:** J29EF **Matrix.....:** WG
Date Sampled...: 07/18/07 16:45 **Date Received..:** 07/20/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids	**16000 J,Q**	**100**	**mg/L**	**MCAWW 160.1**	**07/23/07**	**7204488**

Dilution Factor: 10 Analysis Time..: 16:30 MDL.....: 47

NOTE(S):

RL Reporting Limit

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

Bhate Environmental Associates

Client Sample ID: OT37-MW07-A

General Chemistry

Lot-Sample #...: D7G200178-006 **Work Order #...:** J29EH **Matrix.....:** WG
Date Sampled...: 07/18/07 16:45 **Date Received..:** 07/20/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids	**13000 J,Q**	**100**	**mg/L**	**MCAWW 160.1**	**07/23/07**	**7204488**

Dilution Factor: 10 Analysis Time..: 16:30 MDL.....: 47

NOTE(S):

RL Reporting Limit

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

Bhate Environmental Associates

Client Sample ID: OT37-MW08

General Chemistry

Lot-Sample #...: D7G200178-010 **Work Order #...:** J29EM **Matrix.....:** WG
Date Sampled...: 07/19/07 09:15 **Date Received..:** 07/20/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids	**22000 J,Q**	**100**	**mg/L**	**MCAWW 160.1**	**07/23/07**	**7204488**

Dilution Factor: 10 Analysis Time..: 16:30 MDL.....: 47

NOTE(S):

RL Reporting Limit

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

Bhate Environmental Associates

Client Sample ID: OT32-SB10-15

General Chemistry

Lot-Sample #...: D7G200178-011 **Work Order #...:** J29EW **Matrix.....:** SO
Date Sampled...: 07/19/07 09:10 **Date Received..:** 07/20/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**14**	**0.10**	**%**	**MCAWW 160.3 MOD**	**07/25/07**	**7206252**
		Dilution Factor: 1		Analysis Time..: 11:00	MDL.....: 0.0	

Bhate Environmental Associates

Client Sample ID: OT32-SB10-25

General Chemistry

Lot-Sample #...: D7G200178-012 **Work Order #...:** J29E2 **Matrix.....:** SO
Date Sampled...: 07/19/07 09:20 **Date Received..:** 07/20/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**15**	**0.10**	**%**	**MCAWW 160.3 MOD**	**07/25/07**	**7206252**
		Dilution Factor: 1		Analysis Time..: 11:00	MDL.....: 0.0	

Bhate Environmental Associates

Client Sample ID: OT32-SB09-15

General Chemistry

Lot-Sample #...: D7G200178-013 **Work Order #...:** J29E4 **Matrix.....:** SO
Date Sampled...: 07/19/07 10:30 **Date Received..:** 07/20/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**17**	**0.10**	**%**	**MCAWW 160.3 MOD**	**07/25/07**	**7206252**
		Dilution Factor: 1		Analysis Time..: 11:00	MDL.....: 0.0	

Bhate Environmental Associates

Client Sample ID: OT32-SB09-25

General Chemistry

Lot-Sample #...: D7G200178-014 **Work Order #...:** J29E7 **Matrix.....:** SO
Date Sampled...: 07/19/07 10:40 **Date Received..:** 07/20/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**17**	**0.10**	**%**	**MCAWW 160.3 MOD**	**07/25/07**	**7206252**
		Dilution Factor: 1		Analysis Time..: 11:00	MDL.....: 0.0	

Bhate Environmental Associates

Client Sample ID: OT32-SB12-15

Severn Trent Laboratories - Radiochemistry

Lab Sample ID: D7G200178-001
Work Order: J29DP
Matrix: SO

Date Collected: 07/18/07 1350
Date Received: 07/20/07 0900

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	RL	MDC	Prep Date	Analysis Date
TRITIUM (Distill) by EPA 906.0 MOD			**pCi/g**			**Batch # 7208296**	**Yld %**
Tritium	-0.15	U	0.31	1.00	0.55	07/27/07	07/30/07

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.
Bold results are greater than the MDC
U Result is less than the sample detection limit.

Bhate Environmental Associates

Client Sample ID: OT32-SB12-25

Severn Trent Laboratories - Radiochemistry

Lab Sample ID: D7G200178-002
Work Order: J29EC
Matrix: SO

Date Collected: 07/18/07 1415
Date Received: 07/20/07 0900

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	RL	MDC	Prep Date	Analysis Date
TRITIUM (Distill) by EPA 906.0 MOD			**pCi/g**			**Batch # 7208296**	**Yld %**
Tritium	-0.43	U	0.31	1.00	0.59	07/27/07	07/30/07

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.
Bold results are greater than the MDC
U Result is less than the sample detection limit.

Bhate Environmental Associates

Client Sample ID: OT32-SB11-15

Severn Trent Laboratories - Radiochemistry

Lab Sample ID: D7G200178-003
Work Order: J29ED
Matrix: SO

Date Collected: 07/18/07 1550
Date Received: 07/20/07 0900

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	RL	MDC	Prep Date	Analysis Date
TRITIUM (Distill) by EPA 906.0 MOD			**pCi/g**			**Batch # 7208296**	**Yld %**
Tritium	-0.08	U	0.32	1.00	0.56	07/27/07	07/30/07

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.
Bold results are greater than the MDC
U Result is less than the sample detection limit.

Bhate Environmental Associates

Client Sample ID: OT32-SB11-25

Severn Trent Laboratories - Radiochemistry

Lab Sample ID: D7G200178-004
Work Order: J29EE
Matrix: SO

Date Collected: 07/18/07 1600
Date Received: 07/20/07 0900

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	RL	MDC	Prep Date	Analysis Date
TRITIUM (Distill) by EPA 906.0 MOD			**pCi/g**			**Batch # 7208296**	**Yld %**
Tritium	-0.18	U	0.32	1.00	0.57	07/27/07	07/30/07

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.
Bold results are greater than the MDC
U Result is less than the sample detection limit.

Bhate Environmental Associates

Client Sample ID: OT32-SB10-15

Severn Trent Laboratories - Radiochemistry

Lab Sample ID: D7G200178-011
Work Order: J29EW
Matrix: SO

Date Collected: 07/19/07 0910
Date Received: 07/20/07 0900

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	RL	MDC	Prep Date	Analysis Date
TRITIUM (Distill) by EPA 906.0 MOD			**pCi/g**			**Batch # 7208296**	**Yld %**
Tritium	0.009	U	0.31	1.00	0.55	07/27/07	07/30/07

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.
Bold results are greater than the MDC
U Result is less than the sample detection limit.

Bhate Environmental Associates

Client Sample ID: OT32-SB10-25

Severn Trent Laboratories - Radiochemistry

Lab Sample ID: D7G200178-012
Work Order: J29E2
Matrix: SO

Date Collected: 07/19/07 0920
Date Received: 07/20/07 0900

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	RL	MDC	Prep Date	Analysis Date
TRITIUM (Distill) by EPA 906.0 MOD			**pCi/g**			**Batch # 7208296**	**Yld %**
Tritium	-0.30	U	0.31	1.00	0.55	07/27/07	07/30/07

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.
Bold results are greater than the MDC
U Result is less than the sample detection limit.

Bhate Environmental Associates

Client Sample ID: OT32-SB09-15

Severn Trent Laboratories - Radiochemistry

Lab Sample ID: D7G200178-013
Work Order: J29E4
Matrix: SO

Date Collected: 07/19/07 1030
Date Received: 07/20/07 0900

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	RL	MDC	Prep Date	Analysis Date
TRITIUM (Distill) by EPA 906.0 MOD			**pCi/g**			**Batch # 7208296**	**Yld %**
Tritium	-0.12	U	0.34	1.00	0.56	07/27/07	07/30/07

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.
Bold results are greater than the MDC
U Result is less than the sample detection limit.

Bhate Environmental Associates

Client Sample ID: OT32-SB09-25

Severn Trent Laboratories - Radiochemistry

Lab Sample ID:	D7G200178-014	Date Collected:	07/19/07 1040
Work Order:	J29E7	Date Received:	07/20/07 0900
Matrix:	SO		

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	RL	MDC	Prep Date	Analysis Date
TRITIUM (Distill) by EPA 906.0 MOD			**pCi/g**			**Batch # 7208296**	**Yld %**
Tritium	-0.02	U	0.83	1.00	0.56	07/27/07	07/30/07

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.
Bold results are greater than the MDC

U Result is less than the sample detection limit.

QC DATA ASSOCIATION SUMMARY

D7G200178

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
005	WG	SW846 6860		7213214	7213147
006	WG	MCAWW 160.1		7204488	7210036
	WG	SW846 7470A		7209154	7212097
	WG	SW846 8082		7201422	7201265
	WG	SW846 8260B		7213087	7213053
	WG	SW846 8270C		7204177	7204079
	WG	SW846 6010B		7204497	7204255
	WG	SW846 6860		7213214	7213147
007	WQ	SW846 8260B		7213087	7213053
008	WQ	SW846 8260B		7213087	7213053
009	WQ	SW846 8260B		7213087	7213053
010	WG	MCAWW 160.1		7204488	7210036
	WG	SW846 7470A		7209154	7212097
	WG	SW846 8082		7201422	7201265
	WG	SW846 8260B		7213087	7213053
	WG	SW846 8270C		7204177	7204079
	WG	SW846 6010B		7204497	7204255
	WG	SW846 6860		7213214	7213147
011	SO	SW846 8015B		7204329	7204164
	SO	SW846 8015B		7214343	7214225
	SO	SW846 7471A		7207200	7207096
	SO	SW846 8260B		7213179	7215252
	SO	SW846 8270C		7204311	7204157
	SO	SW846 6010B		7201487	7201315
	SO	MCAWW 160.3 MOD		7206252	7206150
	SO	EPA 906.0 MOD		7208296	7208177
012	SO	SW846 8015B		7204329	7204164
	SO	SW846 8015B		7214343	7214225
	SO	SW846 7471A		7207200	7207096
	SO	SW846 8260B		7213179	7215252
	SO	SW846 8270C		7204311	7204157
	SO	SW846 6010B		7201487	7201315
	SO	MCAWW 160.3 MOD		7206252	7206150
	SO	EPA 906.0 MOD		7208296	7208177

(Continued on next page)

QC DATA ASSOCIATION SUMMARY

D7G200178

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
013	SO	SW846 8015B		7204329	7204164
	SO	SW846 8015B		7214343	7214225
	SO	SW846 7471A		7207200	7207096
	SO	SW846 8260B		7213179	7215252
	SO	SW846 8270C		7204311	7204157
	SO	SW846 6010B		7201487	7201315
	SO	MCAWW 160.3 MOD		7206252	7206150
	SO	EPA 906.0 MOD		7208296	7208177
014	SO	SW846 8015B		7204329	7204164
	SO	SW846 8015B		7214343	7214225
	SO	SW846 7471A		7207200	7207096
	SO	SW846 8260B		7213179	7215252
	SO	SW846 8270C		7204311	7204157
	SO	SW846 6010B		7201487	7201315
	SO	MCAWW 160.3 MOD		7206252	7206150
	SO	EPA 906.0 MOD		7208296	7208177
015	WQ	SW846 8260B		7213087	7213053
016	WQ	SW846 8260B		7213087	7213053

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: D7G200178 **Work Order #...:** J30DL1AA **Matrix.....:** WATER
MB Lot-Sample #: D7H010000-087

Prep Date.....: 07/30/07 **Analysis Time..:** 16:47
Analysis Date..: 07/30/07 **Prep Batch #...:** 7213087
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	10	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	2.0	ug/L	SW846 8260B
2-Butanone (MEK)	ND	6.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	2.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	2.0	ug/L	SW846 8260B
Dibromomethane	ND	1.0	ug/L	SW846 8260B
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	2.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethene (total)	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	5.0	ug/L	SW846 8260B
Methylene chloride	ND	5.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	5.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
1,2,4-Trichloro-benzene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: D7G200178 **Work Order #...:** J30DL1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Trichlorofluoromethane	ND	2.0	ug/L	SW846 8260B
1,2,3-Trichloropropane	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	2.0	ug/L	SW846 8260B
n-Butylbenzene	ND	1.0	ug/L	SW846 8260B
sec-Butylbenzene	ND	1.0	ug/L	SW846 8260B
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
1,3,5-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
n-Propylbenzene	ND	1.0	ug/L	SW846 8260B
tert-Butylbenzene	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
2-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
4-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	SW846 8260B
1,3-Dichloropropane	ND	1.0	ug/L	SW846 8260B
2,2-Dichloropropane	ND	5.0	ug/L	SW846 8260B
1,1-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Hexachlorobutadiene	ND	1.0	ug/L	SW846 8260B
4-Isopropyltoluene	ND	1.0	ug/L	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/L	SW846 8260B
1,2,3-Trichlorobenzene	ND	1.0	ug/L	SW846 8260B
m-Xylene & p-Xylene	ND	2.0	ug/L	SW846 8260B
o-Xylene	ND	1.0	ug/L	SW846 8260B
Bromobenzene	ND	1.0	ug/L	SW846 8260B
Bromochloromethane	ND	1.0	ug/L	SW846 8260B
Naphthalene	ND	1.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	105	(77 - 119)
1,2-Dichloroethane-d4	100	(70 - 127)
4-Bromofluorobenzene	89	(78 - 118)
Toluene-d8	92	(83 - 125)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

ND: The analyte was analyzed for, but not detected.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: D7G200178 **Work Order #...:** J37KR1AA **Matrix.....:** SOLID
MB Lot-Sample #: D7H010000-179

Prep Date.....: 07/20/07 **Analysis Time..:** 11:10
Analysis Date..: 07/31/07 **Prep Batch #...:** 7213179
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	20	ug/kg	SW846 8260B
Benzene	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Bromomethane	ND	10	ug/kg	SW846 8260B
2-Butanone (MEK)	**9.4 J**	**20**	**ug/kg**	**SW846 8260B**
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Chloroethane	ND	10	ug/kg	SW846 8260B
Chloroform	ND	10	ug/kg	SW846 8260B
Chloromethane	ND	10	ug/kg	SW846 8260B
Dibromomethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromoethane (EDB)	ND	5.0	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dichlorodifluoromethane	ND	10	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethene (total)	ND	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	2.5	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	2.5	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
2-Hexanone	ND	20	ug/kg	SW846 8260B
Methylene chloride	ND	5.0	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	20	ug/kg	SW846 8260B
Styrene	ND	5.0	ug/kg	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: D7G200178 **Work Order #...:** J37KR1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Trichlorofluoromethane	ND	10	ug/kg	SW846 8260B
1,2,3-Trichloropropane	ND	5.0	ug/kg	SW846 8260B
Vinyl chloride	ND	5.0	ug/kg	SW846 8260B
Xylenes (total)	ND	5.0	ug/kg	SW846 8260B
n-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
sec-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
n-Propylbenzene	ND	5.0	ug/kg	SW846 8260B
tert-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B
2-Chlorotoluene	ND	5.0	ug/kg	SW846 8260B
4-Chlorotoluene	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	ND	10	ug/kg	SW846 8260B
1,3-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
2,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
Hexachlorobutadiene	ND	5.0	ug/kg	SW846 8260B
4-Isopropyltoluene	ND	5.0	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	20	ug/kg	SW846 8260B
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	SW846 8260B
m-Xylene & p-Xylene	ND	2.5	ug/kg	SW846 8260B
o-Xylene	ND	2.5	ug/kg	SW846 8260B
Bromobenzene	ND	5.0	ug/kg	SW846 8260B
Bromochloromethane	ND	5.0	ug/kg	SW846 8260B
Naphthalene	ND	5.0	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	101	(75 - 121)
1,2-Dichloroethane-d4	80	(58 - 140)
4-Bromofluorobenzene	120	(76 - 127)
Toluene-d8	102	(80 - 126)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7G200178 **Work Order #...:** J30DL1AC **Matrix.....:** WATER
LCS Lot-Sample#: D7H010000-087
Prep Date.....: 07/30/07 **Analysis Date..:** 07/30/07
Prep Batch #...: 7213087 **Analysis Time..:** 16:09
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Acetone	85	(48 - 130)	SW846 8260B
Benzene	82	(77 - 118)	SW846 8260B
Bromodichloromethane	84	(78 - 118)	SW846 8260B
Bromoform	81	(74 - 121)	SW846 8260B
Bromomethane	102	(42 - 154)	SW846 8260B
2-Butanone (MEK)	94	(57 - 120)	SW846 8260B
Carbon tetrachloride	91	(80 - 120)	SW846 8260B
Chlorobenzene	93	(78 - 118)	SW846 8260B
Chloroethane	93	(51 - 133)	SW846 8260B
Chloroform	89	(78 - 118)	SW846 8260B
Chloromethane	74	(46 - 142)	SW846 8260B
Dibromomethane	90	(77 - 117)	SW846 8260B
1,2-Dibromoethane (EDB)	96	(77 - 117)	SW846 8260B
1,2-Dichlorobenzene	86	(76 - 116)	SW846 8260B
1,3-Dichlorobenzene	86	(75 - 115)	SW846 8260B
1,4-Dichlorobenzene	87	(77 - 117)	SW846 8260B
Dichlorodifluoromethane	77	(56 - 140)	SW846 8260B
1,1-Dichloroethane	87	(77 - 117)	SW846 8260B
1,2-Dichloroethane	89	(74 - 120)	SW846 8260B
1,1-Dichloroethene	93	(68 - 133)	SW846 8260B
1,2-Dichloroethene (total)	91	(78 - 118)	SW846 8260B
cis-1,2-Dichloroethene	92	(75 - 115)	SW846 8260B
trans-1,2-Dichloroethene	89	(80 - 120)	SW846 8260B
1,2-Dichloropropane	81	(76 - 116)	SW846 8260B
cis-1,3-Dichloropropene	85	(76 - 116)	SW846 8260B
trans-1,3-Dichloropropene	82	(72 - 117)	SW846 8260B
Ethylbenzene	90	(78 - 118)	SW846 8260B
2-Hexanone	80	(57 - 121)	SW846 8260B
Methylene chloride	86	(71 - 119)	SW846 8260B
4-Methyl-2-pentanone	80	(65 - 118)	SW846 8260B
Styrene	94	(77 - 117)	SW846 8260B
1,1,1,2-Tetrachloroethane	84	(77 - 117)	SW846 8260B
1,1,2,2-Tetrachloroethane	89	(73 - 119)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7G200178 **Work Order #...:** J30DL1AC **Matrix.....:** WATER
LCS Lot-Sample#: D7H010000-087

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Tetrachloroethene	85	(77 - 117)	SW846 8260B
Toluene	90	(73 - 120)	SW846 8260B
1,2,4-Trichloro-benzene	89	(73 - 121)	SW846 8260B
1,1,1-Trichloroethane	89	(78 - 118)	SW846 8260B
1,1,2-Trichloroethane	94	(76 - 116)	SW846 8260B
Trichloroethene	85	(78 - 122)	SW846 8260B
Trichlorofluoromethane	98	(63 - 135)	SW846 8260B
1,2,3-Trichloropropane	81	(72 - 120)	SW846 8260B
Vinyl chloride	75	(49 - 136)	SW846 8260B
Xylenes (total)	95	(77 - 117)	SW846 8260B
n-Butylbenzene	89	(76 - 117)	SW846 8260B
sec-Butylbenzene	93	(80 - 120)	SW846 8260B
Isopropylbenzene	89	(71 - 111)	SW846 8260B
1,2,4-Trimethylbenzene	95	(77 - 117)	SW846 8260B
1,3,5-Trimethylbenzene	96	(77 - 117)	SW846 8260B
n-Propylbenzene	88	(76 - 116)	SW846 8260B
tert-Butylbenzene	91	(76 - 116)	SW846 8260B
Carbon disulfide	70	(56 - 104)	SW846 8260B
Dibromochloromethane	83	(76 - 116)	SW846 8260B
2-Chlorotoluene	89	(76 - 116)	SW846 8260B
4-Chlorotoluene	85	(78 - 118)	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	78	(65 - 117)	SW846 8260B
1,3-Dichloropropane	85	(75 - 115)	SW846 8260B
2,2-Dichloropropane	75	(72 - 128)	SW846 8260B
1,1-Dichloropropene	85	(75 - 115)	SW846 8260B
Hexachlorobutadiene	79	(73 - 123)	SW846 8260B
4-Isopropyltoluene	91	(76 - 113)	SW846 8260B
Methyl tert-butyl ether	83	(58 - 116)	SW846 8260B
1,2,3-Trichlorobenzene	88	(66 - 123)	SW846 8260B
m-Xylene & p-Xylene	94	(78 - 118)	SW846 8260B
o-Xylene	97	(77 - 117)	SW846 8260B
Bromobenzene	85	(75 - 115)	SW846 8260B
Bromochloromethane	85	(78 - 118)	SW846 8260B
Naphthalene	81	(62 - 121)	SW846 8260B
Vinyl acetate	89	(63 - 124)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7G200178 **Work Order #...:** J30DL1AC **Matrix.....:** WATER
LCS Lot-Sample#: D7H010000-087

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
2-Pentanone	**88**	**(42 - 115)**	**SW846 8260B**
2-Chloroethyl vinyl ether	**73**	**(17 - 150)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	100	(77 - 119)
1,2-Dichloroethane-d4	93	(70 - 127)
4-Bromofluorobenzene	94	(78 - 118)
Toluene-d8	93	(83 - 125)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7G200178
LCS Lot-Sample#: D7H010000-087
Prep Date.....: 07/30/07
Prep Batch #...: 7213087
Dilution Factor: 1

Work Order #...: J30DL1AC
Analysis Date..: 07/30/07
Analysis Time..: 16:09

Matrix.....: WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Acetone	10.0	8.54	ug/L	85	SW846 8260B
Benzene	5.00	4.09	ug/L	82	SW846 8260B
Bromodichloromethane	5.00	4.19	ug/L	84	SW846 8260B
Bromoform	5.00	4.03	ug/L	81	SW846 8260B
Bromomethane	5.00	5.09	ug/L	102	SW846 8260B
2-Butanone (MEK)	10.0	9.45	ug/L	94	SW846 8260B
Carbon tetrachloride	5.00	4.57	ug/L	91	SW846 8260B
Chlorobenzene	5.00	4.67	ug/L	93	SW846 8260B
Chloroethane	5.00	4.67	ug/L	93	SW846 8260B
Chloroform	5.00	4.43	ug/L	89	SW846 8260B
Chloromethane	5.00	3.71	ug/L	74	SW846 8260B
Dibromomethane	5.00	4.50	ug/L	90	SW846 8260B
1,2-Dibromoethane (EDB)	5.00	4.78	ug/L	96	SW846 8260B
1,2-Dichlorobenzene	5.00	4.30	ug/L	86	SW846 8260B
1,3-Dichlorobenzene	5.00	4.32	ug/L	86	SW846 8260B
1,4-Dichlorobenzene	5.00	4.35	ug/L	87	SW846 8260B
Dichlorodifluoromethane	5.00	3.86	ug/L	77	SW846 8260B
1,1-Dichloroethane	5.00	4.36	ug/L	87	SW846 8260B
1,2-Dichloroethane	5.00	4.43	ug/L	89	SW846 8260B
1,1-Dichloroethene	5.00	4.67	ug/L	93	SW846 8260B
1,2-Dichloroethene (total)	10.0	9.05	ug/L	91	SW846 8260B
cis-1,2-Dichloroethene	5.00	4.58	ug/L	92	SW846 8260B
trans-1,2-Dichloroethene	5.00	4.47	ug/L	89	SW846 8260B
1,2-Dichloropropane	5.00	4.04	ug/L	81	SW846 8260B
cis-1,3-Dichloropropene	5.00	4.24	ug/L	85	SW846 8260B
trans-1,3-Dichloropropene	5.00	4.12	ug/L	82	SW846 8260B
Ethylbenzene	5.00	4.48	ug/L	90	SW846 8260B
2-Hexanone	10.0	7.98	ug/L	80	SW846 8260B
Methylene chloride	5.00	4.31	ug/L	86	SW846 8260B
4-Methyl-2-pentanone	10.0	7.99	ug/L	80	SW846 8260B
Styrene	5.00	4.70	ug/L	94	SW846 8260B
1,1,1,2-Tetrachloroethane	5.00	4.20	ug/L	84	SW846 8260B
1,1,2,2-Tetrachloroethane	5.00	4.45	ug/L	89	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7G200178 **Work Order #...:** J30DL1AC **Matrix.....:** WATER
LCS Lot-Sample#: D7H010000-087

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Tetrachloroethene	5.00	4.25	ug/L	85	SW846 8260B
Toluene	5.00	4.51	ug/L	90	SW846 8260B
1,2,4-Trichloro-benzene	5.00	4.43	ug/L	89	SW846 8260B
1,1,1-Trichloroethane	5.00	4.45	ug/L	89	SW846 8260B
1,1,2-Trichloroethane	5.00	4.68	ug/L	94	SW846 8260B
Trichloroethene	5.00	4.25	ug/L	85	SW846 8260B
Trichlorofluoromethane	5.00	4.88	ug/L	98	SW846 8260B
1,2,3-Trichloropropane	5.00	4.06	ug/L	81	SW846 8260B
Vinyl chloride	5.00	3.74	ug/L	75	SW846 8260B
Xylenes (total)	15.0	14.3	ug/L	95	SW846 8260B
n-Butylbenzene	5.00	4.43	ug/L	89	SW846 8260B
sec-Butylbenzene	5.00	4.65	ug/L	93	SW846 8260B
Isopropylbenzene	5.00	4.45	ug/L	89	SW846 8260B
1,2,4-Trimethylbenzene	5.00	4.77	ug/L	95	SW846 8260B
1,3,5-Trimethylbenzene	5.00	4.81	ug/L	96	SW846 8260B
n-Propylbenzene	5.00	4.39	ug/L	88	SW846 8260B
tert-Butylbenzene	5.00	4.57	ug/L	91	SW846 8260B
Carbon disulfide	5.00	3.48	ug/L	70	SW846 8260B
Dibromochloromethane	5.00	4.15	ug/L	83	SW846 8260B
2-Chlorotoluene	5.00	4.45	ug/L	89	SW846 8260B
4-Chlorotoluene	5.00	4.24	ug/L	85	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	5.00	3.89	ug/L	78	SW846 8260B
1,3-Dichloropropane	5.00	4.25	ug/L	85	SW846 8260B
2,2-Dichloropropane	5.00	3.77	ug/L	75	SW846 8260B
1,1-Dichloropropene	5.00	4.23	ug/L	85	SW846 8260B
Hexachlorobutadiene	5.00	3.97	ug/L	79	SW846 8260B
4-Isopropyltoluene	5.00	4.53	ug/L	91	SW846 8260B
Methyl tert-butyl ether	10.0	8.30	ug/L	83	SW846 8260B
1,2,3-Trichlorobenzene	5.00	4.40	ug/L	88	SW846 8260B
m-Xylene & p-Xylene	10.0	9.45	ug/L	94	SW846 8260B
o-Xylene	5.00	4.83	ug/L	97	SW846 8260B
Bromobenzene	5.00	4.27	ug/L	85	SW846 8260B
Bromochloromethane	5.00	4.24	ug/L	85	SW846 8260B
Naphthalene	5.00	4.06	ug/L	81	SW846 8260B
Vinyl acetate	5.00	4.43	ug/L	89	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7G200178 **Work Order #...:** J30DL1AC **Matrix.....:** WATER
LCS Lot-Sample#: D7H010000-087

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
2-Pentanone	**10.0**	**8.80**	**ug/L**	**88**	**SW846 8260B**
2-Chloroethyl vinyl ether	**5.00**	**3.67**	**ug/L**	**73**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	100	(77 - 119)
1,2-Dichloroethane-d4	93	(70 - 127)
4-Bromofluorobenzene	94	(78 - 118)
Toluene-d8	93	(83 - 125)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7G200178 **Work Order #...:** J37KR1AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7H010000-179
Prep Date.....: 07/20/07 **Analysis Date..:** 07/31/07
Prep Batch #...: 7213179 **Analysis Time..:** 09:55
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Acetone	90	(45 - 184)	SW846 8260B
Benzene	104	(76 - 116)	SW846 8260B
Bromodichloromethane	100	(74 - 125)	SW846 8260B
Bromoform	97	(75 - 115)	SW846 8260B
Bromomethane	136	(40 - 149)	SW846 8260B
2-Butanone (MEK)	92	(58 - 150)	SW846 8260B
Carbon tetrachloride	101	(69 - 147)	SW846 8260B
Chlorobenzene	92	(74 - 114)	SW846 8260B
Chloroethane	124	(51 - 155)	SW846 8260B
Chloroform	101	(77 - 125)	SW846 8260B
Chloromethane	115	(47 - 148)	SW846 8260B
Dibromomethane	101	(77 - 117)	SW846 8260B
1,2-Dibromoethane (EDB)	91	(75 - 115)	SW846 8260B
1,2-Dichlorobenzene	90	(72 - 112)	SW846 8260B
1,3-Dichlorobenzene	92	(74 - 114)	SW846 8260B
1,4-Dichlorobenzene	88	(73 - 113)	SW846 8260B
Dichlorodifluoromethane	114	(42 - 178)	SW846 8260B
1,1-Dichloroethane	99	(74 - 114)	SW846 8260B
1,2-Dichloroethane	98	(62 - 142)	SW846 8260B
1,1-Dichloroethene	120	(77 - 143)	SW846 8260B
1,2-Dichloroethene (total)	104	(80 - 120)	SW846 8260B
cis-1,2-Dichloroethene	103	(75 - 115)	SW846 8260B
trans-1,2-Dichloroethene	106	(82 - 127)	SW846 8260B
1,2-Dichloropropane	102	(74 - 114)	SW846 8260B
cis-1,3-Dichloropropene	105	(77 - 117)	SW846 8260B
trans-1,3-Dichloropropene	93	(71 - 120)	SW846 8260B
Ethylbenzene	91	(78 - 118)	SW846 8260B
2-Hexanone	87	(58 - 136)	SW846 8260B
Methylene chloride	109	(76 - 116)	SW846 8260B
4-Methyl-2-pentanone	94	(62 - 130)	SW846 8260B
Styrene	93	(77 - 117)	SW846 8260B
1,1,1,2-Tetrachloroethane	96	(76 - 116)	SW846 8260B
1,1,2,2-Tetrachloroethane	90	(68 - 119)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7G200178 **Work Order #...:** J37KR1AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7H010000-179

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Tetrachloroethene	100	(71 - 111)	SW846 8260B
Toluene	93	(72 - 113)	SW846 8260B
1,2,4-Trichloro-benzene	89	(73 - 116)	SW846 8260B
1,1,1-Trichloroethane	99	(67 - 143)	SW846 8260B
1,1,2-Trichloroethane	94	(69 - 109)	SW846 8260B
Trichloroethene	105	(78 - 118)	SW846 8260B
Trichlorofluoromethane	132	(50 - 155)	SW846 8260B
1,2,3-Trichloropropane	77	(72 - 122)	SW846 8260B
Vinyl chloride	121	(45 - 148)	SW846 8260B
Xylenes (total)	90	(77 - 117)	SW846 8260B
n-Butylbenzene	86	(66 - 130)	SW846 8260B
sec-Butylbenzene	91	(79 - 128)	SW846 8260B
Isopropylbenzene	84	(71 - 111)	SW846 8260B
1,2,4-Trimethylbenzene	83	(78 - 126)	SW846 8260B
1,3,5-Trimethylbenzene	82	(77 - 125)	SW846 8260B
n-Propylbenzene	82	(79 - 120)	SW846 8260B
tert-Butylbenzene	84	(77 - 124)	SW846 8260B
Carbon disulfide	80	(49 - 121)	SW846 8260B
Dibromochloromethane	97	(74 - 114)	SW846 8260B
2-Chlorotoluene	85	(80 - 120)	SW846 8260B
4-Chlorotoluene	85	(77 - 117)	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	86	(60 - 120)	SW846 8260B
1,3-Dichloropropane	94	(72 - 112)	SW846 8260B
2,2-Dichloropropane	100	(64 - 144)	SW846 8260B
1,1-Dichloropropene	101	(76 - 123)	SW846 8260B
Hexachlorobutadiene	96	(69 - 125)	SW846 8260B
4-Isopropyltoluene	83	(73 - 118)	SW846 8260B
Methyl tert-butyl ether	88	(69 - 129)	SW846 8260B
1,2,3-Trichlorobenzene	101	(69 - 113)	SW846 8260B
m-Xylene & p-Xylene	90	(77 - 117)	SW846 8260B
o-Xylene	91	(77 - 117)	SW846 8260B
Bromobenzene	87	(74 - 114)	SW846 8260B
Bromochloromethane	107	(77 - 117)	SW846 8260B
Naphthalene	94	(65 - 113)	SW846 8260B
Vinyl acetate	103	(79 - 185)	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7G200178 **Work Order #...:** J37KR1AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7H010000-179

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
2-Pentanone	**77**	**(43 - 143)**	**SW846 8260B**
2-Chloroethyl vinyl ether	**63**	**(48 - 144)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	97	(75 - 121)
1,2-Dichloroethane-d4	79	(58 - 140)
4-Bromofluorobenzene	124	(76 - 127)
Toluene-d8	108	(80 - 126)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7G200178 **Work Order #...:** J37KR1AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7H010000-179
Prep Date.....: 07/20/07 **Analysis Date..:** 07/31/07
Prep Batch #...: 7213179 **Analysis Time..:** 09:55
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Acetone	100	89.6	ug/kg	90	SW846 8260B
Benzene	50.0	51.9	ug/kg	104	SW846 8260B
Bromodichloromethane	50.0	49.9	ug/kg	100	SW846 8260B
Bromoform	50.0	48.7	ug/kg	97	SW846 8260B
Bromomethane	50.0	68.1	ug/kg	136	SW846 8260B
2-Butanone (MEK)	100	91.6	ug/kg	92	SW846 8260B
Carbon tetrachloride	50.0	50.6	ug/kg	101	SW846 8260B
Chlorobenzene	50.0	45.8	ug/kg	92	SW846 8260B
Chloroethane	50.0	62.2	ug/kg	124	SW846 8260B
Chloroform	50.0	50.7	ug/kg	101	SW846 8260B
Chloromethane	50.0	57.7	ug/kg	115	SW846 8260B
Dibromomethane	50.0	50.6	ug/kg	101	SW846 8260B
1,2-Dibromoethane (EDB)	50.0	45.7	ug/kg	91	SW846 8260B
1,2-Dichlorobenzene	50.0	45.1	ug/kg	90	SW846 8260B
1,3-Dichlorobenzene	50.0	46.0	ug/kg	92	SW846 8260B
1,4-Dichlorobenzene	50.0	43.8	ug/kg	88	SW846 8260B
Dichlorodifluoromethane	50.0	57.2	ug/kg	114	SW846 8260B
1,1-Dichloroethane	50.0	49.3	ug/kg	99	SW846 8260B
1,2-Dichloroethane	50.0	48.8	ug/kg	98	SW846 8260B
1,1-Dichloroethene	50.0	60.2	ug/kg	120	SW846 8260B
1,2-Dichloroethene (total)	100	104	ug/kg	104	SW846 8260B
cis-1,2-Dichloroethene	50.0	51.4	ug/kg	103	SW846 8260B
trans-1,2-Dichloroethene	50.0	52.9	ug/kg	106	SW846 8260B
1,2-Dichloropropane	50.0	51.2	ug/kg	102	SW846 8260B
cis-1,3-Dichloropropene	50.0	52.4	ug/kg	105	SW846 8260B
trans-1,3-Dichloropropene	50.0	46.5	ug/kg	93	SW846 8260B
Ethylbenzene	50.0	45.4	ug/kg	91	SW846 8260B
2-Hexanone	100	87.3	ug/kg	87	SW846 8260B
Methylene chloride	50.0	54.4	ug/kg	109	SW846 8260B
4-Methyl-2-pentanone	100	93.6	ug/kg	94	SW846 8260B
Styrene	50.0	46.7	ug/kg	93	SW846 8260B
1,1,1,2-Tetrachloroethane	50.0	48.2	ug/kg	96	SW846 8260B
1,1,2,2-Tetrachloroethane	50.0	45.1	ug/kg	90	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7G200178 **Work Order #...:** J37KR1AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7H010000-179

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Tetrachloroethene	50.0	50.0	ug/kg	100	SW846 8260B
Toluene	50.0	46.5	ug/kg	93	SW846 8260B
1,2,4-Trichloro-benzene	50.0	44.5	ug/kg	89	SW846 8260B
1,1,1-Trichloroethane	50.0	49.5	ug/kg	99	SW846 8260B
1,1,2-Trichloroethane	50.0	46.8	ug/kg	94	SW846 8260B
Trichloroethene	50.0	52.4	ug/kg	105	SW846 8260B
Trichlorofluoromethane	50.0	66.2	ug/kg	132	SW846 8260B
1,2,3-Trichloropropane	50.0	38.6	ug/kg	77	SW846 8260B
Vinyl chloride	50.0	60.3	ug/kg	121	SW846 8260B
Xylenes (total)	150	135	ug/kg	90	SW846 8260B
n-Butylbenzene	50.0	43.0	ug/kg	86	SW846 8260B
sec-Butylbenzene	50.0	45.3	ug/kg	91	SW846 8260B
Isopropylbenzene	50.0	42.1	ug/kg	84	SW846 8260B
1,2,4-Trimethylbenzene	50.0	41.4	ug/kg	83	SW846 8260B
1,3,5-Trimethylbenzene	50.0	41.1	ug/kg	82	SW846 8260B
n-Propylbenzene	50.0	41.1	ug/kg	82	SW846 8260B
tert-Butylbenzene	50.0	42.2	ug/kg	84	SW846 8260B
Carbon disulfide	50.0	40.2	ug/kg	80	SW846 8260B
Dibromochloromethane	50.0	48.5	ug/kg	97	SW846 8260B
2-Chlorotoluene	50.0	42.3	ug/kg	85	SW846 8260B
4-Chlorotoluene	50.0	42.7	ug/kg	85	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	50.0	43.0	ug/kg	86	SW846 8260B
1,3-Dichloropropane	50.0	47.1	ug/kg	94	SW846 8260B
2,2-Dichloropropane	50.0	50.2	ug/kg	100	SW846 8260B
1,1-Dichloropropene	50.0	50.3	ug/kg	101	SW846 8260B
Hexachlorobutadiene	50.0	47.9	ug/kg	96	SW846 8260B
4-Isopropyltoluene	50.0	41.5	ug/kg	83	SW846 8260B
Methyl tert-butyl ether	100	87.8	ug/kg	88	SW846 8260B
1,2,3-Trichlorobenzene	50.0	50.7	ug/kg	101	SW846 8260B
m-Xylene & p-Xylene	100	89.6	ug/kg	90	SW846 8260B
o-Xylene	50.0	45.3	ug/kg	91	SW846 8260B
Bromobenzene	50.0	43.5	ug/kg	87	SW846 8260B
Bromochloromethane	50.0	53.5	ug/kg	107	SW846 8260B
Naphthalene	50.0	47.2	ug/kg	94	SW846 8260B
Vinyl acetate	50.0	51.5	ug/kg	103	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7G200178 **Work Order #...:** J37KR1AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7H010000-179

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
2-Pentanone	**100**	**77.5**	**ug/kg**	**77**	**SW846 8260B**
2-Chloroethyl vinyl ether	**50.0**	**31.6**	**ug/kg**	**63**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	97	(75 - 121)
1,2-Dichloroethane-d4	79	(58 - 140)
4-Bromofluorobenzene	124	(76 - 127)
Toluene-d8	108	(80 - 126)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7G200178 **Work Order #...:** J29EF1CG-MS **Matrix.....:** WG
MS Lot-Sample #: D7G200178-005 J29EF1CH-MSD
Date Sampled...: 07/18/07 16:45 **Date Received..:** 07/20/07
Prep Date.....: 07/30/07 **Analysis Date..:** 07/30/07
Prep Batch #...: 7213087 **Analysis Time..:** 18:56
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acetone	114	(48 - 130)			SW846 8260B
	115	(48 - 130)	0.68	(0-41)	SW846 8260B
Benzene	88	(77 - 118)			SW846 8260B
	87	(77 - 118)	0.46	(0-20)	SW846 8260B
Bromodichloromethane	92	(78 - 118)			SW846 8260B
	99	(78 - 118)	7.2	(0-20)	SW846 8260B
Bromoform	85	(74 - 121)			SW846 8260B
	96	(74 - 121)	12	(0-21)	SW846 8260B
Bromomethane	107	(42 - 154)			SW846 8260B
	109	(42 - 154)	1.5	(0-24)	SW846 8260B
2-Butanone (MEK)	82	(57 - 120)			SW846 8260B
	102	(57 - 120)	22	(0-32)	SW846 8260B
Carbon tetrachloride	99	(80 - 120)			SW846 8260B
	104	(80 - 120)	5.3	(0-21)	SW846 8260B
Chlorobenzene	98	(78 - 118)			SW846 8260B
	101	(78 - 118)	3.3	(0-20)	SW846 8260B
Chloroethane	101	(51 - 133)			SW846 8260B
	107	(51 - 133)	5.7	(0-25)	SW846 8260B
Chloroform	85	(78 - 118)			SW846 8260B
	95	(78 - 118)	5.0	(0-20)	SW846 8260B
Chloromethane	77	(46 - 142)			SW846 8260B
	80	(46 - 142)	4.5	(0-24)	SW846 8260B
Dibromomethane	98	(77 - 117)			SW846 8260B
	102	(77 - 117)	4.7	(0-20)	SW846 8260B
1,2-Dibromoethane (EDB)	99	(77 - 117)			SW846 8260B
	106	(77 - 117)	7.2	(0-20)	SW846 8260B
1,2-Dichlorobenzene	87	(76 - 116)			SW846 8260B
	98	(76 - 116)	12	(0-20)	SW846 8260B
1,3-Dichlorobenzene	89	(75 - 115)			SW846 8260B
	95	(75 - 115)	5.9	(0-20)	SW846 8260B
1,4-Dichlorobenzene	83	(77 - 117)			SW846 8260B
	93	(77 - 117)	12	(0-23)	SW846 8260B
Dichlorodifluoromethane	87	(56 - 140)			SW846 8260B
	86	(56 - 140)	1.6	(0-24)	SW846 8260B
1,1-Dichloroethane	92	(77 - 117)			SW846 8260B
	97	(77 - 117)	5.8	(0-21)	SW846 8260B
1,2-Dichloroethane	99	(74 - 120)			SW846 8260B
	101	(74 - 120)	2.1	(0-20)	SW846 8260B
1,1-Dichloroethene	110	(68 - 133)			SW846 8260B
	108	(68 - 133)	1.7	(0-20)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7G200178 **Work Order #...:** J29EF1CG-MS **Matrix.....:** WG
MS Lot-Sample #: D7G200178-005 J29EF1CH-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2-Dichloroethene (total)	101	(78 - 118)			SW846 8260B
	102	(78 - 118)	1.2	(0-20)	SW846 8260B
cis-1,2-Dichloroethene	98	(75 - 115)			SW846 8260B
	102	(75 - 115)	3.8	(0-20)	SW846 8260B
trans-1,2-Dichloroethene	103	(80 - 120)			SW846 8260B
	102	(80 - 120)	1.4	(0-24)	SW846 8260B
1,2-Dichloropropane	85	(76 - 116)			SW846 8260B
	88	(76 - 116)	3.0	(0-20)	SW846 8260B
cis-1,3-Dichloropropene	87	(76 - 116)			SW846 8260B
	92	(76 - 116)	5.5	(0-20)	SW846 8260B
trans-1,3-Dichloropropene	91	(72 - 117)			SW846 8260B
	97	(72 - 117)	6.0	(0-20)	SW846 8260B
Ethylbenzene	96	(78 - 118)			SW846 8260B
	98	(78 - 118)	1.4	(0-26)	SW846 8260B
2-Hexanone	86	(57 - 121)			SW846 8260B
	97	(57 - 121)	12	(0-25)	SW846 8260B
Methylene chloride	86	(71 - 119)			SW846 8260B
	91	(71 - 119)	5.0	(0-20)	SW846 8260B
4-Methyl-2-pentanone	89	(65 - 118)			SW846 8260B
	94	(65 - 118)	5.8	(0-22)	SW846 8260B
Styrene	92	(77 - 117)			SW846 8260B
	77	(77 - 117)	18	(0-20)	SW846 8260B
1,1,1,2-Tetrachloroethane	90	(77 - 117)			SW846 8260B
	92	(77 - 117)	1.9	(0-20)	SW846 8260B
1,1,2,2-Tetrachloroethane	104	(73 - 119)			SW846 8260B
	113	(73 - 119)	8.2	(0-20)	SW846 8260B
Tetrachloroethene	93	(77 - 117)			SW846 8260B
	100	(77 - 117)	7.6	(0-20)	SW846 8260B
Toluene	100	(73 - 120)			SW846 8260B
	105	(73 - 120)	4.7	(0-20)	SW846 8260B
1,2,4-Trichloro-benzene	81	(73 - 121)			SW846 8260B
	97	(73 - 121)	18	(0-25)	SW846 8260B
1,1,1-Trichloroethane	109	(78 - 118)			SW846 8260B
	104	(78 - 118)	4.7	(0-20)	SW846 8260B
1,1,2-Trichloroethane	103	(76 - 116)			SW846 8260B
	116	(76 - 116)	11	(0-21)	SW846 8260B
Trichloroethene	83	(78 - 122)			SW846 8260B
	85	(78 - 122)	3.0	(0-20)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7G200178 **Work Order #...:** J29EF1CG-MS **Matrix.....:** WG
MS Lot-Sample #: D7G200178-005 J29EF1CH-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Trichlorofluoromethane	127	(63 - 135)			SW846 8260B
	129	(63 - 135)	1.5	(0-20)	SW846 8260B
1,2,3-Trichloropropane	94	(72 - 120)			SW846 8260B
	105	(72 - 120)	11	(0-23)	SW846 8260B
Vinyl chloride	85	(49 - 136)			SW846 8260B
	88	(49 - 136)	3.0	(0-24)	SW846 8260B
Xylenes (total)	97	(77 - 117)			SW846 8260B
	114	(77 - 117)	16	(0-20)	SW846 8260B
n-Butylbenzene	90	(76 - 117)			SW846 8260B
	104	(76 - 117)	14	(0-21)	SW846 8260B
sec-Butylbenzene	90	(80 - 120)			SW846 8260B
	93	(80 - 120)	4.2	(0-21)	SW846 8260B
Isopropylbenzene	92	(71 - 111)			SW846 8260B
	104	(71 - 111)	12	(0-20)	SW846 8260B
1,2,4-Trimethylbenzene	101	(77 - 117)			SW846 8260B
	100	(77 - 117)	1.5	(0-20)	SW846 8260B
1,3,5-Trimethylbenzene	98	(77 - 117)			SW846 8260B
	104	(77 - 117)	6.4	(0-20)	SW846 8260B
n-Propylbenzene	89	(76 - 116)			SW846 8260B
	96	(76 - 116)	8.5	(0-20)	SW846 8260B
tert-Butylbenzene	91	(76 - 116)			SW846 8260B
	93	(76 - 116)	1.7	(0-21)	SW846 8260B
Carbon disulfide	77	(56 - 104)			SW846 8260B
	82	(56 - 104)	6.4	(0-20)	SW846 8260B
Dibromochloromethane	89	(76 - 116)			SW846 8260B
	91	(76 - 116)	2.6	(0-20)	SW846 8260B
2-Chlorotoluene	87	(76 - 116)			SW846 8260B
	87	(76 - 116)	0.72	(0-20)	SW846 8260B
4-Chlorotoluene	85	(78 - 118)			SW846 8260B
	83	(78 - 118)	1.7	(0-20)	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	78	(65 - 117)			SW846 8260B
	82	(65 - 117)	4.9	(0-22)	SW846 8260B
1,3-Dichloropropane	93	(75 - 115)			SW846 8260B
	101	(75 - 115)	8.6	(0-20)	SW846 8260B
2,2-Dichloropropane	90	(72 - 128)			SW846 8260B
	91	(72 - 128)	0.62	(0-24)	SW846 8260B
1,1-Dichloropropene	93	(75 - 115)			SW846 8260B
	95	(75 - 115)	2.4	(0-21)	SW846 8260B
Hexachlorobutadiene	73	(73 - 123)			SW846 8260B
	78	(73 - 123)	6.7	(0-25)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7G200178 **Work Order #...:** J29EF1CG-MS **Matrix.....:** WG
MS Lot-Sample #: D7G200178-005 J29EF1CH-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
4-Isopropyltoluene	**97**	**(76 - 113)**			**SW846 8260B**
	97	**(76 - 113)**	**0.51**	**(0-20)**	**SW846 8260B**
Methyl tert-butyl ether	**87**	**(58 - 116)**			**SW846 8260B**
	88	**(58 - 116)**	**0.38**	**(0-21)**	**SW846 8260B**
1,2,3-Trichlorobenzene	**83**	**(66 - 123)**			**SW846 8260B**
	100	**(66 - 123)**	**19**	**(0-29)**	**SW846 8260B**
m-Xylene & p-Xylene	**98**	**(78 - 118)**			**SW846 8260B**
	114	**(78 - 118)**	**15**	**(0-20)**	**SW846 8260B**
o-Xylene	**95**	**(77 - 117)**			**SW846 8260B**
	113	**(77 - 117)**	**18**	**(0-20)**	**SW846 8260B**
Bromobenzene	**89**	**(75 - 115)**			**SW846 8260B**
	89	**(75 - 115)**	**0.14**	**(0-20)**	**SW846 8260B**
Bromochloromethane	**87**	**(78 - 118)**			**SW846 8260B**
	90	**(78 - 118)**	**3.6**	**(0-20)**	**SW846 8260B**
Naphthalene	**70**	**(62 - 121)**			**SW846 8260B**
	89	**(62 - 121)**	**24**	**(0-32)**	**SW846 8260B**
Vinyl acetate	**84**	**(63 - 124)**			**SW846 8260B**
	90	**(63 - 124)**	**6.6**	**(0-24)**	**SW846 8260B**
2-Pentanone	**94**	**(42 - 115)**			**SW846 8260B**
	105	**(42 - 115)**	**10**	**(0-26)**	**SW846 8260B**
2-Chloroethyl vinyl ether	**0.0 a**	**(17 - 150)**			**SW846 8260B**
	0.0 a	**(17 - 150)**	**0.0**	**(0-31)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	104	(77 - 119)
	99	(77 - 119)
1,2-Dichloroethane-d4	103	(70 - 127)
	100	(70 - 127)
4-Bromofluorobenzene	96	(78 - 118)
	103	(78 - 118)
Toluene-d8	94	(83 - 125)
	95	(83 - 125)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7G200178 Work Order #...: J29EF1CG-MS Matrix.....: WG
MS Lot-Sample #: D7G200178-005 J29EF1CH-MSD
Date Sampled...: 07/18/07 16:45 Date Received..: 07/20/07
Prep Date.....: 07/30/07 Analysis Date..: 07/30/07
Prep Batch #...: 7213087 Analysis Time..: 18:56
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Acetone	ND	10.0	11.4	ug/L	114		SW846 8260B
	ND	10.0	11.5	ug/L	115	0.68	SW846 8260B
Benzene	ND	5.00	4.39	ug/L	88		SW846 8260B
	ND	5.00	4.37	ug/L	87	0.46	SW846 8260B
Bromodichloromethane	ND	5.00	4.60	ug/L	92		SW846 8260B
	ND	5.00	4.94	ug/L	99	7.2	SW846 8260B
Bromoform	ND	5.00	4.27	ug/L	85		SW846 8260B
	ND	5.00	4.79	ug/L	96	12	SW846 8260B
Bromomethane	ND	5.00	5.37	ug/L	107		SW846 8260B
	ND	5.00	5.45	ug/L	109	1.5	SW846 8260B
2-Butanone (MEK)	ND	10.0	8.19	ug/L	82		SW846 8260B
	ND	10.0	10.2	ug/L	102	22	SW846 8260B
Carbon tetrachloride	ND	5.00	4.94	ug/L	99		SW846 8260B
	ND	5.00	5.21	ug/L	104	5.3	SW846 8260B
Chlorobenzene	ND	5.00	4.90	ug/L	98		SW846 8260B
	ND	5.00	5.06	ug/L	101	3.3	SW846 8260B
Chloroethane	ND	5.00	5.04	ug/L	101		SW846 8260B
	ND	5.00	5.34	ug/L	107	5.7	SW846 8260B
Chloroform	5.8	5.00	10.0	ug/L	85		SW846 8260B
	5.8	5.00	10.5	ug/L	95	5.0	SW846 8260B
Chloromethane	ND	5.00	3.83	ug/L	77		SW846 8260B
	ND	5.00	4.00	ug/L	80	4.5	SW846 8260B
Dibromomethane	ND	5.00	4.88	ug/L	98		SW846 8260B
	ND	5.00	5.11	ug/L	102	4.7	SW846 8260B
1,2-Dibromoethane (EDB)	ND	5.00	4.93	ug/L	99		SW846 8260B
	ND	5.00	5.30	ug/L	106	7.2	SW846 8260B
1,2-Dichlorobenzene	ND	5.00	4.33	ug/L	87		SW846 8260B
	ND	5.00	4.89	ug/L	98	12	SW846 8260B
1,3-Dichlorobenzene	ND	5.00	4.47	ug/L	89		SW846 8260B
	ND	5.00	4.74	ug/L	95	5.9	SW846 8260B
1,4-Dichlorobenzene	ND	5.00	4.13	ug/L	83		SW846 8260B
	ND	5.00	4.67	ug/L	93	12	SW846 8260B
Dichlorodifluoromethane	ND	5.00	4.35	ug/L	87		SW846 8260B
	ND	5.00	4.28	ug/L	86	1.6	SW846 8260B
1,1-Dichloroethane	ND	5.00	4.60	ug/L	92		SW846 8260B
	ND	5.00	4.87	ug/L	97	5.8	SW846 8260B
1,2-Dichloroethane	ND	5.00	4.95	ug/L	99		SW846 8260B
	ND	5.00	5.06	ug/L	101	2.1	SW846 8260B
1,1-Dichloroethene	ND	5.00	5.48	ug/L	110		SW846 8260B
	ND	5.00	5.38	ug/L	108	1.7	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7G200178 **Work Order #...:** J29EF1CG-MS **Matrix.....:** WG
MS Lot-Sample #: D7G200178-005 J29EF1CH-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,2-Dichloroethene (total)	ND	10.0	10.1	ug/L	101		SW846 8260B
	ND	10.0	10.2	ug/L	102	1.2	SW846 8260B
cis-1,2-Dichloroethene	ND	5.00	4.90	ug/L	98		SW846 8260B
	ND	5.00	5.09	ug/L	102	3.8	SW846 8260B
trans-1,2-Dichloroethene	ND	5.00	5.17	ug/L	103		SW846 8260B
	ND	5.00	5.10	ug/L	102	1.4	SW846 8260B
1,2-Dichloropropane	ND	5.00	4.25	ug/L	85		SW846 8260B
	ND	5.00	4.38	ug/L	88	3.0	SW846 8260B
cis-1,3-Dichloropropene	ND	5.00	4.34	ug/L	87		SW846 8260B
	ND	5.00	4.59	ug/L	92	5.5	SW846 8260B
trans-1,3-Dichloropropene	ND	5.00	4.56	ug/L	91		SW846 8260B
	ND	5.00	4.85	ug/L	97	6.0	SW846 8260B
Ethylbenzene	ND	5.00	4.82	ug/L	96		SW846 8260B
	ND	5.00	4.89	ug/L	98	1.4	SW846 8260B
2-Hexanone	ND	10.0	8.64	ug/L	86		SW846 8260B
	ND	10.0	9.72	ug/L	97	12	SW846 8260B
Methylene chloride	0.56	5.00	4.87	ug/L	86		SW846 8260B
	0.56	5.00	5.12	ug/L	91	5.0	SW846 8260B
4-Methyl-2-pentanone	ND	10.0	8.87	ug/L	89		SW846 8260B
	ND	10.0	9.39	ug/L	94	5.8	SW846 8260B
Styrene	ND	5.00	4.62	ug/L	92		SW846 8260B
	ND	5.00	3.87	ug/L	77	18	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	5.00	4.51	ug/L	90		SW846 8260B
	ND	5.00	4.59	ug/L	92	1.9	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.00	5.20	ug/L	104		SW846 8260B
	ND	5.00	5.65	ug/L	113	8.2	SW846 8260B
Tetrachloroethene	ND	5.00	4.65	ug/L	93		SW846 8260B
	ND	5.00	5.02	ug/L	100	7.6	SW846 8260B
Toluene	ND	5.00	5.02	ug/L	100		SW846 8260B
	ND	5.00	5.26	ug/L	105	4.7	SW846 8260B
1,2,4-Trichloro-benzene	ND	5.00	4.06	ug/L	81		SW846 8260B
	ND	5.00	4.85	ug/L	97	18	SW846 8260B
1,1,1-Trichloroethane	ND	5.00	5.46	ug/L	109		SW846 8260B
	ND	5.00	5.21	ug/L	104	4.7	SW846 8260B
1,1,2-Trichloroethane	ND	5.00	5.16	ug/L	103		SW846 8260B
	ND	5.00	5.78	ug/L	116	11	SW846 8260B
Trichloroethene	ND	5.00	4.13	ug/L	83		SW846 8260B
	ND	5.00	4.26	ug/L	85	3.0	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7G200178 **Work Order #...:** J29EF1CG-MS **Matrix.....:** WG
MS Lot-Sample #: D7G200178-005 J29EF1CH-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Trichlorofluoromethane	ND	5.00	6.36	ug/L	127		SW846 8260B
	ND	5.00	6.46	ug/L	129	1.5	SW846 8260B
1,2,3-Trichloropropane	ND	5.00	4.69	ug/L	94		SW846 8260B
	ND	5.00	5.25	ug/L	105	11	SW846 8260B
Vinyl chloride	ND	5.00	4.27	ug/L	85		SW846 8260B
	ND	5.00	4.40	ug/L	88	3.0	SW846 8260B
Xylenes (total)	ND	15.0	14.5	ug/L	97		SW846 8260B
	ND	15.0	17.0	ug/L	114	16	SW846 8260B
n-Butylbenzene	ND	5.00	4.50	ug/L	90		SW846 8260B
	ND	5.00	5.18	ug/L	104	14	SW846 8260B
sec-Butylbenzene	ND	5.00	4.48	ug/L	90		SW846 8260B
	ND	5.00	4.67	ug/L	93	4.2	SW846 8260B
Isopropylbenzene	ND	5.00	4.59	ug/L	92		SW846 8260B
	ND	5.00	5.18	ug/L	104	12	SW846 8260B
1,2,4-Trimethylbenzene	ND	5.00	5.05	ug/L	101		SW846 8260B
	ND	5.00	4.98	ug/L	100	1.5	SW846 8260B
1,3,5-Trimethylbenzene	ND	5.00	4.88	ug/L	98		SW846 8260B
	ND	5.00	5.20	ug/L	104	6.4	SW846 8260B
n-Propylbenzene	ND	5.00	4.43	ug/L	89		SW846 8260B
	ND	5.00	4.82	ug/L	96	8.5	SW846 8260B
tert-Butylbenzene	ND	5.00	4.55	ug/L	91		SW846 8260B
	ND	5.00	4.63	ug/L	93	1.7	SW846 8260B
Carbon disulfide	ND	5.00	3.86	ug/L	77		SW846 8260B
	ND	5.00	4.12	ug/L	82	6.4	SW846 8260B
Dibromochloromethane	ND	5.00	4.43	ug/L	89		SW846 8260B
	ND	5.00	4.55	ug/L	91	2.6	SW846 8260B
2-Chlorotoluene	ND	5.00	4.34	ug/L	87		SW846 8260B
	ND	5.00	4.37	ug/L	87	0.72	SW846 8260B
4-Chlorotoluene	ND	5.00	4.24	ug/L	85		SW846 8260B
	ND	5.00	4.17	ug/L	83	1.7	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.00	3.91	ug/L	78		SW846 8260B
	ND	5.00	4.10	ug/L	82	4.9	SW846 8260B
1,3-Dichloropropane	ND	5.00	4.64	ug/L	93		SW846 8260B
	ND	5.00	5.06	ug/L	101	8.6	SW846 8260B
2,2-Dichloropropane	ND	5.00	4.51	ug/L	90		SW846 8260B
	ND	5.00	4.54	ug/L	91	0.62	SW846 8260B
1,1-Dichloropropene	ND	5.00	4.65	ug/L	93		SW846 8260B
	ND	5.00	4.76	ug/L	95	2.4	SW846 8260B
Hexachlorobutadiene	ND	5.00	3.66	ug/L	73		SW846 8260B
	ND	5.00	3.91	ug/L	78	6.7	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7G200178 **Work Order #...:** J29EF1CG-MS **Matrix.....:** WG
MS Lot-Sample #: D7G200178-005 J29EF1CH-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
4-Isopropyltoluene	**ND**	**5.00**	**4.85**	**ug/L**	**97**		**SW846 8260B**
	ND	**5.00**	**4.87**	**ug/L**	**97**	**0.51**	**SW846 8260B**
Methyl tert-butyl ether	**ND**	**10.0**	**8.73**	**ug/L**	**87**		**SW846 8260B**
	ND	**10.0**	**8.76**	**ug/L**	**88**	**0.38**	**SW846 8260B**
1,2,3-Trichlorobenzene	**ND**	**5.00**	**4.14**	**ug/L**	**83**		**SW846 8260B**
	ND	**5.00**	**4.99**	**ug/L**	**100**	**19**	**SW846 8260B**
m-Xylene & p-Xylene	**ND**	**10.0**	**9.78**	**ug/L**	**98**		**SW846 8260B**
	ND	**10.0**	**11.4**	**ug/L**	**114**	**15**	**SW846 8260B**
o-Xylene	**ND**	**5.00**	**4.74**	**ug/L**	**95**		**SW846 8260B**
	ND	**5.00**	**5.66**	**ug/L**	**113**	**18**	**SW846 8260B**
Bromobenzene	**ND**	**5.00**	**4.44**	**ug/L**	**89**		**SW846 8260B**
	ND	**5.00**	**4.43**	**ug/L**	**89**	**0.14**	**SW846 8260B**
Bromochloromethane	**ND**	**5.00**	**4.33**	**ug/L**	**87**		**SW846 8260B**
	ND	**5.00**	**4.49**	**ug/L**	**90**	**3.6**	**SW846 8260B**
Naphthalene	**ND**	**5.00**	**3.52**	**ug/L**	**70**		**SW846 8260B**
	ND	**5.00**	**4.47**	**ug/L**	**89**	**24**	**SW846 8260B**
Vinyl acetate	**ND**	**5.00**	**4.19**	**ug/L**	**84**		**SW846 8260B**
	ND	**5.00**	**4.48**	**ug/L**	**90**	**6.6**	**SW846 8260B**
2-Pentanone	**ND**	**10.0**	**9.45**	**ug/L**	**94**		**SW846 8260B**
	ND	**10.0**	**10.5**	**ug/L**	**105**	**10**	**SW846 8260B**
2-Chloroethyl vinyl ether	**ND**	**5.00**	**0.0**	**ug/L**	**0.0 a**		**SW846 8260B**
	ND	**5.00**	**0.0**	**ug/L**	**0.0 a**	**0.0**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	104	(77 - 119)
	99	(77 - 119)
1,2-Dichloroethane-d4	103	(70 - 127)
	100	(70 - 127)
4-Bromofluorobenzene	96	(78 - 118)
	103	(78 - 118)
Toluene-d8	94	(83 - 125)
	95	(83 - 125)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7G200178 **Work Order #...:** J30JM1AC-MS **Matrix.....:** SOLID
MS Lot-Sample #: D7F060127-063 J30JM1AD-MSD
Date Sampled...: 07/30/07 07:00 **Date Received..:** 07/30/07
Prep Date.....: 07/30/07 **Analysis Date..:** 07/31/07
Prep Batch #...: 7213179 **Analysis Time..:** 20:16
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acetone	71	(45 - 184)			SW846 8260B
	61	(45 - 184)	16	(0-28)	SW846 8260B
Benzene	91	(76 - 116)			SW846 8260B
	80	(76 - 116)	12	(0-20)	SW846 8260B
Bromodichloromethane	90	(74 - 125)			SW846 8260B
	81	(74 - 125)	10	(0-20)	SW846 8260B
Bromoform	84	(75 - 115)			SW846 8260B
	75	(75 - 115)	11	(0-20)	SW846 8260B
Bromomethane	114	(40 - 149)			SW846 8260B
	101	(40 - 149)	13	(0-22)	SW846 8260B
2-Butanone (MEK)	70	(58 - 150)			SW846 8260B
	61	(58 - 150)	13	(0-32)	SW846 8260B
Carbon tetrachloride	89	(69 - 147)			SW846 8260B
	78	(69 - 147)	13	(0-20)	SW846 8260B
Chlorobenzene	69 a	(74 - 114)			SW846 8260B
	63 a	(74 - 114)	9.5	(0-20)	SW846 8260B
Chloroethane	106	(51 - 155)			SW846 8260B
	92	(51 - 155)	14	(0-22)	SW846 8260B
Chloroform	92	(77 - 125)			SW846 8260B
	82	(77 - 125)	12	(0-20)	SW846 8260B
Chloromethane	100	(47 - 148)			SW846 8260B
	83	(47 - 148)	18	(0-25)	SW846 8260B
Dibromomethane	92	(77 - 117)			SW846 8260B
	82	(77 - 117)	11	(0-20)	SW846 8260B
1,2-Dibromoethane (EDB)	80	(75 - 115)			SW846 8260B
	71 a	(75 - 115)	11	(0-20)	SW846 8260B
1,2-Dichlorobenzene	64 a	(72 - 112)			SW846 8260B
	60 a	(72 - 112)	7.8	(0-20)	SW846 8260B
1,3-Dichlorobenzene	62 a	(74 - 114)			SW846 8260B
	54 a	(74 - 114)	14	(0-20)	SW846 8260B
1,4-Dichlorobenzene	59 a	(73 - 113)			SW846 8260B
	56 a	(73 - 113)	3.5	(0-22)	SW846 8260B
Dichlorodifluoromethane	104	(42 - 178)			SW846 8260B
	89	(42 - 178)	15	(0-28)	SW846 8260B
1,1-Dichloroethane	90	(74 - 114)			SW846 8260B
	79	(74 - 114)	13	(0-20)	SW846 8260B
1,2-Dichloroethane	92	(62 - 142)			SW846 8260B
	82	(62 - 142)	12	(0-20)	SW846 8260B
1,1-Dichloroethene	104	(77 - 143)			SW846 8260B
	91	(77 - 143)	14	(0-20)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7G200178 **Work Order #...:** J30JM1AC-MS **Matrix.....:** SOLID
MS Lot-Sample #: D7F060127-063 J30JM1AD-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2-Dichloroethene (total)	90	(80 - 120)			SW846 8260B
	81	(80 - 120)	11	(0-20)	SW846 8260B
cis-1,2-Dichloroethene	91	(75 - 115)			SW846 8260B
	81	(75 - 115)	11	(0-20)	SW846 8260B
trans-1,2-Dichloroethene	90	(82 - 127)			SW846 8260B
	81 a	(82 - 127)	10	(0-20)	SW846 8260B
1,2-Dichloropropane	92	(74 - 114)			SW846 8260B
	81	(74 - 114)	13	(0-20)	SW846 8260B
cis-1,3-Dichloropropene	89	(77 - 117)			SW846 8260B
	80	(77 - 117)	11	(0-20)	SW846 8260B
trans-1,3-Dichloropropene	79	(71 - 120)			SW846 8260B
	71	(71 - 120)	11	(0-20)	SW846 8260B
Ethylbenzene	64 a	(78 - 118)			SW846 8260B
	58 a	(78 - 118)	10	(0-20)	SW846 8260B
2-Hexanone	75	(58 - 136)			SW846 8260B
	66	(58 - 136)	14	(0-29)	SW846 8260B
Methylene chloride	101	(76 - 116)			SW846 8260B
	88	(76 - 116)	14	(0-21)	SW846 8260B
4-Methyl-2-pentanone	83	(62 - 130)			SW846 8260B
	71	(62 - 130)	15	(0-25)	SW846 8260B
Styrene	68 a	(77 - 117)			SW846 8260B
	62 a	(77 - 117)	9.6	(0-20)	SW846 8260B
1,1,1,2-Tetrachloroethane	81	(76 - 116)			SW846 8260B
	73 a	(76 - 116)	11	(0-20)	SW846 8260B
1,1,2,2-Tetrachloroethane	81	(68 - 119)			SW846 8260B
	72	(68 - 119)	11	(0-21)	SW846 8260B
Tetrachloroethene	70 a	(71 - 111)			SW846 8260B
	63 a	(71 - 111)	11	(0-20)	SW846 8260B
Toluene	72	(72 - 113)			SW846 8260B
	66 a	(72 - 113)	9.2	(0-20)	SW846 8260B
1,2,4-Trichloro-benzene	58 a	(73 - 116)			SW846 8260B
	53 a	(73 - 116)	8.5	(0-26)	SW846 8260B
1,1,1-Trichloroethane	88	(67 - 143)			SW846 8260B
	78	(67 - 143)	12	(0-20)	SW846 8260B
1,1,2-Trichloroethane	84	(69 - 109)			SW846 8260B
	74	(69 - 109)	12	(0-20)	SW846 8260B
Trichloroethene	89	(78 - 118)			SW846 8260B
	76 a	(78 - 118)	14	(0-20)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7G200178 **Work Order #...:** J30JM1AC-MS **Matrix.....:** SOLID
MS Lot-Sample #: D7F060127-063 J30JM1AD-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Trichlorofluoromethane	116	(50 - 155)			SW846 8260B
	100	(50 - 155)	15	(0-33)	SW846 8260B
1,2,3-Trichloropropane	70 a	(72 - 122)			SW846 8260B
	62 a	(72 - 122)	13	(0-21)	SW846 8260B
Vinyl chloride	96	(45 - 148)			SW846 8260B
	82	(45 - 148)	16	(0-24)	SW846 8260B
Xylenes (total)	63 a	(77 - 117)			SW846 8260B
	57 a	(77 - 117)	10	(0-20)	SW846 8260B
n-Butylbenzene	46 a	(66 - 130)			SW846 8260B
	43 a	(66 - 130)	7.5	(0-21)	SW846 8260B
sec-Butylbenzene	55 a	(79 - 128)			SW846 8260B
	50 a	(79 - 128)	9.0	(0-22)	SW846 8260B
Isopropylbenzene	57 a	(71 - 111)			SW846 8260B
	51 a	(71 - 111)	10	(0-20)	SW846 8260B
1,2,4-Trimethylbenzene	54 a	(78 - 126)			SW846 8260B
	49 a	(78 - 126)	9.1	(0-20)	SW846 8260B
1,3,5-Trimethylbenzene	53 a	(77 - 125)			SW846 8260B
	49 a	(77 - 125)	9.4	(0-21)	SW846 8260B
n-Propylbenzene	53 a	(79 - 120)			SW846 8260B
	47 a	(79 - 120)	11	(0-22)	SW846 8260B
tert-Butylbenzene	56 a	(77 - 124)			SW846 8260B
	51 a	(77 - 124)	9.7	(0-22)	SW846 8260B
Carbon disulfide	65	(49 - 121)			SW846 8260B
	59	(49 - 121)	9.6	(0-24)	SW846 8260B
Dibromochloromethane	85	(74 - 114)			SW846 8260B
	77	(74 - 114)	11	(0-20)	SW846 8260B
2-Chlorotoluene	59 a	(80 - 120)			SW846 8260B
	53 a	(80 - 120)	11	(0-22)	SW846 8260B
4-Chlorotoluene	56 a	(77 - 117)			SW846 8260B
	52 a	(77 - 117)	7.1	(0-20)	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	77	(60 - 120)			SW846 8260B
	67	(60 - 120)	14	(0-28)	SW846 8260B
1,3-Dichloropropane	82	(72 - 112)			SW846 8260B
	74	(72 - 112)	11	(0-20)	SW846 8260B
2,2-Dichloropropane	83	(64 - 144)			SW846 8260B
	73	(64 - 144)	14	(0-20)	SW846 8260B
1,1-Dichloropropene	85	(76 - 123)			SW846 8260B
	74 a	(76 - 123)	14	(0-20)	SW846 8260B
Hexachlorobutadiene	51 a	(69 - 125)			SW846 8260B
	47 a	(69 - 125)	8.7	(0-25)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7G200178 **Work Order #...:** J30JM1AC-MS **Matrix.....:** SOLID
MS Lot-Sample #: D7F060127-063 J30JM1AD-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
4-Isopropyltoluene	**50 a**	**(73 - 118)**			**SW846 8260B**
	45 a	**(73 - 118)**	**10**	**(0-20)**	**SW846 8260B**
Methyl tert-butyl ether	**86**	**(69 - 129)**			**SW846 8260B**
	75	**(69 - 129)**	**13**	**(0-20)**	**SW846 8260B**
1,2,3-Trichlorobenzene	**71**	**(69 - 113)**			**SW846 8260B**
	65 a	**(69 - 113)**	**8.8**	**(0-31)**	**SW846 8260B**
m-Xylene & p-Xylene	**62 a**	**(77 - 117)**			**SW846 8260B**
	56 a	**(77 - 117)**	**11**	**(0-20)**	**SW846 8260B**
o-Xylene	**65 a**	**(77 - 117)**			**SW846 8260B**
	59 a	**(77 - 117)**	**9.6**	**(0-20)**	**SW846 8260B**
Bromobenzene	**65 a**	**(74 - 114)**			**SW846 8260B**
	60 a	**(74 - 114)**	**7.9**	**(0-22)**	**SW846 8260B**
Bromochloromethane	**99**	**(77 - 117)**			**SW846 8260B**
	89	**(77 - 117)**	**11**	**(0-21)**	**SW846 8260B**
Naphthalene	**77**	**(65 - 113)**			**SW846 8260B**
	69	**(65 - 113)**	**11**	**(0-38)**	**SW846 8260B**
Vinyl acetate	**99**	**(79 - 185)**			**SW846 8260B**
	89	**(79 - 185)**	**9.8**	**(0-27)**	**SW846 8260B**
2-Pentanone	**68**	**(43 - 143)**			**SW846 8260B**
	59	**(43 - 143)**	**14**	**(0-30)**	**SW846 8260B**
2-Chloroethyl vinyl ether	**68**	**(48 - 144)**			**SW846 8260B**
	59	**(48 - 144)**	**14**	**(0-26)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	97	(75 - 121)
	85	(75 - 121)
1,2-Dichloroethane-d4	79	(58 - 140)
	69	(58 - 140)
4-Bromofluorobenzene	119	(76 - 127)
	108	(76 - 127)
Toluene-d8	102	(80 - 126)
	93	(80 - 126)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7G200178 **Work Order #...:** J30JM1AC-MS **Matrix.....:** SOLID
MS Lot-Sample #: D7F060127-063 J30JM1AD-MSD
Date Sampled...: 07/30/07 07:00 **Date Received..:** 07/30/07
Prep Date.....: 07/30/07 **Analysis Date..:** 07/31/07
Prep Batch #...: 7213179 **Analysis Time..:** 20:16
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Acetone	ND	100	71.0	ug/kg	71		SW846 8260B
	ND	100	60.6	ug/kg	61	16	SW846 8260B
Benzene	ND	50.0	45.3	ug/kg	91		SW846 8260B
	ND	50.0	40.0	ug/kg	80	12	SW846 8260B
Bromodichloromethane	ND	50.0	44.9	ug/kg	90		SW846 8260B
	ND	50.0	40.5	ug/kg	81	10	SW846 8260B
Bromoform	ND	50.0	42.1	ug/kg	84		SW846 8260B
	ND	50.0	37.7	ug/kg	75	11	SW846 8260B
Bromomethane	ND	50.0	57.1	ug/kg	114		SW846 8260B
	ND	50.0	50.3	ug/kg	101	13	SW846 8260B
2-Butanone (MEK)	9.9	100	80.0	ug/kg	70		SW846 8260B
	9.9	100	70.4	ug/kg	61	13	SW846 8260B
Carbon tetrachloride	ND	50.0	44.5	ug/kg	89		SW846 8260B
	ND	50.0	39.1	ug/kg	78	13	SW846 8260B
Chlorobenzene	ND	50.0	34.6	ug/kg	69 a		SW846 8260B
	ND	50.0	31.4	ug/kg	63 a	9.5	SW846 8260B
Chloroethane	ND	50.0	52.8	ug/kg	106		SW846 8260B
	ND	50.0	45.9	ug/kg	92	14	SW846 8260B
Chloroform	ND	50.0	46.2	ug/kg	92		SW846 8260B
	ND	50.0	40.8	ug/kg	82	12	SW846 8260B
Chloromethane	ND	50.0	50.1	ug/kg	100		SW846 8260B
	ND	50.0	41.7	ug/kg	83	18	SW846 8260B
Dibromomethane	ND	50.0	46.0	ug/kg	92		SW846 8260B
	ND	50.0	41.0	ug/kg	82	11	SW846 8260B
1,2-Dibromoethane (EDB)	ND	50.0	39.8	ug/kg	80		SW846 8260B
	ND	50.0	35.5	ug/kg	71 a	11	SW846 8260B
1,2-Dichlorobenzene	ND	50.0	32.2	ug/kg	64 a		SW846 8260B
	ND	50.0	29.8	ug/kg	60 a	7.8	SW846 8260B
1,3-Dichlorobenzene	ND	50.0	30.8	ug/kg	62 a		SW846 8260B
	ND	50.0	26.9	ug/kg	54 a	14	SW846 8260B
1,4-Dichlorobenzene	ND	50.0	29.3	ug/kg	59 a		SW846 8260B
	ND	50.0	28.2	ug/kg	56 a	3.5	SW846 8260B
Dichlorodifluoromethane	ND	50.0	51.9	ug/kg	104		SW846 8260B
	ND	50.0	44.7	ug/kg	89	15	SW846 8260B
1,1-Dichloroethane	ND	50.0	45.0	ug/kg	90		SW846 8260B
	ND	50.0	39.6	ug/kg	79	13	SW846 8260B
1,2-Dichloroethane	ND	50.0	46.2	ug/kg	92		SW846 8260B
	ND	50.0	41.0	ug/kg	82	12	SW846 8260B
1,1-Dichloroethene	ND	50.0	52.1	ug/kg	104		SW846 8260B
	ND	50.0	45.4	ug/kg	91	14	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7G200178 **Work Order #...:** J30JM1AC-MS **Matrix.....:** SOLID
MS Lot-Sample #: D7F060127-063 J30JM1AD-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,2-Dichloroethene (total)	ND	100	90.3	ug/kg	90		SW846 8260B
	ND	100	80.9	ug/kg	81	11	SW846 8260B
cis-1,2-Dichloroethene	ND	50.0	45.5	ug/kg	91		SW846 8260B
	ND	50.0	40.6	ug/kg	81	11	SW846 8260B
trans-1,2-Dichloroethene	ND	50.0	44.8	ug/kg	90		SW846 8260B
	ND	50.0	40.4	ug/kg	81 a	10	SW846 8260B
1,2-Dichloropropane	ND	50.0	45.9	ug/kg	92		SW846 8260B
	ND	50.0	40.4	ug/kg	81	13	SW846 8260B
cis-1,3-Dichloropropene	ND	50.0	44.7	ug/kg	89		SW846 8260B
	ND	50.0	39.8	ug/kg	80	11	SW846 8260B
trans-1,3-Dichloropropene	ND	50.0	39.6	ug/kg	79		SW846 8260B
	ND	50.0	35.4	ug/kg	71	11	SW846 8260B
Ethylbenzene	ND	50.0	32.2	ug/kg	64 a		SW846 8260B
	ND	50.0	29.2	ug/kg	58 a	10	SW846 8260B
2-Hexanone	ND	100	75.3	ug/kg	75		SW846 8260B
	ND	100	65.5	ug/kg	66	14	SW846 8260B
Methylene chloride	ND	50.0	50.4	ug/kg	101		SW846 8260B
	ND	50.0	44.0	ug/kg	88	14	SW846 8260B
4-Methyl-2-pentanone	ND	100	83.0	ug/kg	83		SW846 8260B
	ND	100	71.4	ug/kg	71	15	SW846 8260B
Styrene	ND	50.0	34.0	ug/kg	68 a		SW846 8260B
	ND	50.0	30.9	ug/kg	62 a	9.6	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	50.0	40.4	ug/kg	81		SW846 8260B
	ND	50.0	36.4	ug/kg	73 a	11	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	50.0	40.3	ug/kg	81		SW846 8260B
	ND	50.0	36.1	ug/kg	72	11	SW846 8260B
Tetrachloroethene	ND	50.0	35.2	ug/kg	70 a		SW846 8260B
	ND	50.0	31.4	ug/kg	63 a	11	SW846 8260B
Toluene	ND	50.0	36.1	ug/kg	72		SW846 8260B
	ND	50.0	32.9	ug/kg	66 a	9.2	SW846 8260B
1,2,4-Trichloro-benzene	ND	50.0	28.9	ug/kg	58 a		SW846 8260B
	ND	50.0	26.5	ug/kg	53 a	8.5	SW846 8260B
1,1,1-Trichloroethane	ND	50.0	44.0	ug/kg	88		SW846 8260B
	ND	50.0	38.9	ug/kg	78	12	SW846 8260B
1,1,2-Trichloroethane	2.6	50.0	44.7	ug/kg	84		SW846 8260B
	2.6	50.0	39.6	ug/kg	74	12	SW846 8260B
Trichloroethene	2.3	50.0	46.7	ug/kg	89		SW846 8260B
	2.3	50.0	40.4	ug/kg	76 a	14	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7G200178 **Work Order #...:** J30JM1AC-MS **Matrix.....:** SOLID
MS Lot-Sample #: D7F060127-063 J30JM1AD-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Trichlorofluoromethane	ND	50.0	58.1	ug/kg	116		SW846 8260B
	ND	50.0	49.9	ug/kg	100	15	SW846 8260B
1,2,3-Trichloropropane	ND	50.0	35.0	ug/kg	70 a		SW846 8260B
	ND	50.0	30.8	ug/kg	62 a	13	SW846 8260B
Vinyl chloride	ND	50.0	48.0	ug/kg	96		SW846 8260B
	ND	50.0	41.0	ug/kg	82	16	SW846 8260B
Xylenes (total)	ND	150	94.8	ug/kg	63 a		SW846 8260B
	ND	150	85.5	ug/kg	57 a	10	SW846 8260B
n-Butylbenzene	ND	50.0	23.1	ug/kg	46 a		SW846 8260B
	ND	50.0	21.4	ug/kg	43 a	7.5	SW846 8260B
sec-Butylbenzene	ND	50.0	27.5	ug/kg	55 a		SW846 8260B
	ND	50.0	25.2	ug/kg	50 a	9.0	SW846 8260B
Isopropylbenzene	ND	50.0	28.3	ug/kg	57 a		SW846 8260B
	ND	50.0	25.6	ug/kg	51 a	10	SW846 8260B
1,2,4-Trimethylbenzene	ND	50.0	26.8	ug/kg	54 a		SW846 8260B
	ND	50.0	24.5	ug/kg	49 a	9.1	SW846 8260B
1,3,5-Trimethylbenzene	ND	50.0	26.7	ug/kg	53 a		SW846 8260B
	ND	50.0	24.3	ug/kg	49 a	9.4	SW846 8260B
n-Propylbenzene	ND	50.0	26.3	ug/kg	53 a		SW846 8260B
	ND	50.0	23.7	ug/kg	47 a	11	SW846 8260B
tert-Butylbenzene	ND	50.0	28.2	ug/kg	56 a		SW846 8260B
	ND	50.0	25.6	ug/kg	51 a	9.7	SW846 8260B
Carbon disulfide	ND	50.0	32.4	ug/kg	65		SW846 8260B
	ND	50.0	29.5	ug/kg	59	9.6	SW846 8260B
Dibromochloromethane	ND	50.0	42.7	ug/kg	85		SW846 8260B
	ND	50.0	38.3	ug/kg	77	11	SW846 8260B
2-Chlorotoluene	ND	50.0	29.7	ug/kg	59 a		SW846 8260B
	ND	50.0	26.6	ug/kg	53 a	11	SW846 8260B
4-Chlorotoluene	ND	50.0	27.9	ug/kg	56 a		SW846 8260B
	ND	50.0	26.0	ug/kg	52 a	7.1	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	ND	50.0	38.5	ug/kg	77		SW846 8260B
	ND	50.0	33.4	ug/kg	67	14	SW846 8260B
1,3-Dichloropropane	ND	50.0	41.0	ug/kg	82		SW846 8260B
	ND	50.0	36.8	ug/kg	74	11	SW846 8260B
2,2-Dichloropropane	ND	50.0	41.7	ug/kg	83		SW846 8260B
	ND	50.0	36.4	ug/kg	73	14	SW846 8260B
1,1-Dichloropropene	ND	50.0	42.5	ug/kg	85		SW846 8260B
	ND	50.0	37.0	ug/kg	74 a	14	SW846 8260B
Hexachlorobutadiene	ND	50.0	25.4	ug/kg	51 a		SW846 8260B
	ND	50.0	23.3	ug/kg	47 a	8.7	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7G200178 **Work Order #...:** J30JM1AC-MS **Matrix.....:** SOLID
MS Lot-Sample #: D7F060127-063 J30JM1AD-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
4-Isopropyltoluene	**ND**	**50.0**	**25.0**	**ug/kg**	**50 a**		**SW846 8260B**
	ND	**50.0**	**22.6**	**ug/kg**	**45 a**	**10**	**SW846 8260B**
Methyl tert-butyl ether	**ND**	**100**	**85.6**	**ug/kg**	**86**		**SW846 8260B**
	ND	**100**	**75.1**	**ug/kg**	**75**	**13**	**SW846 8260B**
1,2,3-Trichlorobenzene	**ND**	**50.0**	**35.4**	**ug/kg**	**71**		**SW846 8260B**
	ND	**50.0**	**32.4**	**ug/kg**	**65 a**	**8.8**	**SW846 8260B**
m-Xylene & p-Xylene	**ND**	**100**	**62.2**	**ug/kg**	**62 a**		**SW846 8260B**
	ND	**100**	**55.9**	**ug/kg**	**56 a**	**11**	**SW846 8260B**
o-Xylene	**ND**	**50.0**	**32.6**	**ug/kg**	**65 a**		**SW846 8260B**
	ND	**50.0**	**29.6**	**ug/kg**	**59 a**	**9.6**	**SW846 8260B**
Bromobenzene	**ND**	**50.0**	**32.6**	**ug/kg**	**65 a**		**SW846 8260B**
	ND	**50.0**	**30.1**	**ug/kg**	**60 a**	**7.9**	**SW846 8260B**
Bromochloromethane	**ND**	**50.0**	**49.7**	**ug/kg**	**99**		**SW846 8260B**
	ND	**50.0**	**44.3**	**ug/kg**	**89**	**11**	**SW846 8260B**
Naphthalene	**ND**	**50.0**	**38.3**	**ug/kg**	**77**		**SW846 8260B**
	ND	**50.0**	**34.4**	**ug/kg**	**69**	**11**	**SW846 8260B**
Vinyl acetate	**ND**	**50.0**	**49.3**	**ug/kg**	**99**		**SW846 8260B**
	ND	**50.0**	**44.7**	**ug/kg**	**89**	**9.8**	**SW846 8260B**
2-Pentanone	**ND**	**100**	**68.2**	**ug/kg**	**68**		**SW846 8260B**
	ND	**100**	**59.2**	**ug/kg**	**59**	**14**	**SW846 8260B**
2-Chloroethyl vinyl ether	**ND**	**50.0**	**33.8**	**ug/kg**	**68**		**SW846 8260B**
	ND	**50.0**	**29.3**	**ug/kg**	**59**	**14**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	97	(75 - 121)
	85	(75 - 121)
1,2-Dichloroethane-d4	79	(58 - 140)
	69	(58 - 140)
4-Bromofluorobenzene	119	(76 - 127)
	108	(76 - 127)
Toluene-d8	102	(80 - 126)
	93	(80 - 126)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: D7G200178 **Work Order #...:** J3DP11AA **Matrix.....:** WATER
MB Lot-Sample #: D7G230000-177

Prep Date.....: 07/23/07 **Analysis Time..:** 17:29
Analysis Date..: 08/01/07 **Prep Batch #...:** 7204177
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acenaphthene	ND	10	ug/L	SW846 8270C
Acenaphthylene	ND	10	ug/L	SW846 8270C
Acetophenone	ND	10	ug/L	SW846 8270C
Anthracene	ND	10	ug/L	SW846 8270C
Benzo(a)anthracene	ND	10	ug/L	SW846 8270C
Benzo(b)fluoranthene	ND	10	ug/L	SW846 8270C
Benzo(k)fluoranthene	ND	10	ug/L	SW846 8270C
Benzo(ghi)perylene	ND	10	ug/L	SW846 8270C
Benzo(a)pyrene	ND	10	ug/L	SW846 8270C
bis(2-Chloroethoxy) methane	ND	10	ug/L	SW846 8270C
bis(2-Chloroethyl)-ether	ND	10	ug/L	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	SW846 8270C
4-Bromophenyl phenyl ether	ND	10	ug/L	SW846 8270C
Butyl benzyl phthalate	ND	20	ug/L	SW846 8270C
4-Chloroaniline	ND	20	ug/L	SW846 8270C
4-Chloro-3-methylphenol	ND	20	ug/L	SW846 8270C
2-Chloronaphthalene	ND	10	ug/L	SW846 8270C
2-Chlorophenol	ND	10	ug/L	SW846 8270C
4-Chlorophenyl phenyl ether	ND	10	ug/L	SW846 8270C
Chrysene	ND	10	ug/L	SW846 8270C
Dibenz(a,h)anthracene	ND	10	ug/L	SW846 8270C
Dibenzofuran	ND	10	ug/L	SW846 8270C
Di-n-butyl phthalate	ND	20	ug/L	SW846 8270C
3,3'-Dichlorobenzidine	ND	20	ug/L	SW846 8270C
2,4-Dichlorophenol	ND	10	ug/L	SW846 8270C
Diethyl phthalate	ND	20	ug/L	SW846 8270C
2,4-Dimethylphenol	ND	10	ug/L	SW846 8270C
Dimethyl phthalate	ND	20	ug/L	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	60	ug/L	SW846 8270C
2,4-Dinitrophenol	ND	60	ug/L	SW846 8270C
2,4-Dinitrotoluene	ND	20	ug/L	SW846 8270C
2,6-Dinitrotoluene	ND	20	ug/L	SW846 8270C
Di-n-octyl phthalate	ND	20	ug/L	SW846 8270C
Fluoranthene	ND	20	ug/L	SW846 8270C
Fluorene	ND	10	ug/L	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: D7G200178 **Work Order #...:** J3DP11AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Hexachlorobenzene	ND	10	ug/L	SW846 8270C
Hexachlorocyclopentadiene	ND	10	ug/L	SW846 8270C
Hexachloroethane	ND	10	ug/L	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	SW846 8270C
2-Methylnaphthalene	ND	10	ug/L	SW846 8270C
2-Methylphenol	ND	10	ug/L	SW846 8270C
Naphthalene	ND	10	ug/L	SW846 8270C
2-Nitroaniline	ND	50	ug/L	SW846 8270C
3-Nitroaniline	ND	50	ug/L	SW846 8270C
4-Nitroaniline	ND	50	ug/L	SW846 8270C
Nitrobenzene	ND	20	ug/L	SW846 8270C
2-Nitrophenol	ND	20	ug/L	SW846 8270C
4-Nitrophenol	ND	50	ug/L	SW846 8270C
N-Nitrosodiphenylamine	ND	10	ug/L	SW846 8270C
N-Nitrosodi-n-propylamine	ND	20	ug/L	SW846 8270C
Pentachlorophenol	ND	60	ug/L	SW846 8270C
Phenanthrene	ND	10	ug/L	SW846 8270C
Phenol	ND	10	ug/L	SW846 8270C
Pyrene	ND	10	ug/L	SW846 8270C
2,4,5-Trichlorophenol	ND	20	ug/L	SW846 8270C
2,4,6-Trichlorophenol	ND	20	ug/L	SW846 8270C
bis(2-Chloroisopropyl) ether	ND	10	ug/L	SW846 8270C
4-Methylphenol	ND	20	ug/L	SW846 8270C
Hexachlorobutadiene	ND	10	ug/L	SW846 8270C
Caprolactam	ND	20	ug/L	SW846 8270C
Atrazine	ND	50	ug/L	SW846 8270C
Carbazole	ND	10	ug/L	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	76	(51 - 120)
Phenol-d5	80	(51 - 120)
Nitrobenzene-d5	74	(48 - 120)
2-Fluorobiphenyl	49	(49 - 120)
2,4,6-Tribromophenol	80	(57 - 120)
Terphenyl-d14	90	(61 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

ND: The analyte was analyzed for, but not detected.

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: D7G200178 **Work Order #...:** J3D7N1AA **Matrix.....:** SOLID
MB Lot-Sample #: D7G230000-311

Prep Date.....: 07/23/07 **Analysis Time..:** 09:03
Analysis Date..: 07/26/07 **Prep Batch #...:** 7204311
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acenaphthene	ND	330	ug/kg	SW846 8270C
Acenaphthylene	ND	330	ug/kg	SW846 8270C
Acetophenone	ND	330	ug/kg	SW846 8270C
Anthracene	ND	330	ug/kg	SW846 8270C
Benzo(a)anthracene	ND	660	ug/kg	SW846 8270C
Benzo(b)fluoranthene	ND	660	ug/kg	SW846 8270C
Benzo(k)fluoranthene	ND	660	ug/kg	SW846 8270C
Benzo(ghi)perylene	ND	660	ug/kg	SW846 8270C
Benzo(a)pyrene	ND	660	ug/kg	SW846 8270C
bis(2-Chloroethoxy) methane	ND	330	ug/kg	SW846 8270C
bis(2-Chloroethyl)-ether	ND	660	ug/kg	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	660	ug/kg	SW846 8270C
4-Bromophenyl phenyl ether	ND	660	ug/kg	SW846 8270C
Butyl benzyl phthalate	ND	660	ug/kg	SW846 8270C
4-Chloroaniline	ND	1300	ug/kg	SW846 8270C
4-Chloro-3-methylphenol	ND	1300	ug/kg	SW846 8270C
2-Chloronaphthalene	ND	330	ug/kg	SW846 8270C
2-Chlorophenol	ND	660	ug/kg	SW846 8270C
4-Chlorophenyl phenyl ether	ND	660	ug/kg	SW846 8270C
Chrysene	ND	660	ug/kg	SW846 8270C
Dibenz(a,h)anthracene	ND	660	ug/kg	SW846 8270C
Dibenzofuran	ND	660	ug/kg	SW846 8270C
Di-n-butyl phthalate	ND	660	ug/kg	SW846 8270C
3,3'-Dichlorobenzidine	ND	1300	ug/kg	SW846 8270C
2,4-Dichlorophenol	ND	660	ug/kg	SW846 8270C
Diethyl phthalate	ND	660	ug/kg	SW846 8270C
2,4-Dimethylphenol	ND	660	ug/kg	SW846 8270C
Dimethyl phthalate	ND	660	ug/kg	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	3300	ug/kg	SW846 8270C
2,4-Dinitrophenol	ND	3300	ug/kg	SW846 8270C
2,4-Dinitrotoluene	ND	660	ug/kg	SW846 8270C
2,6-Dinitrotoluene	ND	660	ug/kg	SW846 8270C
Di-n-octyl phthalate	ND	660	ug/kg	SW846 8270C
Fluoranthene	ND	660	ug/kg	SW846 8270C
Fluorene	ND	660	ug/kg	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: D7G200178 **Work Order #...:** J3D7N1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Hexachlorobenzene	ND	660	ug/kg	SW846 8270C
Hexachlorocyclopenta-diene	ND	660	ug/kg	SW846 8270C
Hexachloroethane	ND	660	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	660	ug/kg	SW846 8270C
2-Methylnaphthalene	ND	660	ug/kg	SW846 8270C
2-Methylphenol	ND	660	ug/kg	SW846 8270C
Naphthalene	ND	660	ug/kg	SW846 8270C
2-Nitroaniline	ND	3300	ug/kg	SW846 8270C
3-Nitroaniline	ND	3300	ug/kg	SW846 8270C
4-Nitroaniline	ND	3300	ug/kg	SW846 8270C
Nitrobenzene	ND	660	ug/kg	SW846 8270C
2-Nitrophenol	ND	660	ug/kg	SW846 8270C
4-Nitrophenol	ND	3300	ug/kg	SW846 8270C
N-Nitrosodiphenylamine	ND	660	ug/kg	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	660	ug/kg	SW846 8270C
Pentachlorophenol	ND	3300	ug/kg	SW846 8270C
Phenanthrene	ND	660	ug/kg	SW846 8270C
Phenol	ND	660	ug/kg	SW846 8270C
Pyrene	ND	660	ug/kg	SW846 8270C
2,4,5-Trichloro-phenol	ND	660	ug/kg	SW846 8270C
2,4,6-Trichloro-phenol	ND	660	ug/kg	SW846 8270C
bis(2-Chloroisopropyl) ether	ND	660	ug/kg	SW846 8270C
4-Methylphenol	ND	660	ug/kg	SW846 8270C
Hexachlorobutadiene	ND	660	ug/kg	SW846 8270C
Caprolactam	ND	1600	ug/kg	SW846 8270C
Atrazine	ND	330	ug/kg	SW846 8270C
Carbazole	ND	330	ug/kg	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	63	(53 - 120)
Phenol-d5	61	(52 - 120)
Nitrobenzene-d5	59	(50 - 120)
2-Fluorobiphenyl	62	(50 - 120)
2,4,6-Tribromophenol	60	(51 - 120)
Terphenyl-d14	71	(55 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

ND: The analyte was analyzed for, but not detected.

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: D7G200178
MB Lot-Sample #: D7G270000-424
Work Order #...: J3QRM1AA
Matrix.....: SOLID
Prep Date.....: 07/27/07
Analysis Time..: 15:07
Analysis Date..: 08/01/07
Prep Batch #...: 7208424
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acenaphthene	ND	330	ug/kg	SW846 8270C
Acenaphthylene	ND	330	ug/kg	SW846 8270C
Acetophenone	ND	330	ug/kg	SW846 8270C
Anthracene	ND	330	ug/kg	SW846 8270C
Benzo(a)anthracene	ND	660	ug/kg	SW846 8270C
Benzo(b)fluoranthene	ND	660	ug/kg	SW846 8270C
Benzo(k)fluoranthene	ND	660	ug/kg	SW846 8270C
Benzo(ghi)perylene	ND	660	ug/kg	SW846 8270C
Benzo(a)pyrene	ND	660	ug/kg	SW846 8270C
bis(2-Chloroethoxy) methane	ND	330	ug/kg	SW846 8270C
bis(2-Chloroethyl)-ether	ND	660	ug/kg	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	660	ug/kg	SW846 8270C
4-Bromophenyl phenyl ether	ND	660	ug/kg	SW846 8270C
Butyl benzyl phthalate	ND	660	ug/kg	SW846 8270C
4-Chloroaniline	ND	1300	ug/kg	SW846 8270C
4-Chloro-3-methylphenol	ND	1300	ug/kg	SW846 8270C
2-Chloronaphthalene	ND	330	ug/kg	SW846 8270C
2-Chlorophenol	ND	660	ug/kg	SW846 8270C
4-Chlorophenyl phenyl ether	ND	660	ug/kg	SW846 8270C
Chrysene	ND	660	ug/kg	SW846 8270C
Dibenz(a,h)anthracene	ND	660	ug/kg	SW846 8270C
Dibenzofuran	ND	660	ug/kg	SW846 8270C
Di-n-butyl phthalate	ND	660	ug/kg	SW846 8270C
3,3'-Dichlorobenzidine	ND	1300	ug/kg	SW846 8270C
2,4-Dichlorophenol	ND	660	ug/kg	SW846 8270C
Diethyl phthalate	ND	660	ug/kg	SW846 8270C
2,4-Dimethylphenol	ND	660	ug/kg	SW846 8270C
Dimethyl phthalate	ND	660	ug/kg	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	3300	ug/kg	SW846 8270C
2,4-Dinitrophenol	ND	3300	ug/kg	SW846 8270C
2,4-Dinitrotoluene	ND	660	ug/kg	SW846 8270C
2,6-Dinitrotoluene	ND	660	ug/kg	SW846 8270C
Di-n-octyl phthalate	ND	660	ug/kg	SW846 8270C
Fluoranthene	ND	660	ug/kg	SW846 8270C
Fluorene	ND	660	ug/kg	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: D7G200178 **Work Order #...:** J3QRM1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Hexachlorobenzene	ND	660	ug/kg	SW846 8270C
Hexachlorocyclopenta-diene	ND	660	ug/kg	SW846 8270C
Hexachloroethane	ND	660	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	660	ug/kg	SW846 8270C
2-Methylnaphthalene	ND	660	ug/kg	SW846 8270C
2-Methylphenol	ND	660	ug/kg	SW846 8270C
Naphthalene	ND	660	ug/kg	SW846 8270C
2-Nitroaniline	ND	3300	ug/kg	SW846 8270C
3-Nitroaniline	ND	3300	ug/kg	SW846 8270C
4-Nitroaniline	ND	3300	ug/kg	SW846 8270C
Nitrobenzene	ND	660	ug/kg	SW846 8270C
2-Nitrophenol	ND	660	ug/kg	SW846 8270C
4-Nitrophenol	ND	3300	ug/kg	SW846 8270C
N-Nitrosodiphenylamine	ND	660	ug/kg	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	660	ug/kg	SW846 8270C
Pentachlorophenol	ND	3300	ug/kg	SW846 8270C
Phenanthrene	ND	660	ug/kg	SW846 8270C
Phenol	ND	660	ug/kg	SW846 8270C
Pyrene	ND	660	ug/kg	SW846 8270C
2,4,5-Trichloro-phenol	ND	660	ug/kg	SW846 8270C
2,4,6-Trichloro-phenol	ND	660	ug/kg	SW846 8270C
bis(2-Chloroisopropyl) ether	ND	660	ug/kg	SW846 8270C
4-Methylphenol	ND	660	ug/kg	SW846 8270C
Hexachlorobutadiene	ND	660	ug/kg	SW846 8270C
Caprolactam	ND	1600	ug/kg	SW846 8270C
Atrazine	ND	330	ug/kg	SW846 8270C
Carbazole	ND	330	ug/kg	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	73	(53 - 120)
Phenol-d5	74	(52 - 120)
Nitrobenzene-d5	74	(50 - 120)
2-Fluorobiphenyl	72	(50 - 120)
2,4,6-Tribromophenol	75	(51 - 120)
Terphenyl-d14	95	(55 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

ND: The analyte was analyzed for, but not detected.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G200178 Work Order #...: J3DP11AC Matrix.....: WATER
LCS Lot-Sample#: D7G230000-177
Prep Date.....: 07/23/07 Analysis Date..: 07/31/07
Prep Batch #...: 7204177 Analysis Time..: 13:58
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Acenaphthene	65	(53 - 120)	SW846 8270C
1,2,4-Trichloro-benzene	55	(43 - 120)	SW846 8270C
Acenaphthylene	66	(54 - 120)	SW846 8270C
1,3-Dichlorobenzene	52	(38 - 120)	SW846 8270C
Anthracene	85	(56 - 120)	SW846 8270C
Benzo(a)anthracene	87	(54 - 120)	SW846 8270C
Benzo(b)fluoranthene	86	(57 - 120)	SW846 8270C
Benzo(k)fluoranthene	87	(52 - 120)	SW846 8270C
Benzo(ghi)perylene	87	(53 - 120)	SW846 8270C
Benzo(a)pyrene	83	(53 - 120)	SW846 8270C
bis(2-Chloroethoxy) methane	78	(52 - 120)	SW846 8270C
bis(2-Chloroethyl)-ether	68	(49 - 120)	SW846 8270C
bis(2-Ethylhexyl) phthalate	91	(48 - 120)	SW846 8270C
4-Bromophenyl phenyl ether	83	(52 - 120)	SW846 8270C
Butyl benzyl phthalate	90	(55 - 120)	SW846 8270C
4-Chloroaniline	74	(52 - 120)	SW846 8270C
4-Chloro-3-methylphenol	88	(63 - 120)	SW846 8270C
2-Chloronaphthalene	60	(47 - 120)	SW846 8270C
2-Chlorophenol	73	(57 - 120)	SW846 8270C
4-Chlorophenyl phenyl ether	76	(56 - 120)	SW846 8270C
Chrysene	84	(56 - 120)	SW846 8270C
Dibenz(a,h)anthracene	88	(54 - 120)	SW846 8270C
Dibenzofuran	71	(58 - 120)	SW846 8270C
Di-n-butyl phthalate	92	(52 - 120)	SW846 8270C
3,3'-Dichlorobenzidine	62	(29 - 120)	SW846 8270C
2,4-Dichlorophenol	83	(59 - 120)	SW846 8270C
Diethyl phthalate	91	(61 - 120)	SW846 8270C
2,4-Dimethylphenol	64	(41 - 120)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G200178 **Work Order #...:** J3DP11AC **Matrix.....:** WATER
LCS Lot-Sample#: D7G230000-177

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Dimethyl phthalate	89	(61 - 120)	SW846 8270C
4,6-Dinitro-2-methylphenol	90	(37 - 126)	SW846 8270C
2,4-Dinitrophenol	90	(30 - 136)	SW846 8270C
2,4-Dinitrotoluene	95	(51 - 120)	SW846 8270C
2,6-Dinitrotoluene	85	(42 - 125)	SW846 8270C
Di-n-octyl phthalate	92	(47 - 120)	SW846 8270C
Fluoranthene	92	(49 - 120)	SW846 8270C
Fluorene	76	(57 - 120)	SW846 8270C
Hexachlorobenzene	87	(53 - 120)	SW846 8270C
Hexachlorocyclopentadiene	22	(10 - 120)	SW846 8270C
Hexachloroethane	51	(36 - 120)	SW846 8270C
Indeno(1,2,3-cd)pyrene	83	(56 - 120)	SW846 8270C
2-Methylnaphthalene	59	(54 - 120)	SW846 8270C
2-Methylphenol	76	(50 - 120)	SW846 8270C
Naphthalene	57	(46 - 120)	SW846 8270C
2-Nitroaniline	89	(44 - 120)	SW846 8270C
Benzyl alcohol	84	(55 - 120)	SW846 8270C
3-Nitroaniline	90	(49 - 120)	SW846 8270C
4-Nitroaniline	89	(39 - 120)	SW846 8270C
Nitrobenzene	73	(41 - 120)	SW846 8270C
2-Nitrophenol	78	(51 - 120)	SW846 8270C
4-Nitrophenol	89	(49 - 124)	SW846 8270C
N-Nitrosodiphenylamine	68	(58 - 120)	SW846 8270C
N-Nitrosodi-n-propylamine	82	(46 - 120)	SW846 8270C
Pentachlorophenol	95	(52 - 120)	SW846 8270C
Phenanthrene	83	(57 - 120)	SW846 8270C
Benzoic acid	81	(16 - 120)	SW846 8270C
Phenol	77	(52 - 120)	SW846 8270C
Pyrene	85	(56 - 120)	SW846 8270C
2,4,5-Trichlorophenol	86	(60 - 120)	SW846 8270C
2,4,6-Trichlorophenol	82	(52 - 120)	SW846 8270C
bis(2-Chloroisopropyl) ether	66	(37 - 120)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G200178 **Work Order #...:** J3DP11AC **Matrix.....:** WATER
LCS Lot-Sample#: D7G230000-177

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
4-Methylphenol	**79**	**(54 - 120)**	**SW846 8270C**
Hexachlorobutadiene	**53**	**(40 - 120)**	**SW846 8270C**
Carbazole	**89**	**(48 - 120)**	**SW846 8270C**
Isophorone	**86**	**(51 - 120)**	**SW846 8270C**
Pyridine	**62**	**(24 - 120)**	**SW846 8270C**
3-Methylphenol & 4-Methylphenol	**79**	**(54 - 120)**	**SW846 8270C**
N-Nitrosodimethylamine	**72**	**(44 - 120)**	**SW846 8270C**
1,2-Dichlorobenzene	**54**	**(40 - 120)**	**SW846 8270C**
1,4-Dichlorobenzene	**51**	**(38 - 120)**	**SW846 8270C**
Aniline	**44**	**(10 - 120)**	**SW846 8270C**
1,2-Diphenylhydrazine (as Azobenzene)	**80**	**(55 - 120)**	**SW846 8270C**
1-Methylnaphthalene	**58**	**(52 - 120)**	**SW846 8270C**
1,4-Dioxane	**71**	**(43 - 120)**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	71	(51 - 120)
Phenol-d5	76	(51 - 120)
Nitrobenzene-d5	74	(48 - 120)
2-Fluorobiphenyl	66	(49 - 120)
2,4,6-Tribromophenol	91	(57 - 120)
Terphenyl-d14	86	(61 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G200178 Work Order #...: J3DP11AC Matrix.....: WATER
LCS Lot-Sample#: D7G230000-177
Prep Date.....: 07/23/07 Analysis Date..: 07/31/07
Prep Batch #...: 7204177 Analysis Time..: 13:58
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Acenaphthene	100	65.3	ug/L	65	SW846 8270C
1,2,4-Trichloro-benzene	100	54.5	ug/L	55	SW846 8270C
Acenaphthylene	100	65.6	ug/L	66	SW846 8270C
1,3-Dichlorobenzene	100	52.0	ug/L	52	SW846 8270C
Anthracene	100	85.2	ug/L	85	SW846 8270C
Benzo(a)anthracene	100	86.9	ug/L	87	SW846 8270C
Benzo(b)fluoranthene	100	86.5	ug/L	86	SW846 8270C
Benzo(k)fluoranthene	100	86.5	ug/L	87	SW846 8270C
Benzo(ghi)perylene	100	87.4	ug/L	87	SW846 8270C
Benzo(a)pyrene	100	83.0	ug/L	83	SW846 8270C
bis(2-Chloroethoxy) methane	100	78.2	ug/L	78	SW846 8270C
bis(2-Chloroethyl)-ether	100	68.2	ug/L	68	SW846 8270C
bis(2-Ethylhexyl) phthalate	100	90.9	ug/L	91	SW846 8270C
4-Bromophenyl phenyl ether	100	83.1	ug/L	83	SW846 8270C
Butyl benzyl phthalate	100	89.7	ug/L	90	SW846 8270C
4-Chloroaniline	100	73.7	ug/L	74	SW846 8270C
4-Chloro-3-methylphenol	100	87.7	ug/L	88	SW846 8270C
2-Chloronaphthalene	100	60.0	ug/L	60	SW846 8270C
2-Chlorophenol	100	73.3	ug/L	73	SW846 8270C
4-Chlorophenyl phenyl ether	100	76.0	ug/L	76	SW846 8270C
Chrysene	100	84.4	ug/L	84	SW846 8270C
Dibenz(a,h)anthracene	100	87.9	ug/L	88	SW846 8270C
Dibenzofuran	100	70.9	ug/L	71	SW846 8270C
Di-n-butyl phthalate	100	92.0	ug/L	92	SW846 8270C
3,3'-Dichlorobenzidine	100	62.5	ug/L	62	SW846 8270C
2,4-Dichlorophenol	100	83.0	ug/L	83	SW846 8270C
Diethyl phthalate	100	90.8	ug/L	91	SW846 8270C
2,4-Dimethylphenol	100	64.3	ug/L	64	SW846 8270C

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G200178 **Work Order #...:** J3DP11AC **Matrix.....:** WATER
LCS Lot-Sample#: D7G230000-177

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Dimethyl phthalate	100	89.1	ug/L	89	SW846 8270C
4,6-Dinitro-2-methylphenol	100	89.7	ug/L	90	SW846 8270C
2,4-Dinitrophenol	100	90.3	ug/L	90	SW846 8270C
2,4-Dinitrotoluene	100	94.8	ug/L	95	SW846 8270C
2,6-Dinitrotoluene	100	85.4	ug/L	85	SW846 8270C
Di-n-octyl phthalate	100	92.1	ug/L	92	SW846 8270C
Fluoranthene	100	92.5	ug/L	92	SW846 8270C
Fluorene	100	75.6	ug/L	76	SW846 8270C
Hexachlorobenzene	100	87.4	ug/L	87	SW846 8270C
Hexachlorocyclopentadiene	100	22.5	ug/L	22	SW846 8270C
Hexachloroethane	100	51.0	ug/L	51	SW846 8270C
Indeno(1,2,3-cd)pyrene	100	83.4	ug/L	83	SW846 8270C
2-Methylnaphthalene	100	59.1	ug/L	59	SW846 8270C
2-Methylphenol	100	76.5	ug/L	76	SW846 8270C
Naphthalene	100	56.8	ug/L	57	SW846 8270C
2-Nitroaniline	100	89.1	ug/L	89	SW846 8270C
Benzyl alcohol	100	84.4	ug/L	84	SW846 8270C
3-Nitroaniline	100	89.9	ug/L	90	SW846 8270C
4-Nitroaniline	100	88.8	ug/L	89	SW846 8270C
Nitrobenzene	100	73.3	ug/L	73	SW846 8270C
2-Nitrophenol	100	77.9	ug/L	78	SW846 8270C
4-Nitrophenol	100	89.2	ug/L	89	SW846 8270C
N-Nitrosodiphenylamine	100	68.4	ug/L	68	SW846 8270C
N-Nitrosodi-n-propylamine	100	81.6	ug/L	82	SW846 8270C
Pentachlorophenol	100	94.8	ug/L	95	SW846 8270C
Phenanthrene	100	83.1	ug/L	83	SW846 8270C
Benzoic acid	100	81.2	ug/L	81	SW846 8270C
Phenol	100	77.5	ug/L	77	SW846 8270C
Pyrene	100	85.1	ug/L	85	SW846 8270C
2,4,5-Trichlorophenol	100	86.0	ug/L	86	SW846 8270C
2,4,6-Trichlorophenol	100	82.1	ug/L	82	SW846 8270C
bis(2-Chloroisopropyl) ether	100	65.6	ug/L	66	SW846 8270C

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G200178 **Work Order #...:** J3DP11AC **Matrix.....:** WATER
LCS Lot-Sample#: D7G230000-177

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
4-Methylphenol	**100**	**78.8**	**ug/L**	**79**	**SW846 8270C**
Hexachlorobutadiene	**100**	**53.0**	**ug/L**	**53**	**SW846 8270C**
Carbazole	**100**	**89.3**	**ug/L**	**89**	**SW846 8270C**
Isophorone	**100**	**86.1**	**ug/L**	**86**	**SW846 8270C**
Pyridine	**100**	**62.0**	**ug/L**	**62**	**SW846 8270C**
3-Methylphenol & 4-Methylphenol	**100**	**78.8**	**ug/L**	**79**	**SW846 8270C**
N-Nitrosodimethylamine	**100**	**71.9**	**ug/L**	**72**	**SW846 8270C**
1,2-Dichlorobenzene	**100**	**53.7**	**ug/L**	**54**	**SW846 8270C**
1,4-Dichlorobenzene	**100**	**51.4**	**ug/L**	**51**	**SW846 8270C**
Aniline	**100**	**43.9**	**ug/L**	**44**	**SW846 8270C**
1,2-Diphenylhydrazine (as Azobenzene)	**100**	**80.0**	**ug/L**	**80**	**SW846 8270C**
1-Methylnaphthalene	**100**	**58.5**	**ug/L**	**58**	**SW846 8270C**
1,4-Dioxane	**100**	**71.3**	**ug/L**	**71**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	71	(51 - 120)
Phenol-d5	76	(51 - 120)
Nitrobenzene-d5	74	(48 - 120)
2-Fluorobiphenyl	66	(49 - 120)
2,4,6-Tribromophenol	91	(57 - 120)
Terphenyl-d14	86	(61 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G200178 Work Order #...: J3D7N1AC Matrix.....: SOLID
LCS Lot-Sample#: D7G230000-311
Prep Date.....: 07/23/07 Analysis Date..: 07/26/07
Prep Batch #...: 7204311 Analysis Time..: 09:24
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Acenaphthene	76	(52 - 120)	SW846 8270C
1,2,4-Trichloro-benzene	72	(50 - 120)	SW846 8270C
Acenaphthylene	78	(53 - 120)	SW846 8270C
1,3-Dichlorobenzene	68	(46 - 120)	SW846 8270C
Anthracene	81	(57 - 120)	SW846 8270C
Benzo(a)anthracene	77	(55 - 120)	SW846 8270C
Benzo(b)fluoranthene	80	(52 - 120)	SW846 8270C
Benzo(k)fluoranthene	79	(54 - 120)	SW846 8270C
Benzo(ghi)perylene	84	(50 - 120)	SW846 8270C
Benzo(a)pyrene	78	(54 - 120)	SW846 8270C
bis(2-Chloroethoxy) methane	69	(49 - 120)	SW846 8270C
bis(2-Chloroethyl)-ether	69	(48 - 120)	SW846 8270C
bis(2-Ethylhexyl) phthalate	89	(51 - 120)	SW846 8270C
4-Bromophenyl phenyl ether	80	(53 - 120)	SW846 8270C
Butyl benzyl phthalate	91	(49 - 120)	SW846 8270C
4-Chloroaniline	61	(28 - 120)	SW846 8270C
4-Chloro-3-methylphenol	73	(57 - 120)	SW846 8270C
2-Chloronaphthalene	78	(53 - 120)	SW846 8270C
2-Chlorophenol	72	(53 - 120)	SW846 8270C
4-Chlorophenyl phenyl ether	75	(55 - 120)	SW846 8270C
Chrysene	79	(55 - 120)	SW846 8270C
Dibenz(a,h)anthracene	83	(55 - 120)	SW846 8270C
Dibenzofuran	79	(56 - 120)	SW846 8270C
Di-n-butyl phthalate	85	(57 - 120)	SW846 8270C
3,3'-Dichlorobenzidine	67	(34 - 120)	SW846 8270C
2,4-Dichlorophenol	76	(53 - 120)	SW846 8270C
Diethyl phthalate	80	(57 - 120)	SW846 8270C
2,4-Dimethylphenol	69	(53 - 120)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G200178 **Work Order #...:** J3D7N1AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7G230000-311

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Dimethyl phthalate	78	(57 - 120)	SW846 8270C
4,6-Dinitro-2-methylphenol	59	(30 - 120)	SW846 8270C
2,4-Dinitrophenol	37	(15 - 120)	SW846 8270C
2,4-Dinitrotoluene	81	(53 - 120)	SW846 8270C
2,6-Dinitrotoluene	77	(53 - 120)	SW846 8270C
Di-n-octyl phthalate	88	(54 - 120)	SW846 8270C
Fluoranthene	79	(55 - 120)	SW846 8270C
Fluorene	76	(55 - 120)	SW846 8270C
Hexachlorobenzene	81	(51 - 120)	SW846 8270C
Hexachlorocyclopentadiene	75	(35 - 120)	SW846 8270C
Hexachloroethane	68	(46 - 120)	SW846 8270C
Indeno(1,2,3-cd)pyrene	80	(54 - 120)	SW846 8270C
2-Methylnaphthalene	73	(55 - 120)	SW846 8270C
2-Methylphenol	71	(51 - 120)	SW846 8270C
Naphthalene	72	(50 - 120)	SW846 8270C
2-Nitroaniline	73	(50 - 120)	SW846 8270C
Benzyl alcohol	74	(52 - 120)	SW846 8270C
3-Nitroaniline	71	(35 - 120)	SW846 8270C
4-Nitroaniline	81	(44 - 120)	SW846 8270C
Nitrobenzene	68	(49 - 120)	SW846 8270C
2-Nitrophenol	77	(53 - 120)	SW846 8270C
4-Nitrophenol	72	(41 - 120)	SW846 8270C
N-Nitrosodiphenylamine	65	(55 - 120)	SW846 8270C
N-Nitrosodi-n-propylamine	69	(51 - 120)	SW846 8270C
Pentachlorophenol	58	(30 - 120)	SW846 8270C
Phenanthrene	80	(58 - 120)	SW846 8270C
Benzoic acid	42	(10 - 120)	SW846 8270C
Phenol	70	(54 - 120)	SW846 8270C
Pyrene	79	(50 - 120)	SW846 8270C
2,4,5-Trichlorophenol	79	(56 - 120)	SW846 8270C
2,4,6-Trichlorophenol	76	(50 - 120)	SW846 8270C
bis(2-Chloroisopropyl) ether	58	(47 - 120)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G200178 **Work Order #...:** J3D7N1AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7G230000-311

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
4-Methylphenol	**69**	**(53 - 120)**	**SW846 8270C**
Hexachlorobutadiene	**72**	**(48 - 120)**	**SW846 8270C**
Carbazole	**82**	**(54 - 120)**	**SW846 8270C**
Isophorone	**71**	**(46 - 120)**	**SW846 8270C**
Pyridine	**44**	**(23 - 120)**	**SW846 8270C**
3-Methylphenol & 4-Methylphenol	**69**	**(53 - 120)**	**SW846 8270C**
N-Nitrosodimethylamine	**60**	**(41 - 120)**	**SW846 8270C**
1,2-Dichlorobenzene	**72**	**(48 - 120)**	**SW846 8270C**
1,4-Dichlorobenzene	**69**	**(46 - 120)**	**SW846 8270C**
Aniline	**36**	**(17 - 120)**	**SW846 8270C**
1,2-Diphenylhydrazine (as Azobenzene)	**72**	**(54 - 120)**	**SW846 8270C**
1-Methylnaphthalene	**71**	**(52 - 120)**	**SW846 8270C**
1,4-Dioxane	**37**	**(21 - 120)**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	70	(53 - 120)
Phenol-d5	69	(52 - 120)
Nitrobenzene-d5	67	(50 - 120)
2-Fluorobiphenyl	77	(50 - 120)
2,4,6-Tribromophenol	81	(51 - 120)
Terphenyl-d14	82	(55 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G200178 Work Order #...: J3D7N1AC Matrix.....: SOLID
LCS Lot-Sample#: D7G230000-311
Prep Date.....: 07/23/07 Analysis Date..: 07/26/07
Prep Batch #...: 7204311 Analysis Time..: 09:24
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Acenaphthene	3140	2390	ug/kg	76	SW846 8270C
1,2,4-Trichloro-benzene	3140	2270	ug/kg	72	SW846 8270C
Acenaphthylene	3140	2460	ug/kg	78	SW846 8270C
1,3-Dichlorobenzene	3140	2150	ug/kg	68	SW846 8270C
Anthracene	3140	2550	ug/kg	81	SW846 8270C
Benzo(a)anthracene	3140	2410	ug/kg	77	SW846 8270C
Benzo(b)fluoranthene	3140	2530	ug/kg	80	SW846 8270C
Benzo(k)fluoranthene	3140	2480	ug/kg	79	SW846 8270C
Benzo(ghi)perylene	3140	2640	ug/kg	84	SW846 8270C
Benzo(a)pyrene	3140	2450	ug/kg	78	SW846 8270C
bis(2-Chloroethoxy) methane	3140	2190	ug/kg	69	SW846 8270C
bis(2-Chloroethyl)-ether	3140	2170	ug/kg	69	SW846 8270C
bis(2-Ethylhexyl) phthalate	3140	2810	ug/kg	89	SW846 8270C
4-Bromophenyl phenyl ether	3140	2500	ug/kg	80	SW846 8270C
Butyl benzyl phthalate	3140	2870	ug/kg	91	SW846 8270C
4-Chloroaniline	3140	1920	ug/kg	61	SW846 8270C
4-Chloro-3-methylphenol	3140	2290	ug/kg	73	SW846 8270C
2-Chloronaphthalene	3140	2460	ug/kg	78	SW846 8270C
2-Chlorophenol	3140	2260	ug/kg	72	SW846 8270C
4-Chlorophenyl phenyl ether	3140	2360	ug/kg	75	SW846 8270C
Chrysene	3140	2490	ug/kg	79	SW846 8270C
Dibenz(a,h)anthracene	3140	2600	ug/kg	83	SW846 8270C
Dibenzofuran	3140	2480	ug/kg	79	SW846 8270C
Di-n-butyl phthalate	3140	2670	ug/kg	85	SW846 8270C
3,3'-Dichlorobenzidine	3140	2120	ug/kg	67	SW846 8270C
2,4-Dichlorophenol	3140	2380	ug/kg	76	SW846 8270C
Diethyl phthalate	3140	2510	ug/kg	80	SW846 8270C
2,4-Dimethylphenol	3140	2160	ug/kg	69	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G200178 **Work Order #...:** J3D7N1AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7G230000-311

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Dimethyl phthalate	3140	2460	ug/kg	78	SW846 8270C
4,6-Dinitro-2-methylphenol	3140	1860	ug/kg	59	SW846 8270C
2,4-Dinitrophenol	3140	1160	ug/kg	37	SW846 8270C
2,4-Dinitrotoluene	3140	2560	ug/kg	81	SW846 8270C
2,6-Dinitrotoluene	3140	2410	ug/kg	77	SW846 8270C
Di-n-octyl phthalate	3140	2770	ug/kg	88	SW846 8270C
Fluoranthene	3140	2500	ug/kg	79	SW846 8270C
Fluorene	3140	2410	ug/kg	76	SW846 8270C
Hexachlorobenzene	3140	2560	ug/kg	81	SW846 8270C
Hexachlorocyclopentadiene	3140	2350	ug/kg	75	SW846 8270C
Hexachloroethane	3140	2120	ug/kg	68	SW846 8270C
Indeno(1,2,3-cd)pyrene	3140	2520	ug/kg	80	SW846 8270C
2-Methylnaphthalene	3140	2280	ug/kg	73	SW846 8270C
2-Methylphenol	3140	2220	ug/kg	71	SW846 8270C
Naphthalene	3140	2260	ug/kg	72	SW846 8270C
2-Nitroaniline	3140	2300	ug/kg	73	SW846 8270C
Benzyl alcohol	3140	2320	ug/kg	74	SW846 8270C
3-Nitroaniline	3140	2230	ug/kg	71	SW846 8270C
4-Nitroaniline	3140	2550	ug/kg	81	SW846 8270C
Nitrobenzene	3140	2140	ug/kg	68	SW846 8270C
2-Nitrophenol	3140	2430	ug/kg	77	SW846 8270C
4-Nitrophenol	3140	2260	ug/kg	72	SW846 8270C
N-Nitrosodiphenylamine	3140	2050	ug/kg	65	SW846 8270C
N-Nitrosodi-n-propylamine	3140	2180	ug/kg	69	SW846 8270C
Pentachlorophenol	3140	1830	ug/kg	58	SW846 8270C
Phenanthrene	3140	2510	ug/kg	80	SW846 8270C
Benzoic acid	3140	1310	ug/kg	42	SW846 8270C
Phenol	3140	2200	ug/kg	70	SW846 8270C
Pyrene	3140	2490	ug/kg	79	SW846 8270C
2,4,5-Trichlorophenol	3140	2480	ug/kg	79	SW846 8270C
2,4,6-Trichlorophenol	3140	2380	ug/kg	76	SW846 8270C
bis(2-Chloroisopropyl) ether	3140	1820	ug/kg	58	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G200178 **Work Order #...:** J3D7N1AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7G230000-311

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
4-Methylphenol	**3140**	**2170**	**ug/kg**	**69**	**SW846 8270C**
Hexachlorobutadiene	**3140**	**2270**	**ug/kg**	**72**	**SW846 8270C**
Carbazole	**3140**	**2560**	**ug/kg**	**82**	**SW846 8270C**
Isophorone	**3140**	**2230**	**ug/kg**	**71**	**SW846 8270C**
Pyridine	**3140**	**1400**	**ug/kg**	**44**	**SW846 8270C**
3-Methylphenol & 4-Methylphenol	**3140**	**2170**	**ug/kg**	**69**	**SW846 8270C**
N-Nitrosodimethylamine	**3140**	**1890**	**ug/kg**	**60**	**SW846 8270C**
1,2-Dichlorobenzene	**3140**	**2250**	**ug/kg**	**72**	**SW846 8270C**
1,4-Dichlorobenzene	**3140**	**2180**	**ug/kg**	**69**	**SW846 8270C**
Aniline	**3140**	**1120**	**ug/kg**	**36**	**SW846 8270C**
1,2-Diphenylhydrazine (as Azobenzene)	**3140**	**2280**	**ug/kg**	**72**	**SW846 8270C**
1-Methylnaphthalene	**3140**	**2250**	**ug/kg**	**71**	**SW846 8270C**
1,4-Dioxane	**3140**	**1180**	**ug/kg**	**37**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	70	(53 - 120)
Phenol-d5	69	(52 - 120)
Nitrobenzene-d5	67	(50 - 120)
2-Fluorobiphenyl	77	(50 - 120)
2,4,6-Tribromophenol	81	(51 - 120)
Terphenyl-d14	82	(55 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G200178 Work Order #...: J3QRM1AC Matrix.....: SOLID
LCS Lot-Sample#: D7G270000-424
Prep Date.....: 07/27/07 Analysis Date..: 08/01/07
Prep Batch #...: 7208424 Analysis Time..: 15:27
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Acenaphthene	70	(52 - 120)	SW846 8270C
1,2,4-Trichloro-benzene	63	(50 - 120)	SW846 8270C
Acenaphthylene	72	(53 - 120)	SW846 8270C
1,3-Dichlorobenzene	58	(46 - 120)	SW846 8270C
Anthracene	73	(57 - 120)	SW846 8270C
Benzo(a)anthracene	74	(55 - 120)	SW846 8270C
Benzo(b)fluoranthene	78	(52 - 120)	SW846 8270C
Benzo(k)fluoranthene	72	(54 - 120)	SW846 8270C
Benzo(ghi)perylene	75	(50 - 120)	SW846 8270C
Benzo(a)pyrene	73	(54 - 120)	SW846 8270C
bis(2-Chloroethoxy) methane	65	(49 - 120)	SW846 8270C
bis(2-Chloroethyl)-ether	58	(48 - 120)	SW846 8270C
bis(2-Ethylhexyl) phthalate	76	(51 - 120)	SW846 8270C
4-Bromophenyl phenyl ether	76	(53 - 120)	SW846 8270C
Butyl benzyl phthalate	76	(49 - 120)	SW846 8270C
4-Chloroaniline	54	(28 - 120)	SW846 8270C
4-Chloro-3-methylphenol	72	(57 - 120)	SW846 8270C
2-Chloronaphthalene	72	(53 - 120)	SW846 8270C
2-Chlorophenol	65	(53 - 120)	SW846 8270C
4-Chlorophenyl phenyl ether	74	(55 - 120)	SW846 8270C
Chrysene	73	(55 - 120)	SW846 8270C
Dibenz(a,h)anthracene	76	(55 - 120)	SW846 8270C
Dibenzofuran	73	(56 - 120)	SW846 8270C
Di-n-butyl phthalate	74	(57 - 120)	SW846 8270C
3,3'-Dichlorobenzidine	58	(34 - 120)	SW846 8270C
2,4-Dichlorophenol	70	(53 - 120)	SW846 8270C
Diethyl phthalate	73	(57 - 120)	SW846 8270C
2,4-Dimethylphenol	59	(53 - 120)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G200178 **Work Order #...:** J3QRM1AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7G270000-424

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Dimethyl phthalate	74	(57 - 120)	SW846 8270C
4,6-Dinitro-2-methylphenol	68	(30 - 120)	SW846 8270C
2,4-Dinitrophenol	66	(15 - 120)	SW846 8270C
2,4-Dinitrotoluene	75	(53 - 120)	SW846 8270C
2,6-Dinitrotoluene	69	(53 - 120)	SW846 8270C
Di-n-octyl phthalate	76	(54 - 120)	SW846 8270C
Fluoranthene	75	(55 - 120)	SW846 8270C
Fluorene	72	(55 - 120)	SW846 8270C
Hexachlorobenzene	77	(51 - 120)	SW846 8270C
Hexachlorocyclopentadiene	70	(35 - 120)	SW846 8270C
Hexachloroethane	59	(46 - 120)	SW846 8270C
Indeno(1,2,3-cd)pyrene	73	(54 - 120)	SW846 8270C
2-Methylnaphthalene	66	(55 - 120)	SW846 8270C
2-Methylphenol	66	(51 - 120)	SW846 8270C
Naphthalene	63	(50 - 120)	SW846 8270C
2-Nitroaniline	75	(50 - 120)	SW846 8270C
Benzyl alcohol	71	(52 - 120)	SW846 8270C
3-Nitroaniline	69	(35 - 120)	SW846 8270C
4-Nitroaniline	71	(44 - 120)	SW846 8270C
Nitrobenzene	64	(49 - 120)	SW846 8270C
2-Nitrophenol	66	(53 - 120)	SW846 8270C
4-Nitrophenol	74	(41 - 120)	SW846 8270C
N-Nitrosodiphenylamine	59	(55 - 120)	SW846 8270C
N-Nitrosodi-n-propylamine	67	(51 - 120)	SW846 8270C
Pentachlorophenol	71	(30 - 120)	SW846 8270C
Phenanthrene	72	(58 - 120)	SW846 8270C
Benzoic acid	70	(10 - 120)	SW846 8270C
Phenol	67	(54 - 120)	SW846 8270C
Pyrene	76	(50 - 120)	SW846 8270C
2,4,5-Trichlorophenol	76	(56 - 120)	SW846 8270C
2,4,6-Trichlorophenol	76	(50 - 120)	SW846 8270C
bis(2-Chloroisopropyl) ether	62	(47 - 120)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G200178 **Work Order #...:** J3QRM1AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7G270000-424

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
4-Methylphenol	**68**	**(53 - 120)**	**SW846 8270C**
Hexachlorobutadiene	**64**	**(48 - 120)**	**SW846 8270C**
Carbazole	**75**	**(54 - 120)**	**SW846 8270C**
Isophorone	**69**	**(46 - 120)**	**SW846 8270C**
Pyridine	**29**	**(23 - 120)**	**SW846 8270C**
3-Methylphenol & 4-Methylphenol	**68**	**(53 - 120)**	**SW846 8270C**
N-Nitrosodimethylamine	**57**	**(41 - 120)**	**SW846 8270C**
1,2-Dichlorobenzene	**61**	**(48 - 120)**	**SW846 8270C**
1,4-Dichlorobenzene	**58**	**(46 - 120)**	**SW846 8270C**
Aniline	**30**	**(17 - 120)**	**SW846 8270C**
1,2-Diphenylhydrazine (as Azobenzene)	**71**	**(54 - 120)**	**SW846 8270C**
1-Methylnaphthalene	**65**	**(52 - 120)**	**SW846 8270C**
1,4-Dioxane	**33**	**(21 - 120)**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	66	(53 - 120)
Phenol-d5	69	(52 - 120)
Nitrobenzene-d5	65	(50 - 120)
2-Fluorobiphenyl	74	(50 - 120)
2,4,6-Tribromophenol	82	(51 - 120)
Terphenyl-d14	81	(55 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G200178 **Work Order #...:** J3QRM1AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7G270000-424
Prep Date.....: 07/27/07 **Analysis Date..:** 08/01/07
Prep Batch #...: 7208424 **Analysis Time..:** 15:27
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Acenaphthene	3130	2210	ug/kg	70	SW846 8270C
1,2,4-Trichloro-benzene	3130	1970	ug/kg	63	SW846 8270C
Acenaphthylene	3130	2250	ug/kg	72	SW846 8270C
1,3-Dichlorobenzene	3130	1830	ug/kg	58	SW846 8270C
Anthracene	3130	2290	ug/kg	73	SW846 8270C
Benzo(a)anthracene	3130	2310	ug/kg	74	SW846 8270C
Benzo(b)fluoranthene	3130	2440	ug/kg	78	SW846 8270C
Benzo(k)fluoranthene	3130	2250	ug/kg	72	SW846 8270C
Benzo(ghi)perylene	3130	2360	ug/kg	75	SW846 8270C
Benzo(a)pyrene	3130	2290	ug/kg	73	SW846 8270C
bis(2-Chloroethoxy) methane	3130	2040	ug/kg	65	SW846 8270C
bis(2-Chloroethyl)-ether	3130	1810	ug/kg	58	SW846 8270C
bis(2-Ethylhexyl) phthalate	3130	2390	ug/kg	76	SW846 8270C
4-Bromophenyl phenyl ether	3130	2380	ug/kg	76	SW846 8270C
Butyl benzyl phthalate	3130	2380	ug/kg	76	SW846 8270C
4-Chloroaniline	3130	1700	ug/kg	54	SW846 8270C
4-Chloro-3-methylphenol	3130	2250	ug/kg	72	SW846 8270C
2-Chloronaphthalene	3130	2260	ug/kg	72	SW846 8270C
2-Chlorophenol	3130	2040	ug/kg	65	SW846 8270C
4-Chlorophenyl phenyl ether	3130	2310	ug/kg	74	SW846 8270C
Chrysene	3130	2300	ug/kg	73	SW846 8270C
Dibenz(a,h)anthracene	3130	2390	ug/kg	76	SW846 8270C
Dibenzofuran	3130	2280	ug/kg	73	SW846 8270C
Di-n-butyl phthalate	3130	2330	ug/kg	74	SW846 8270C
3,3'-Dichlorobenzidine	3130	1810	ug/kg	58	SW846 8270C
2,4-Dichlorophenol	3130	2210	ug/kg	70	SW846 8270C
Diethyl phthalate	3130	2300	ug/kg	73	SW846 8270C
2,4-Dimethylphenol	3130	1840	ug/kg	59	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G200178 **Work Order #...:** J3QRM1AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7G270000-424

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Dimethyl phthalate	3130	2320	ug/kg	74	SW846 8270C
4,6-Dinitro-2-methylphenol	3130	2130	ug/kg	68	SW846 8270C
2,4-Dinitrophenol	3130	2080	ug/kg	66	SW846 8270C
2,4-Dinitrotoluene	3130	2340	ug/kg	75	SW846 8270C
2,6-Dinitrotoluene	3130	2150	ug/kg	69	SW846 8270C
Di-n-octyl phthalate	3130	2370	ug/kg	76	SW846 8270C
Fluoranthene	3130	2340	ug/kg	75	SW846 8270C
Fluorene	3130	2250	ug/kg	72	SW846 8270C
Hexachlorobenzene	3130	2420	ug/kg	77	SW846 8270C
Hexachlorocyclopentadiene	3130	2210	ug/kg	70	SW846 8270C
Hexachloroethane	3130	1860	ug/kg	59	SW846 8270C
Indeno(1,2,3-cd)pyrene	3130	2300	ug/kg	73	SW846 8270C
2-Methylnaphthalene	3130	2080	ug/kg	66	SW846 8270C
2-Methylphenol	3130	2060	ug/kg	66	SW846 8270C
Naphthalene	3130	1970	ug/kg	63	SW846 8270C
2-Nitroaniline	3130	2350	ug/kg	75	SW846 8270C
Benzyl alcohol	3130	2220	ug/kg	71	SW846 8270C
3-Nitroaniline	3130	2160	ug/kg	69	SW846 8270C
4-Nitroaniline	3130	2220	ug/kg	71	SW846 8270C
Nitrobenzene	3130	2000	ug/kg	64	SW846 8270C
2-Nitrophenol	3130	2070	ug/kg	66	SW846 8270C
4-Nitrophenol	3130	2320	ug/kg	74	SW846 8270C
N-Nitrosodiphenylamine	3130	1860	ug/kg	59	SW846 8270C
N-Nitrosodi-n-propylamine	3130	2100	ug/kg	67	SW846 8270C
Pentachlorophenol	3130	2240	ug/kg	71	SW846 8270C
Phenanthrene	3130	2270	ug/kg	72	SW846 8270C
Benzoic acid	3130	2190	ug/kg	70	SW846 8270C
Phenol	3130	2090	ug/kg	67	SW846 8270C
Pyrene	3130	2390	ug/kg	76	SW846 8270C
2,4,5-Trichlorophenol	3130	2380	ug/kg	76	SW846 8270C
2,4,6-Trichlorophenol	3130	2370	ug/kg	76	SW846 8270C
bis(2-Chloroisopropyl) ether	3130	1940	ug/kg	62	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G200178 **Work Order #...:** J3QRM1AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7G270000-424

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
4-Methylphenol	**3130**	**2150**	**ug/kg**	**68**	**SW846 8270C**
Hexachlorobutadiene	**3130**	**2010**	**ug/kg**	**64**	**SW846 8270C**
Carbazole	**3130**	**2350**	**ug/kg**	**75**	**SW846 8270C**
Isophorone	**3130**	**2170**	**ug/kg**	**69**	**SW846 8270C**
Pyridine	**3130**	**920**	**ug/kg**	**29**	**SW846 8270C**
3-Methylphenol & 4-Methylphenol	**3130**	**2150**	**ug/kg**	**68**	**SW846 8270C**
N-Nitrosodimethylamine	**3130**	**1780**	**ug/kg**	**57**	**SW846 8270C**
1,2-Dichlorobenzene	**3130**	**1910**	**ug/kg**	**61**	**SW846 8270C**
1,4-Dichlorobenzene	**3130**	**1810**	**ug/kg**	**58**	**SW846 8270C**
Aniline	**3130**	**937**	**ug/kg**	**30**	**SW846 8270C**
1,2-Diphenylhydrazine (as Azobenzene)	**3130**	**2230**	**ug/kg**	**71**	**SW846 8270C**
1-Methylnaphthalene	**3130**	**2040**	**ug/kg**	**65**	**SW846 8270C**
1,4-Dioxane	**3130**	**1040**	**ug/kg**	**33**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	66	(53 - 120)
Phenol-d5	69	(52 - 120)
Nitrobenzene-d5	65	(50 - 120)
2-Fluorobiphenyl	74	(50 - 120)
2,4,6-Tribromophenol	82	(51 - 120)
Terphenyl-d14	81	(55 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G200178 **Work Order #...:** J29EF1CE-MS **Matrix.....:** WG
MS Lot-Sample #: D7G200178-005 J29EF1CF-MSD
Date Sampled...: 07/18/07 16:45 **Date Received..:** 07/20/07
Prep Date.....: 07/23/07 **Analysis Date..:** 07/31/07
Prep Batch #...: 7204177 **Analysis Time..:** 18:02
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acenaphthene	84	(53 - 120)			SW846 8270C
	82	(53 - 120)	2.0	(0-30)	SW846 8270C
1,2,4-Trichloro-benzene	62	(43 - 120)			SW846 8270C
	64	(43 - 120)	3.8	(0-42)	SW846 8270C
Acenaphthylene	84	(54 - 120)			SW846 8270C
	81	(54 - 120)	2.7	(0-30)	SW846 8270C
1,3-Dichlorobenzene	54	(38 - 120)			SW846 8270C
	59	(38 - 120)	9.9	(0-52)	SW846 8270C
Anthracene	88	(56 - 120)			SW846 8270C
	85	(56 - 120)	3.5	(0-30)	SW846 8270C
Benzo(a)anthracene	89	(54 - 120)			SW846 8270C
	89	(54 - 120)	0.05	(0-30)	SW846 8270C
Benzo(b)fluoranthene	92	(57 - 120)			SW846 8270C
	97	(57 - 120)	6.2	(0-38)	SW846 8270C
Benzo(k)fluoranthene	91	(52 - 120)			SW846 8270C
	83	(52 - 120)	8.8	(0-37)	SW846 8270C
Benzo(ghi)perylene	91	(53 - 120)			SW846 8270C
	89	(53 - 120)	2.7	(0-30)	SW846 8270C
Benzo(a)pyrene	85	(53 - 120)			SW846 8270C
	83	(53 - 120)	2.4	(0-30)	SW846 8270C
bis(2-Chloroethoxy) methane	87	(52 - 120)			SW846 8270C
	84	(52 - 120)	3.0	(0-30)	SW846 8270C
bis(2-Chloroethyl)-ether	79	(49 - 120)			SW846 8270C
	80	(49 - 120)	2.0	(0-34)	SW846 8270C
bis(2-Ethylhexyl) phthalate	105	(48 - 120)			SW846 8270C
	100	(48 - 120)	4.3	(0-30)	SW846 8270C
4-Bromophenyl phenyl ether	94	(52 - 120)			SW846 8270C
	94	(52 - 120)	0.19	(0-31)	SW846 8270C
Butyl benzyl phthalate	95	(55 - 120)			SW846 8270C
	94	(55 - 120)	0.91	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G200178 **Work Order #...:** J29EF1CE-MS **Matrix.....:** WG
MS Lot-Sample #: D7G200178-005 J29EF1CF-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
4-Chloroaniline	59	(52 - 120)			SW846 8270C
	55	(52 - 120)	6.2	(0-54)	SW846 8270C
4-Chloro-3-methylphenol	95	(63 - 120)			SW846 8270C
	85	(63 - 120)	10	(0-30)	SW846 8270C
2-Chloronaphthalene	82	(47 - 120)			SW846 8270C
	83	(47 - 120)	1.6	(0-30)	SW846 8270C
2-Chlorophenol	83	(57 - 120)			SW846 8270C
	81	(57 - 120)	3.3	(0-30)	SW846 8270C
4-Chlorophenyl phenyl ether	92	(56 - 120)			SW846 8270C
	86	(56 - 120)	6.5	(0-30)	SW846 8270C
Chrysene	88	(56 - 120)			SW846 8270C
	89	(56 - 120)	1.7	(0-30)	SW846 8270C
Dibenz(a,h)anthracene	91	(54 - 120)			SW846 8270C
	89	(54 - 120)	1.9	(0-30)	SW846 8270C
Dibenzofuran	90	(58 - 120)			SW846 8270C
	85	(58 - 120)	4.9	(0-30)	SW846 8270C
Di-n-butyl phthalate	97	(52 - 120)			SW846 8270C
	93	(52 - 120)	4.4	(0-30)	SW846 8270C
3,3'-Dichlorobenzidine	8.4 a	(29 - 120)			SW846 8270C
	6.0 a,p	(29 - 120)	34	(0-30)	SW846 8270C
2,4-Dichlorophenol	91	(59 - 120)			SW846 8270C
	87	(59 - 120)	3.6	(0-30)	SW846 8270C
Diethyl phthalate	97	(61 - 120)			SW846 8270C
	90	(61 - 120)	7.7	(0-30)	SW846 8270C
2,4-Dimethylphenol	52	(41 - 120)			SW846 8270C
	49	(41 - 120)	4.8	(0-30)	SW846 8270C
Dimethyl phthalate	96	(61 - 120)			SW846 8270C
	91	(61 - 120)	5.4	(0-30)	SW846 8270C
4,6-Dinitro-2-methylphenol	95	(37 - 126)			SW846 8270C
	82	(37 - 126)	14	(0-37)	SW846 8270C
2,4-Dinitrophenol	99	(30 - 136)			SW846 8270C
	83	(30 - 136)	17	(0-49)	SW846 8270C
2,4-Dinitrotoluene	102	(51 - 120)			SW846 8270C
	93	(51 - 120)	9.3	(0-32)	SW846 8270C
2,6-Dinitrotoluene	93	(42 - 125)			SW846 8270C
	87	(42 - 125)	6.8	(0-30)	SW846 8270C
Di-n-octyl phthalate	99	(47 - 120)			SW846 8270C
	99	(47 - 120)	0.47	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G200178 **Work Order #...:** J29EF1CE-MS **Matrix.....:** WG
MS Lot-Sample #: D7G200178-005 J29EF1CF-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Fluoranthene	96	(49 - 120)			SW846 8270C
	91	(49 - 120)	4.7	(0-34)	SW846 8270C
Fluorene	90	(57 - 120)			SW846 8270C
	84	(57 - 120)	6.6	(0-30)	SW846 8270C
Hexachlorobenzene	94	(53 - 120)			SW846 8270C
	94	(53 - 120)	0.64	(0-30)	SW846 8270C
Hexachlorocyclopenta-diene	4.6 a	(10 - 120)			SW846 8270C
	7.2 a	(10 - 120)	43	(0-72)	SW846 8270C
Hexachloroethane	51	(36 - 120)			SW846 8270C
	57	(36 - 120)	12	(0-57)	SW846 8270C
Indeno(1,2,3-cd)pyrene	87	(56 - 120)			SW846 8270C
	85	(56 - 120)	2.7	(0-30)	SW846 8270C
2-Methylnaphthalene	73	(54 - 120)			SW846 8270C
	72	(54 - 120)	2.0	(0-32)	SW846 8270C
2-Methylphenol	83	(50 - 120)			SW846 8270C
	80	(50 - 120)	4.2	(0-30)	SW846 8270C
Naphthalene	64	(46 - 120)			SW846 8270C
	66	(46 - 120)	3.0	(0-34)	SW846 8270C
2-Nitroaniline	69	(44 - 120)			SW846 8270C
	61	(44 - 120)	12	(0-30)	SW846 8270C
Benzyl alcohol	98	(55 - 120)			SW846 8270C
	93	(55 - 120)	4.1	(0-30)	SW846 8270C
3-Nitroaniline	43 a	(49 - 120)			SW846 8270C
	34 a	(49 - 120)	23	(0-35)	SW846 8270C
4-Nitroaniline	14 a	(39 - 120)			SW846 8270C
	9.0 a,p	(39 - 120)	44	(0-34)	SW846 8270C
Nitrobenzene	166 a	(41 - 120)			SW846 8270C
	166 a	(41 - 120)	0.11	(0-30)	SW846 8270C
2-Nitrophenol	92	(51 - 120)			SW846 8270C
	88	(51 - 120)	3.7	(0-30)	SW846 8270C
4-Nitrophenol	104	(49 - 124)			SW846 8270C
	91	(49 - 124)	12	(0-35)	SW846 8270C
N-Nitrosodiphenylamine	65	(58 - 120)			SW846 8270C
	56 a	(58 - 120)	15	(0-37)	SW846 8270C
N-Nitrosodi-n-propyl-amine	90	(46 - 120)			SW846 8270C
	88	(46 - 120)	2.4	(0-30)	SW846 8270C
Pentachlorophenol	100	(52 - 120)			SW846 8270C
	92	(52 - 120)	7.9	(0-33)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G200178 **Work Order #...:** J29EF1CE-MS **Matrix.....:** WG
MS Lot-Sample #: D7G200178-005 J29EF1CF-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Phenanthrene	90	(57 - 120)			SW846 8270C
	90	(57 - 120)	0.03	(0-30)	SW846 8270C
Benzoic acid	120	(16 - 120)			SW846 8270C
	110	(16 - 120)	9.2	(0-72)	SW846 8270C
Phenol	92	(52 - 120)			SW846 8270C
	88	(52 - 120)	3.7	(0-42)	SW846 8270C
Pyrene	88	(56 - 120)			SW846 8270C
	90	(56 - 120)	2.8	(0-30)	SW846 8270C
2,4,5-Trichloro-phenol	98	(60 - 120)			SW846 8270C
	95	(60 - 120)	2.6	(0-30)	SW846 8270C
2,4,6-Trichloro-phenol	96	(52 - 120)			SW846 8270C
	94	(52 - 120)	1.7	(0-30)	SW846 8270C
bis(2-Chloroisopropyl) ether	80	(37 - 120)			SW846 8270C
	79	(37 - 120)	0.79	(0-30)	SW846 8270C
4-Methylphenol	85	(54 - 120)			SW846 8270C
	81	(54 - 120)	4.1	(0-30)	SW846 8270C
Hexachlorobutadiene	59	(40 - 120)			SW846 8270C
	62	(40 - 120)	5.5	(0-47)	SW846 8270C
Carbazole	91	(48 - 120)			SW846 8270C
	91	(48 - 120)	0.49	(0-30)	SW846 8270C
Isophorone	95	(51 - 120)			SW846 8270C
	92	(51 - 120)	3.0	(0-30)	SW846 8270C
Pyridine	66	(24 - 120)			SW846 8270C
	67	(24 - 120)	2.0	(0-38)	SW846 8270C
3-Methylphenol & 4-Methylphenol	85	(54 - 120)			SW846 8270C
	81	(54 - 120)	4.1	(0-30)	SW846 8270C
N-Nitrosodimethylamine	76	(44 - 120)			SW846 8270C
	76	(44 - 120)	0.41	(0-43)	SW846 8270C
1,2-Dichlorobenzene	85	(40 - 120)			SW846 8270C
	90	(40 - 120)	5.9	(0-49)	SW846 8270C
1,4-Dichlorobenzene	53	(38 - 120)			SW846 8270C
	59	(38 - 120)	11	(0-52)	SW846 8270C
Aniline	32	(10 - 120)			SW846 8270C
	31	(10 - 120)	2.1	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G200178 **Work Order #...:** J29EF1CE-MS J29EF1CF-MSD **Matrix.....:** WG
MS Lot-Sample #: D7G200178-005

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2-Diphenylhydrazine (as Azobenzene)	**92**	**(55 - 120)**			**SW846 8270C**
	88	**(55 - 120)**	**4.7**	**(0-30)**	**SW846 8270C**
1-Methylnaphthalene	**74**	**(52 - 120)**			**SW846 8270C**
	72	**(52 - 120)**	**2.1**	**(0-30)**	**SW846 8270C**
1,4-Dioxane	**66**	**(43 - 120)**			**SW846 8270C**
	65	**(43 - 120)**	**1.2**	**(0-39)**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	74	(51 - 120)
	74	(51 - 120)
Phenol-d5	85	(51 - 120)
	83	(51 - 120)
Nitrobenzene-d5	84	(48 - 120)
	81	(48 - 120)
2-Fluorobiphenyl	75	(49 - 120)
	80	(49 - 120)
2,4,6-Tribromophenol	98	(57 - 120)
	95	(57 - 120)
Terphenyl-d14	88	(61 - 120)
	90	(61 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

p Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G200178 **Work Order #...:** J29EF1CE-MS **Matrix.....:** WG
MS Lot-Sample #: D7G200178-005 J29EF1CF-MSD
Date Sampled...: 07/18/07 16:45 **Date Received..:** 07/20/07
Prep Date.....: 07/23/07 **Analysis Date..:** 07/31/07
Prep Batch #...: 7204177 **Analysis Time..:** 18:02
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Acenaphthene	ND	96.0	80.9	ug/L	84		SW846 8270C
	ND	96.2	79.3	ug/L	82	2.0	SW846 8270C
1,2,4-Trichloro-benzene	ND	96.0	59.2	ug/L	62		SW846 8270C
	ND	96.2	61.5	ug/L	64	3.8	SW846 8270C
Acenaphthylene	ND	96.0	80.4	ug/L	84		SW846 8270C
	ND	96.2	78.3	ug/L	81	2.7	SW846 8270C
1,3-Dichlorobenzene	ND	96.0	51.6	ug/L	54		SW846 8270C
	ND	96.2	56.9	ug/L	59	9.9	SW846 8270C
Anthracene	ND	96.0	84.3	ug/L	88		SW846 8270C
	ND	96.2	81.4	ug/L	85	3.5	SW846 8270C
Benzo(a)anthracene	ND	96.0	85.1	ug/L	89		SW846 8270C
	ND	96.2	85.1	ug/L	89	0.05	SW846 8270C
Benzo(b)fluoranthene	ND	96.0	87.9	ug/L	92		SW846 8270C
	ND	96.2	93.5	ug/L	97	6.2	SW846 8270C
Benzo(k)fluoranthene	ND	96.0	86.9	ug/L	91		SW846 8270C
	ND	96.2	79.5	ug/L	83	8.8	SW846 8270C
Benzo(ghi)perylene	ND	96.0	87.6	ug/L	91		SW846 8270C
	ND	96.2	85.2	ug/L	89	2.7	SW846 8270C
Benzo(a)pyrene	ND	96.0	82.0	ug/L	85		SW846 8270C
	ND	96.2	80.1	ug/L	83	2.4	SW846 8270C
bis(2-Chloroethoxy) methane	ND	96.0	83.4	ug/L	87		SW846 8270C
	ND	96.2	81.0	ug/L	84	3.0	SW846 8270C
bis(2-Chloroethyl)-ether	ND	96.0	75.5	ug/L	79		SW846 8270C
	ND	96.2	77.0	ug/L	80	2.0	SW846 8270C
bis(2-Ethylhexyl) phthalate	1.3	96.0	102	ug/L	105		SW846 8270C
	1.3	96.2	97.8	ug/L	100	4.3	SW846 8270C
4-Bromophenyl phenyl ether	ND	96.0	89.8	ug/L	94		SW846 8270C
	ND	96.2	90.0	ug/L	94	0.19	SW846 8270C
Butyl benzyl phthalate	ND	96.0	90.9	ug/L	95		SW846 8270C
	ND	96.2	90.0	ug/L	94	0.91	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G200178 **Work Order #...:** J29EF1CE-MS **Matrix.....:** WG
MS Lot-Sample #: D7G200178-005 J29EF1CF-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
4-Chloroaniline	ND	96.0	56.4	ug/L	59		SW846 8270C
	ND	96.2	53.0	ug/L	55	6.2	SW846 8270C
4-Chloro-3-methylphenol	ND	96.0	91.1	ug/L	95		SW846 8270C
	ND	96.2	82.1	ug/L	85	10	SW846 8270C
2-Chloronaphthalene	ND	96.0	78.3	ug/L	82		SW846 8270C
	ND	96.2	79.5	ug/L	83	1.6	SW846 8270C
2-Chlorophenol	ND	96.0	80.1	ug/L	83		SW846 8270C
	ND	96.2	77.5	ug/L	81	3.3	SW846 8270C
4-Chlorophenyl phenyl ether	ND	96.0	87.9	ug/L	92		SW846 8270C
	ND	96.2	82.4	ug/L	86	6.5	SW846 8270C
Chrysene	ND	96.0	84.1	ug/L	88		SW846 8270C
	ND	96.2	85.6	ug/L	89	1.7	SW846 8270C
Dibenz(a,h)anthracene	ND	96.0	87.7	ug/L	91		SW846 8270C
	ND	96.2	86.0	ug/L	89	1.9	SW846 8270C
Dibenzofuran	ND	96.0	86.1	ug/L	90		SW846 8270C
	ND	96.2	82.0	ug/L	85	4.9	SW846 8270C
Di-n-butyl phthalate	ND	96.0	93.4	ug/L	97		SW846 8270C
	ND	96.2	89.4	ug/L	93	4.4	SW846 8270C
3,3'-Dichlorobenzidine	ND	96.0	8.10	ug/L	8.4 a		SW846 8270C
	ND	96.2	5.73	ug/L	6.0	34	SW846 8270C
	Qualifiers:	a,p					
2,4-Dichlorophenol	ND	96.0	87.1	ug/L	91		SW846 8270C
	ND	96.2	84.0	ug/L	87	3.6	SW846 8270C
Diethyl phthalate	ND	96.0	93.5	ug/L	97		SW846 8270C
	ND	96.2	86.6	ug/L	90	7.7	SW846 8270C
2,4-Dimethylphenol	ND	96.0	49.5	ug/L	52		SW846 8270C
	ND	96.2	47.2	ug/L	49	4.8	SW846 8270C
Dimethyl phthalate	ND	96.0	92.4	ug/L	96		SW846 8270C
	ND	96.2	87.5	ug/L	91	5.4	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	96.0	91.4	ug/L	95		SW846 8270C
	ND	96.2	79.2	ug/L	82	14	SW846 8270C
2,4-Dinitrophenol	ND	96.0	95.2	ug/L	99		SW846 8270C
	ND	96.2	80.1	ug/L	83	17	SW846 8270C
2,4-Dinitrotoluene	ND	96.0	97.7	ug/L	102		SW846 8270C
	ND	96.2	89.0	ug/L	93	9.3	SW846 8270C
2,6-Dinitrotoluene	ND	96.0	89.1	ug/L	93		SW846 8270C
	ND	96.2	83.3	ug/L	87	6.8	SW846 8270C
Di-n-octyl phthalate	ND	96.0	95.4	ug/L	99		SW846 8270C
	ND	96.2	95.0	ug/L	99	0.47	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G200178 **Work Order #...:** J29EF1CE-MS **Matrix.....:** WG
MS Lot-Sample #: D7G200178-005 J29EF1CF-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Fluoranthene	ND	96.0	91.8	ug/L	96		SW846 8270C
	ND	96.2	87.6	ug/L	91	4.7	SW846 8270C
Fluorene	ND	96.0	86.2	ug/L	90		SW846 8270C
	ND	96.2	80.7	ug/L	84	6.6	SW846 8270C
Hexachlorobenzene	ND	96.0	90.0	ug/L	94		SW846 8270C
	ND	96.2	90.6	ug/L	94	0.64	SW846 8270C
Hexachlorocyclopenta-diene	ND	96.0	4.46	ug/L	4.6 a		SW846 8270C
	ND	96.2	6.89	ug/L	7.2 a	43	SW846 8270C
Hexachloroethane	ND	96.0	48.8	ug/L	51		SW846 8270C
	ND	96.2	54.8	ug/L	57	12	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	96.0	83.7	ug/L	87		SW846 8270C
	ND	96.2	81.5	ug/L	85	2.7	SW846 8270C
2-Methylnaphthalene	ND	96.0	70.4	ug/L	73		SW846 8270C
	ND	96.2	69.0	ug/L	72	2.0	SW846 8270C
2-Methylphenol	ND	96.0	79.7	ug/L	83		SW846 8270C
	ND	96.2	76.5	ug/L	80	4.2	SW846 8270C
Naphthalene	ND	96.0	61.9	ug/L	64		SW846 8270C
	ND	96.2	63.8	ug/L	66	3.0	SW846 8270C
2-Nitroaniline	ND	96.0	66.4	ug/L	69		SW846 8270C
	ND	96.2	59.1	ug/L	61	12	SW846 8270C
Benzyl alcohol	ND	96.0	93.7	ug/L	98		SW846 8270C
	ND	96.2	89.9	ug/L	93	4.1	SW846 8270C
3-Nitroaniline	ND	96.0	41.4	ug/L	43 a		SW846 8270C
	ND	96.2	32.8	ug/L	34 a	23	SW846 8270C
4-Nitroaniline	ND	96.0	13.6	ug/L	14 a		SW846 8270C
	ND	96.2	8.63	ug/L	9.0	44	SW846 8270C
	Qualifiers:	a,p					
Nitrobenzene	ND	96.0	159	ug/L	166 a		SW846 8270C
	ND	96.2	159	ug/L	166 a	0.11	SW846 8270C
2-Nitrophenol	ND	96.0	88.0	ug/L	92		SW846 8270C
	ND	96.2	84.8	ug/L	88	3.7	SW846 8270C
4-Nitrophenol	ND	96.0	99.6	ug/L	104		SW846 8270C
	ND	96.2	88.0	ug/L	91	12	SW846 8270C
N-Nitrosodiphenylamine	ND	96.0	62.7	ug/L	65		SW846 8270C
	ND	96.2	54.1	ug/L	56 a	15	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	96.0	86.3	ug/L	90		SW846 8270C
	ND	96.2	84.2	ug/L	88	2.4	SW846 8270C
Pentachlorophenol	ND	96.0	95.9	ug/L	100		SW846 8270C
	ND	96.2	88.6	ug/L	92	7.9	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G200178 **Work Order #...:** J29EF1CE-MS **Matrix.....:** WG
MS Lot-Sample #: D7G200178-005 J29EF1CF-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Phenanthrene	ND	96.0	86.1	ug/L	90		SW846 8270C
	ND	96.2	86.1	ug/L	90	0.03	SW846 8270C
Benzoic acid	ND	96.0	116	ug/L	120		SW846 8270C
	ND	96.2	105	ug/L	110	9.2	SW846 8270C
Phenol	ND	96.0	88.2	ug/L	92		SW846 8270C
	ND	96.2	85.0	ug/L	88	3.7	SW846 8270C
Pyrene	ND	96.0	84.5	ug/L	88		SW846 8270C
	ND	96.2	86.9	ug/L	90	2.8	SW846 8270C
2,4,5-Trichloro-phenol	ND	96.0	93.7	ug/L	98		SW846 8270C
	ND	96.2	91.4	ug/L	95	2.6	SW846 8270C
2,4,6-Trichloro-phenol	ND	96.0	92.2	ug/L	96		SW846 8270C
	ND	96.2	90.6	ug/L	94	1.7	SW846 8270C
bis(2-Chloroisopropyl) ether	ND	96.0	76.3	ug/L	80		SW846 8270C
	ND	96.2	75.7	ug/L	79	0.79	SW846 8270C
4-Methylphenol	ND	96.0	81.5	ug/L	85		SW846 8270C
	ND	96.2	78.2	ug/L	81	4.1	SW846 8270C
Hexachlorobutadiene	ND	96.0	56.5	ug/L	59		SW846 8270C
	ND	96.2	59.7	ug/L	62	5.5	SW846 8270C
Carbazole	ND	96.0	87.0	ug/L	91		SW846 8270C
	ND	96.2	87.5	ug/L	91	0.49	SW846 8270C
Isophorone	ND	96.0	90.8	ug/L	95		SW846 8270C
	ND	96.2	88.2	ug/L	92	3.0	SW846 8270C
Pyridine	ND	96.0	63.3	ug/L	66		SW846 8270C
	ND	96.2	64.6	ug/L	67	2.0	SW846 8270C
3-Methylphenol & 4-Methylphenol	ND	96.0	81.5	ug/L	85		SW846 8270C
	ND	96.2	78.2	ug/L	81	4.1	SW846 8270C
N-Nitrosodimethylamine	ND	96.0	72.9	ug/L	76		SW846 8270C
	ND	96.2	73.2	ug/L	76	0.41	SW846 8270C
1,2-Dichlorobenzene	ND	96.0	81.2	ug/L	85		SW846 8270C
	ND	96.2	86.1	ug/L	90	5.9	SW846 8270C
1,4-Dichlorobenzene	ND	96.0	51.0	ug/L	53		SW846 8270C
	ND	96.2	56.7	ug/L	59	11	SW846 8270C
Aniline	ND	96.0	30.3	ug/L	32		SW846 8270C
	ND	96.2	29.6	ug/L	31	2.1	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G200178 **Work Order #...:** J29EF1CE-MS **Matrix.....:** WG
MS Lot-Sample #: D7G200178-005 J29EF1CF-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,2-Diphenylhydrazine (as Azobenzene)	**ND**	**96.0**	**88.7**	**ug/L**	**92**		**SW846 8270C**
	ND	**96.2**	**84.6**	**ug/L**	**88**	**4.7**	**SW846 8270C**
1-Methylnaphthalene	**ND**	**96.0**	**70.6**	**ug/L**	**74**		**SW846 8270C**
	ND	**96.2**	**69.1**	**ug/L**	**72**	**2.1**	**SW846 8270C**
1,4-Dioxane	**ND**	**96.0**	**63.7**	**ug/L**	**66**		**SW846 8270C**
	ND	**96.2**	**63.0**	**ug/L**	**65**	**1.2**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	74	(51 - 120)
	74	(51 - 120)
Phenol-d5	85	(51 - 120)
	83	(51 - 120)
Nitrobenzene-d5	84	(48 - 120)
	81	(48 - 120)
2-Fluorobiphenyl	75	(49 - 120)
	80	(49 - 120)
2,4,6-Tribromophenol	98	(57 - 120)
	95	(57 - 120)
Terphenyl-d14	88	(61 - 120)
	90	(61 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

p Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G200178 **Work Order #...:** J29DP1DR-MS **Matrix.....:** SO
MS Lot-Sample #: D7G200178-001 J29DP1DT-MSD
Date Sampled...: 07/18/07 13:50 **Date Received..:** 07/20/07
Prep Date.....: 07/23/07 **Analysis Date..:** 07/26/07
Prep Batch #...: 7204311 **Analysis Time..:** 10:27
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acenaphthene	66	(52 - 120)			SW846 8270C
	69	(52 - 120)	3.6	(0-30)	SW846 8270C
1,2,4-Trichloro-benzene	57	(50 - 120)			SW846 8270C
	61	(50 - 120)	6.7	(0-30)	SW846 8270C
Acenaphthylene	65	(53 - 120)			SW846 8270C
	68	(53 - 120)	3.7	(0-30)	SW846 8270C
1,3-Dichlorobenzene	54	(46 - 120)			SW846 8270C
	58	(46 - 120)	6.6	(0-32)	SW846 8270C
Anthracene	75	(57 - 120)			SW846 8270C
	75	(57 - 120)	0.64	(0-30)	SW846 8270C
Benzo(a)anthracene	72	(55 - 120)			SW846 8270C
	71	(55 - 120)	1.6	(0-30)	SW846 8270C
Benzo(b)fluoranthene	71	(52 - 120)			SW846 8270C
	72	(52 - 120)	2.2	(0-44)	SW846 8270C
Benzo(k)fluoranthene	76	(54 - 120)			SW846 8270C
	74	(54 - 120)	2.2	(0-30)	SW846 8270C
Benzo(ghi)perylene	74	(50 - 120)			SW846 8270C
	77	(50 - 120)	4.1	(0-31)	SW846 8270C
Benzo(a)pyrene	72	(54 - 120)			SW846 8270C
	73	(54 - 120)	0.82	(0-30)	SW846 8270C
bis(2-Chloroethoxy) methane	57	(49 - 120)			SW846 8270C
	61	(49 - 120)	7.1	(0-30)	SW846 8270C
bis(2-Chloroethyl)-ether	55	(48 - 120)			SW846 8270C
	58	(48 - 120)	5.1	(0-30)	SW846 8270C
bis(2-Ethylhexyl) phthalate	81	(51 - 120)			SW846 8270C
	84	(51 - 120)	3.6	(0-30)	SW846 8270C
4-Bromophenyl phenyl ether	72	(53 - 120)			SW846 8270C
	74	(53 - 120)	2.6	(0-30)	SW846 8270C
Butyl benzyl phthalate	84	(49 - 120)			SW846 8270C
	86	(49 - 120)	3.4	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G200178 **Work Order #...:** J29DP1DR-MS **Matrix.....:** SO
MS Lot-Sample #: D7G200178-001 J29DP1DT-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
4-Chloroaniline	55	(28 - 120)			SW846 8270C
	58	(28 - 120)	4.6	(0-30)	SW846 8270C
4-Chloro-3-methylphenol	67	(57 - 120)			SW846 8270C
	68	(57 - 120)	0.60	(0-30)	SW846 8270C
2-Chloronaphthalene	65	(53 - 120)			SW846 8270C
	68	(53 - 120)	4.9	(0-30)	SW846 8270C
2-Chlorophenol	61	(53 - 120)			SW846 8270C
	63	(53 - 120)	4.0	(0-30)	SW846 8270C
4-Chlorophenyl phenyl ether	69	(55 - 120)			SW846 8270C
	70	(55 - 120)	0.71	(0-30)	SW846 8270C
Chrysene	71	(55 - 120)			SW846 8270C
	75	(55 - 120)	4.7	(0-35)	SW846 8270C
Dibenz(a,h)anthracene	74	(55 - 120)			SW846 8270C
	76	(55 - 120)	3.4	(0-30)	SW846 8270C
Dibenzofuran	67	(56 - 120)			SW846 8270C
	69	(56 - 120)	4.0	(0-30)	SW846 8270C
Di-n-butyl phthalate	79	(57 - 120)			SW846 8270C
	79	(57 - 120)	0.30	(0-30)	SW846 8270C
3,3'-Dichlorobenzidine	67	(34 - 120)			SW846 8270C
	68	(34 - 120)	1.9	(0-30)	SW846 8270C
2,4-Dichlorophenol	64	(53 - 120)			SW846 8270C
	68	(53 - 120)	6.0	(0-30)	SW846 8270C
Diethyl phthalate	75	(57 - 120)			SW846 8270C
	74	(57 - 120)	0.18	(0-30)	SW846 8270C
2,4-Dimethylphenol	60	(53 - 120)			SW846 8270C
	64	(53 - 120)	5.8	(0-30)	SW846 8270C
Dimethyl phthalate	72	(57 - 120)			SW846 8270C
	73	(57 - 120)	0.47	(0-30)	SW846 8270C
4,6-Dinitro-2-methylphenol	61	(30 - 120)			SW846 8270C
	57	(30 - 120)	7.7	(0-30)	SW846 8270C
2,4-Dinitrophenol	38	(15 - 120)			SW846 8270C
	32	(15 - 120)	16	(0-34)	SW846 8270C
2,4-Dinitrotoluene	77	(53 - 120)			SW846 8270C
	78	(53 - 120)	2.0	(0-30)	SW846 8270C
2,6-Dinitrotoluene	71	(53 - 120)			SW846 8270C
	72	(53 - 120)	2.0	(0-30)	SW846 8270C
Di-n-octyl phthalate	82	(54 - 120)			SW846 8270C
	83	(54 - 120)	0.72	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G200178 **Work Order #...:** J29DP1DR-MS **Matrix.....:** SO
MS Lot-Sample #: D7G200178-001 J29DP1DT-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Fluoranthene	74	(55 - 120)			SW846 8270C
	73	(55 - 120)	1.4	(0-30)	SW846 8270C
Fluorene	68	(55 - 120)			SW846 8270C
	70	(55 - 120)	3.1	(0-30)	SW846 8270C
Hexachlorobenzene	74	(51 - 120)			SW846 8270C
	76	(51 - 120)	3.3	(0-30)	SW846 8270C
Hexachlorocyclopentadiene	57	(35 - 120)			SW846 8270C
	62	(35 - 120)	8.4	(0-30)	SW846 8270C
Hexachloroethane	54	(46 - 120)			SW846 8270C
	57	(46 - 120)	7.0	(0-30)	SW846 8270C
Indeno(1,2,3-cd)pyrene	71	(54 - 120)			SW846 8270C
	73	(54 - 120)	2.9	(0-30)	SW846 8270C
2-Methylnaphthalene	60	(55 - 120)			SW846 8270C
	63	(55 - 120)	5.0	(0-30)	SW846 8270C
2-Methylphenol	60	(51 - 120)			SW846 8270C
	63	(51 - 120)	4.6	(0-30)	SW846 8270C
Naphthalene	58	(50 - 120)			SW846 8270C
	61	(50 - 120)	5.3	(0-30)	SW846 8270C
2-Nitroaniline	67	(50 - 120)			SW846 8270C
	69	(50 - 120)	2.8	(0-30)	SW846 8270C
Benzyl alcohol	61	(52 - 120)			SW846 8270C
	64	(52 - 120)	5.5	(0-30)	SW846 8270C
3-Nitroaniline	69	(35 - 120)			SW846 8270C
	70	(35 - 120)	1.2	(0-30)	SW846 8270C
4-Nitroaniline	77	(44 - 120)			SW846 8270C
	75	(44 - 120)	2.0	(0-30)	SW846 8270C
Nitrobenzene	56	(49 - 120)			SW846 8270C
	59	(49 - 120)	5.1	(0-30)	SW846 8270C
2-Nitrophenol	62	(53 - 120)			SW846 8270C
	68	(53 - 120)	8.8	(0-30)	SW846 8270C
4-Nitrophenol	68	(41 - 120)			SW846 8270C
	66	(41 - 120)	2.9	(0-30)	SW846 8270C
N-Nitrosodiphenylamine	60	(55 - 120)			SW846 8270C
	61	(55 - 120)	1.4	(0-36)	SW846 8270C
N-Nitrosodi-n-propylamine	58	(51 - 120)			SW846 8270C
	62	(51 - 120)	6.5	(0-30)	SW846 8270C
Pentachlorophenol	59	(30 - 120)			SW846 8270C
	60	(30 - 120)	1.6	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G200178 **Work Order #...:** J29DP1DR-MS **Matrix.....:** SO
MS Lot-Sample #: D7G200178-001 J29DP1DT-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Phenanthrene	71	(58 - 120)			SW846 8270C
	73	(58 - 120)	1.5	(0-30)	SW846 8270C
Benzoic acid	33	(10 - 120)			SW846 8270C
	17 p	(10 - 120)	68	(0-32)	SW846 8270C
Phenol	58	(54 - 120)			SW846 8270C
	62	(54 - 120)	7.5	(0-30)	SW846 8270C
Pyrene	72	(50 - 120)			SW846 8270C
	75	(50 - 120)	2.9	(0-38)	SW846 8270C
2,4,5-Trichloro-phenol	72	(56 - 120)			SW846 8270C
	74	(56 - 120)	3.2	(0-30)	SW846 8270C
2,4,6-Trichloro-phenol	68	(50 - 120)			SW846 8270C
	70	(50 - 120)	2.5	(0-30)	SW846 8270C
bis(2-Chloroisopropyl) ether	47	(47 - 120)			SW846 8270C
	50	(47 - 120)	6.4	(0-30)	SW846 8270C
4-Methylphenol	59	(53 - 120)			SW846 8270C
	62	(53 - 120)	5.0	(0-30)	SW846 8270C
Hexachlorobutadiene	57	(48 - 120)			SW846 8270C
	60	(48 - 120)	5.5	(0-30)	SW846 8270C
Carbazole	75	(54 - 120)			SW846 8270C
	79	(54 - 120)	5.0	(0-30)	SW846 8270C
Isophorone	59	(46 - 120)			SW846 8270C
	63	(46 - 120)	6.5	(0-30)	SW846 8270C
Pyridine	38	(23 - 120)			SW846 8270C
	41	(23 - 120)	8.4	(0-30)	SW846 8270C
3-Methylphenol & 4-Methylphenol	59	(53 - 120)			SW846 8270C
	62	(53 - 120)	5.0	(0-30)	SW846 8270C
N-Nitrosodimethylamine	48	(41 - 120)			SW846 8270C
	51	(41 - 120)	6.5	(0-30)	SW846 8270C
1,2-Dichlorobenzene	59	(48 - 120)			SW846 8270C
	62	(48 - 120)	5.1	(0-30)	SW846 8270C
1,4-Dichlorobenzene	55	(46 - 120)			SW846 8270C
	57	(46 - 120)	4.2	(0-30)	SW846 8270C
Aniline	32	(17 - 120)			SW846 8270C
	34	(17 - 120)	8.2	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G200178 **Work Order #...:** J29DP1DR-MS **Matrix.....:** SO
MS Lot-Sample #: D7G200178-001 J29DP1DT-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2-Diphenylhydrazine (as Azobenzene)	**67**	**(54 - 120)**			**SW846 8270C**
	68	**(54 - 120)**	**1.8**	**(0-30)**	**SW846 8270C**
1-Methylnaphthalene	**59**	**(52 - 120)**			**SW846 8270C**
	63	**(52 - 120)**	**5.4**	**(0-30)**	**SW846 8270C**
1,4-Dioxane	**27**	**(21 - 120)**			**SW846 8270C**
	30	**(21 - 120)**	**11**	**(0-30)**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	58	(53 - 120)
	61	(53 - 120)
Phenol-d5	58	(52 - 120)
	62	(52 - 120)
Nitrobenzene-d5	55	(50 - 120)
	59	(50 - 120)
2-Fluorobiphenyl	65	(50 - 120)
	67	(50 - 120)
2,4,6-Tribromophenol	77	(51 - 120)
	76	(51 - 120)
Terphenyl-d14	74	(55 - 120)
	79	(55 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

p Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G200178 **Work Order #...:** J29DP1DR-MS **Matrix.....:** SO
MS Lot-Sample #: D7G200178-001 J29DP1DT-MSD
Date Sampled...: 07/18/07 13:50 **Date Received..:** 07/20/07
Prep Date.....: 07/23/07 **Analysis Date..:** 07/26/07
Prep Batch #...: 7204311 **Analysis Time..:** 10:27
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Acenaphthene	ND	3870	2570	ug/kg	66		SW846 8270C
	ND	3870	2670	ug/kg	69	3.6	SW846 8270C
1,2,4-Trichloro-benzene	ND	3870	2220	ug/kg	57		SW846 8270C
	ND	3870	2370	ug/kg	61	6.7	SW846 8270C
Acenaphthylene	ND	3870	2520	ug/kg	65		SW846 8270C
	ND	3870	2620	ug/kg	68	3.7	SW846 8270C
1,3-Dichlorobenzene	ND	3870	2090	ug/kg	54		SW846 8270C
	ND	3870	2230	ug/kg	58	6.6	SW846 8270C
Anthracene	ND	3870	2880	ug/kg	75		SW846 8270C
	ND	3870	2900	ug/kg	75	0.64	SW846 8270C
Benzo(a)anthracene	ND	3870	2780	ug/kg	72		SW846 8270C
	ND	3870	2740	ug/kg	71	1.6	SW846 8270C
Benzo(b)fluoranthene	ND	3870	2730	ug/kg	71		SW846 8270C
	ND	3870	2800	ug/kg	72	2.2	SW846 8270C
Benzo(k)fluoranthene	ND	3870	2940	ug/kg	76		SW846 8270C
	ND	3870	2880	ug/kg	74	2.2	SW846 8270C
Benzo(ghi)perylene	ND	3870	2850	ug/kg	74		SW846 8270C
	ND	3870	2970	ug/kg	77	4.1	SW846 8270C
Benzo(a)pyrene	ND	3870	2790	ug/kg	72		SW846 8270C
	ND	3870	2810	ug/kg	73	0.82	SW846 8270C
bis(2-Chloroethoxy) methane	ND	3870	2190	ug/kg	57		SW846 8270C
	ND	3870	2360	ug/kg	61	7.1	SW846 8270C
bis(2-Chloroethyl)-ether	ND	3870	2140	ug/kg	55		SW846 8270C
	ND	3870	2260	ug/kg	58	5.1	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	3870	3120	ug/kg	81		SW846 8270C
	ND	3870	3240	ug/kg	84	3.6	SW846 8270C
4-Bromophenyl phenyl ether	ND	3870	2790	ug/kg	72		SW846 8270C
	ND	3870	2860	ug/kg	74	2.6	SW846 8270C
Butyl benzyl phthalate	ND	3870	3230	ug/kg	84		SW846 8270C
	ND	3870	3340	ug/kg	86	3.4	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G200178 **Work Order #...:** J29DP1DR-MS **Matrix.....:** SO
MS Lot-Sample #: D7G200178-001 J29DP1DT-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
4-Chloroaniline	ND	3870	2150	ug/kg	55		SW846 8270C
	ND	3870	2250	ug/kg	58	4.6	SW846 8270C
4-Chloro-3-methylphenol	ND	3870	2610	ug/kg	67		SW846 8270C
	ND	3870	2620	ug/kg	68	0.60	SW846 8270C
2-Chloronaphthalene	ND	3870	2510	ug/kg	65		SW846 8270C
	ND	3870	2640	ug/kg	68	4.9	SW846 8270C
2-Chlorophenol	ND	3870	2350	ug/kg	61		SW846 8270C
	ND	3870	2440	ug/kg	63	4.0	SW846 8270C
4-Chlorophenyl phenyl ether	ND	3870	2680	ug/kg	69		SW846 8270C
	ND	3870	2700	ug/kg	70	0.71	SW846 8270C
Chrysene	ND	3870	2760	ug/kg	71		SW846 8270C
	ND	3870	2890	ug/kg	75	4.7	SW846 8270C
Dibenz(a,h)anthracene	ND	3870	2850	ug/kg	74		SW846 8270C
	ND	3870	2950	ug/kg	76	3.4	SW846 8270C
Dibenzofuran	ND	3870	2570	ug/kg	67		SW846 8270C
	ND	3870	2680	ug/kg	69	4.0	SW846 8270C
Di-n-butyl phthalate	ND	3870	3060	ug/kg	79		SW846 8270C
	ND	3870	3070	ug/kg	79	0.30	SW846 8270C
3,3'-Dichlorobenzidine	ND	3870	2590	ug/kg	67		SW846 8270C
	ND	3870	2640	ug/kg	68	1.9	SW846 8270C
2,4-Dichlorophenol	ND	3870	2490	ug/kg	64		SW846 8270C
	ND	3870	2640	ug/kg	68	6.0	SW846 8270C
Diethyl phthalate	ND	3870	2880	ug/kg	75		SW846 8270C
	ND	3870	2880	ug/kg	74	0.18	SW846 8270C
2,4-Dimethylphenol	ND	3870	2320	ug/kg	60		SW846 8270C
	ND	3870	2460	ug/kg	64	5.8	SW846 8270C
Dimethyl phthalate	ND	3870	2790	ug/kg	72		SW846 8270C
	ND	3870	2810	ug/kg	73	0.47	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	3870	2360	ug/kg	61		SW846 8270C
	ND	3870	2190	ug/kg	57	7.7	SW846 8270C
2,4-Dinitrophenol	ND	3870	1460	ug/kg	38		SW846 8270C
	ND	3870	1240	ug/kg	32	16	SW846 8270C
2,4-Dinitrotoluene	ND	3870	2960	ug/kg	77		SW846 8270C
	ND	3870	3020	ug/kg	78	2.0	SW846 8270C
2,6-Dinitrotoluene	ND	3870	2730	ug/kg	71		SW846 8270C
	ND	3870	2790	ug/kg	72	2.0	SW846 8270C
Di-n-octyl phthalate	ND	3870	3170	ug/kg	82		SW846 8270C
	ND	3870	3190	ug/kg	83	0.72	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G200178 **Work Order #...:** J29DP1DR-MS **Matrix.....:** SO
MS Lot-Sample #: D7G200178-001 J29DP1DT-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Fluoranthene	ND	3870	2850	ug/kg	74		SW846 8270C
	ND	3870	2810	ug/kg	73	1.4	SW846 8270C
Fluorene	ND	3870	2630	ug/kg	68		SW846 8270C
	ND	3870	2720	ug/kg	70	3.1	SW846 8270C
Hexachlorobenzene	ND	3870	2840	ug/kg	74		SW846 8270C
	ND	3870	2940	ug/kg	76	3.3	SW846 8270C
Hexachlorocyclopenta-diene	ND	3870	2220	ug/kg	57		SW846 8270C
	ND	3870	2410	ug/kg	62	8.4	SW846 8270C
Hexachloroethane	ND	3870	2070	ug/kg	54		SW846 8270C
	ND	3870	2220	ug/kg	57	7.0	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	3870	2750	ug/kg	71		SW846 8270C
	ND	3870	2830	ug/kg	73	2.9	SW846 8270C
2-Methylnaphthalene	ND	3870	2330	ug/kg	60		SW846 8270C
	ND	3870	2450	ug/kg	63	5.0	SW846 8270C
2-Methylphenol	ND	3870	2330	ug/kg	60		SW846 8270C
	ND	3870	2440	ug/kg	63	4.6	SW846 8270C
Naphthalene	ND	3870	2220	ug/kg	58		SW846 8270C
	ND	3870	2350	ug/kg	61	5.3	SW846 8270C
2-Nitroaniline	ND	3870	2610	ug/kg	67		SW846 8270C
	ND	3870	2680	ug/kg	69	2.8	SW846 8270C
Benzyl alcohol	ND	3870	2340	ug/kg	61		SW846 8270C
	ND	3870	2480	ug/kg	64	5.5	SW846 8270C
3-Nitroaniline	ND	3870	2680	ug/kg	69		SW846 8270C
	ND	3870	2710	ug/kg	70	1.2	SW846 8270C
4-Nitroaniline	ND	3870	2960	ug/kg	77		SW846 8270C
	ND	3870	2910	ug/kg	75	2.0	SW846 8270C
Nitrobenzene	ND	3870	2170	ug/kg	56		SW846 8270C
	ND	3870	2290	ug/kg	59	5.1	SW846 8270C
2-Nitrophenol	ND	3870	2410	ug/kg	62		SW846 8270C
	ND	3870	2630	ug/kg	68	8.8	SW846 8270C
4-Nitrophenol	ND	3870	2640	ug/kg	68		SW846 8270C
	ND	3870	2560	ug/kg	66	2.9	SW846 8270C
N-Nitrosodiphenylamine	ND	3870	2340	ug/kg	60		SW846 8270C
	ND	3870	2370	ug/kg	61	1.4	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	3870	2230	ug/kg	58		SW846 8270C
	ND	3870	2380	ug/kg	62	6.5	SW846 8270C
Pentachlorophenol	ND	3870	2300	ug/kg	59		SW846 8270C
	ND	3870	2330	ug/kg	60	1.6	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G200178 **Work Order #...:** J29DP1DR-MS **Matrix.....:** SO
MS Lot-Sample #: D7G200178-001 J29DP1DT-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Phenanthrene	ND	3870	2760	ug/kg	71		SW846 8270C
	ND	3870	2810	ug/kg	73	1.5	SW846 8270C
Benzoic acid	ND	3870	1290	ug/kg	33		SW846 8270C
	ND	3870	638	ug/kg	17 p	68	SW846 8270C
Phenol	ND	3870	2230	ug/kg	58		SW846 8270C
	ND	3870	2410	ug/kg	62	7.5	SW846 8270C
Pyrene	ND	3870	2800	ug/kg	72		SW846 8270C
	ND	3870	2880	ug/kg	75	2.9	SW846 8270C
2,4,5-Trichloro-phenol	ND	3870	2780	ug/kg	72		SW846 8270C
	ND	3870	2870	ug/kg	74	3.2	SW846 8270C
2,4,6-Trichloro-phenol	ND	3870	2630	ug/kg	68		SW846 8270C
	ND	3870	2690	ug/kg	70	2.5	SW846 8270C
bis(2-Chloroisopropyl) ether	ND	3870	1830	ug/kg	47		SW846 8270C
	ND	3870	1950	ug/kg	50	6.4	SW846 8270C
4-Methylphenol	ND	3870	2280	ug/kg	59		SW846 8270C
	ND	3870	2400	ug/kg	62	5.0	SW846 8270C
Hexachlorobutadiene	ND	3870	2210	ug/kg	57		SW846 8270C
	ND	3870	2340	ug/kg	60	5.5	SW846 8270C
Carbazole	ND	3870	2890	ug/kg	75		SW846 8270C
	ND	3870	3040	ug/kg	79	5.0	SW846 8270C
Isophorone	ND	3870	2290	ug/kg	59		SW846 8270C
	ND	3870	2440	ug/kg	63	6.5	SW846 8270C
Pyridine	ND	3870	1460	ug/kg	38		SW846 8270C
	ND	3870	1580	ug/kg	41	8.4	SW846 8270C
3-Methylphenol & 4-Methylphenol	ND	3870	2280	ug/kg	59		SW846 8270C
	ND	3870	2400	ug/kg	62	5.0	SW846 8270C
N-Nitrosodimethylamine	ND	3870	1860	ug/kg	48		SW846 8270C
	ND	3870	1990	ug/kg	51	6.5	SW846 8270C
1,2-Dichlorobenzene	ND	3870	2270	ug/kg	59		SW846 8270C
	ND	3870	2390	ug/kg	62	5.1	SW846 8270C
1,4-Dichlorobenzene	ND	3870	2120	ug/kg	55		SW846 8270C
	ND	3870	2210	ug/kg	57	4.2	SW846 8270C
Aniline	ND	3870	1230	ug/kg	32		SW846 8270C
	ND	3870	1330	ug/kg	34	8.2	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G200178 **Work Order #...:** J29DP1DR-MS **Matrix.....:** SO
MS Lot-Sample #: D7G200178-001 J29DP1DT-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,2-Diphenylhydrazine (as Azobenzene)	**ND**	**3870**	**2590**	**ug/kg**	**67**		**SW846 8270C**
	ND	**3870**	**2640**	**ug/kg**	**68**	**1.8**	**SW846 8270C**
1-Methylnaphthalene	**ND**	**3870**	**2290**	**ug/kg**	**59**		**SW846 8270C**
	ND	**3870**	**2420**	**ug/kg**	**63**	**5.4**	**SW846 8270C**
1,4-Dioxane	**ND**	**3870**	**1040**	**ug/kg**	**27**		**SW846 8270C**
	ND	**3870**	**1150**	**ug/kg**	**30**	**11**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	58	(53 - 120)
	61	(53 - 120)
Phenol-d5	58	(52 - 120)
	62	(52 - 120)
Nitrobenzene-d5	55	(50 - 120)
	59	(50 - 120)
2-Fluorobiphenyl	65	(50 - 120)
	67	(50 - 120)
2,4,6-Tribromophenol	77	(51 - 120)
	76	(51 - 120)
Terphenyl-d14	74	(55 - 120)
	79	(55 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

p Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G200178 **Work Order #...:** J29EE1CA-MS **Matrix.....:** SO
MS Lot-Sample #: D7G200178-004 J29EE1CC-MSD
Date Sampled...: 07/18/07 16:00 **Date Received..:** 07/20/07
Prep Date.....: 07/27/07 **Analysis Date..:** 08/01/07
Prep Batch #...: 7208424 **Analysis Time..:** 16:08
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acenaphthene	69	(52 - 120)			SW846 8270C
	72	(52 - 120)	4.2	(0-30)	SW846 8270C
1,2,4-Trichloro-benzene	60	(50 - 120)			SW846 8270C
	62	(50 - 120)	3.1	(0-30)	SW846 8270C
Acenaphthylene	71	(53 - 120)			SW846 8270C
	73	(53 - 120)	3.5	(0-30)	SW846 8270C
1,3-Dichlorobenzene	53	(46 - 120)			SW846 8270C
	54	(46 - 120)	0.98	(0-32)	SW846 8270C
Anthracene	75	(57 - 120)			SW846 8270C
	78	(57 - 120)	3.2	(0-30)	SW846 8270C
Benzo(a)anthracene	75	(55 - 120)			SW846 8270C
	77	(55 - 120)	3.3	(0-30)	SW846 8270C
Benzo(b)fluoranthene	82	(52 - 120)			SW846 8270C
	77	(52 - 120)	6.1	(0-44)	SW846 8270C
Benzo(k)fluoranthene	70	(54 - 120)			SW846 8270C
	79	(54 - 120)	12	(0-30)	SW846 8270C
Benzo(ghi)perylene	78	(50 - 120)			SW846 8270C
	80	(50 - 120)	2.3	(0-31)	SW846 8270C
Benzo(a)pyrene	74	(54 - 120)			SW846 8270C
	77	(54 - 120)	4.0	(0-30)	SW846 8270C
bis(2-Chloroethoxy) methane	65	(49 - 120)			SW846 8270C
	65	(49 - 120)	0.0	(0-30)	SW846 8270C
bis(2-Chloroethyl)-ether	58	(48 - 120)			SW846 8270C
	59	(48 - 120)	1.7	(0-30)	SW846 8270C
bis(2-Ethylhexyl) phthalate	77	(51 - 120)			SW846 8270C
	81	(51 - 120)	4.9	(0-30)	SW846 8270C
4-Bromophenyl phenyl ether	76	(53 - 120)			SW846 8270C
	80	(53 - 120)	5.9	(0-30)	SW846 8270C
Butyl benzyl phthalate	76	(49 - 120)			SW846 8270C
	80	(49 - 120)	5.5	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G200178 **Work Order #...:** J29EE1CA-MS **Matrix.....:** SO
MS Lot-Sample #: D7G200178-004 J29EE1CC-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
4-Chloroaniline	60	(28 - 120)			SW846 8270C
	55	(28 - 120)	8.8	(0-30)	SW846 8270C
4-Chloro-3-methylphenol	77	(57 - 120)			SW846 8270C
	74	(57 - 120)	3.1	(0-30)	SW846 8270C
2-Chloronaphthalene	69	(53 - 120)			SW846 8270C
	73	(53 - 120)	5.3	(0-30)	SW846 8270C
2-Chlorophenol	64	(53 - 120)			SW846 8270C
	62	(53 - 120)	1.7	(0-30)	SW846 8270C
4-Chlorophenyl phenyl ether	75	(55 - 120)			SW846 8270C
	76	(55 - 120)	2.0	(0-30)	SW846 8270C
Chrysene	75	(55 - 120)			SW846 8270C
	78	(55 - 120)	4.7	(0-35)	SW846 8270C
Dibenz(a,h)anthracene	79	(55 - 120)			SW846 8270C
	81	(55 - 120)	2.2	(0-30)	SW846 8270C
Dibenzofuran	73	(56 - 120)			SW846 8270C
	75	(56 - 120)	2.8	(0-30)	SW846 8270C
Di-n-butyl phthalate	79	(57 - 120)			SW846 8270C
	80	(57 - 120)	0.15	(0-30)	SW846 8270C
3,3'-Dichlorobenzidine	69	(34 - 120)			SW846 8270C
	66	(34 - 120)	4.6	(0-30)	SW846 8270C
2,4-Dichlorophenol	73	(53 - 120)			SW846 8270C
	72	(53 - 120)	1.9	(0-30)	SW846 8270C
Diethyl phthalate	77	(57 - 120)			SW846 8270C
	77	(57 - 120)	0.57	(0-30)	SW846 8270C
2,4-Dimethylphenol	68	(53 - 120)			SW846 8270C
	63	(53 - 120)	7.0	(0-30)	SW846 8270C
Dimethyl phthalate	77	(57 - 120)			SW846 8270C
	77	(57 - 120)	0.90	(0-30)	SW846 8270C
4,6-Dinitro-2-methylphenol	66	(30 - 120)			SW846 8270C
	70	(30 - 120)	5.1	(0-30)	SW846 8270C
2,4-Dinitrophenol	51	(15 - 120)			SW846 8270C
	63	(15 - 120)	21	(0-34)	SW846 8270C
2,4-Dinitrotoluene	80	(53 - 120)			SW846 8270C
	79	(53 - 120)	1.1	(0-30)	SW846 8270C
2,6-Dinitrotoluene	72	(53 - 120)			SW846 8270C
	71	(53 - 120)	1.5	(0-30)	SW846 8270C
Di-n-octyl phthalate	79	(54 - 120)			SW846 8270C
	80	(54 - 120)	1.8	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G200178 **Work Order #...:** J29EE1CA-MS **Matrix.....:** SO
MS Lot-Sample #: D7G200178-004 J29EE1CC-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Fluoranthene	82	(55 - 120)			SW846 8270C
	80	(55 - 120)	2.9	(0-30)	SW846 8270C
Fluorene	73	(55 - 120)			SW846 8270C
	75	(55 - 120)	2.4	(0-30)	SW846 8270C
Hexachlorobenzene	77	(51 - 120)			SW846 8270C
	81	(51 - 120)	4.0	(0-30)	SW846 8270C
Hexachlorocyclopenta-diene	65	(35 - 120)			SW846 8270C
	72	(35 - 120)	10	(0-30)	SW846 8270C
Hexachloroethane	54	(46 - 120)			SW846 8270C
	54	(46 - 120)	1.1	(0-30)	SW846 8270C
Indeno(1,2,3-cd)pyrene	76	(54 - 120)			SW846 8270C
	78	(54 - 120)	3.2	(0-30)	SW846 8270C
2-Methylnaphthalene	67	(55 - 120)			SW846 8270C
	66	(55 - 120)	0.42	(0-30)	SW846 8270C
2-Methylphenol	67	(51 - 120)			SW846 8270C
	65	(51 - 120)	2.5	(0-30)	SW846 8270C
Naphthalene	61	(50 - 120)			SW846 8270C
	61	(50 - 120)	1.3	(0-30)	SW846 8270C
2-Nitroaniline	77	(50 - 120)			SW846 8270C
	78	(50 - 120)	0.15	(0-30)	SW846 8270C
Benzyl alcohol	72	(52 - 120)			SW846 8270C
	71	(52 - 120)	0.71	(0-30)	SW846 8270C
3-Nitroaniline	75	(35 - 120)			SW846 8270C
	71	(35 - 120)	5.2	(0-30)	SW846 8270C
4-Nitroaniline	80	(44 - 120)			SW846 8270C
	75	(44 - 120)	6.1	(0-30)	SW846 8270C
Nitrobenzene	62	(49 - 120)			SW846 8270C
	62	(49 - 120)	0.75	(0-30)	SW846 8270C
2-Nitrophenol	66	(53 - 120)			SW846 8270C
	66	(53 - 120)	0.06	(0-30)	SW846 8270C
4-Nitrophenol	80	(41 - 120)			SW846 8270C
	77	(41 - 120)	4.2	(0-30)	SW846 8270C
N-Nitrosodiphenylamine	62	(55 - 120)			SW846 8270C
	62	(55 - 120)	0.47	(0-36)	SW846 8270C
N-Nitrosodi-n-propyl-amine	67	(51 - 120)			SW846 8270C
	66	(51 - 120)	0.85	(0-30)	SW846 8270C
Pentachlorophenol	74	(30 - 120)			SW846 8270C
	72	(30 - 120)	1.8	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G200178 **Work Order #...:** J29EE1CA-MS **Matrix.....:** SO
MS Lot-Sample #: D7G200178-004 J29EE1CC-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Phenanthrene	74	(58 - 120)			SW846 8270C
	77	(58 - 120)	4.5	(0-30)	SW846 8270C
Benzoic acid	56	(10 - 120)			SW846 8270C
	61	(10 - 120)	8.8	(0-32)	SW846 8270C
Phenol	68	(54 - 120)			SW846 8270C
	64	(54 - 120)	5.2	(0-30)	SW846 8270C
Pyrene	73	(50 - 120)			SW846 8270C
	80	(50 - 120)	9.2	(0-38)	SW846 8270C
2,4,5-Trichloro-phenol	77	(56 - 120)			SW846 8270C
	78	(56 - 120)	1.8	(0-30)	SW846 8270C
2,4,6-Trichloro-phenol	74	(50 - 120)			SW846 8270C
	77	(50 - 120)	5.0	(0-30)	SW846 8270C
bis(2-Chloroisopropyl) ether	59	(47 - 120)			SW846 8270C
	59	(47 - 120)	0.93	(0-30)	SW846 8270C
4-Methylphenol	71	(53 - 120)			SW846 8270C
	68	(53 - 120)	3.6	(0-30)	SW846 8270C
Hexachlorobutadiene	61	(48 - 120)			SW846 8270C
	63	(48 - 120)	3.0	(0-30)	SW846 8270C
Carbazole	79	(54 - 120)			SW846 8270C
	80	(54 - 120)	1.4	(0-30)	SW846 8270C
Isophorone	69	(46 - 120)			SW846 8270C
	69	(46 - 120)	0.16	(0-30)	SW846 8270C
Pyridine	42	(23 - 120)			SW846 8270C
	43	(23 - 120)	2.4	(0-30)	SW846 8270C
3-Methylphenol & 4-Methylphenol	71	(53 - 120)			SW846 8270C
	68	(53 - 120)	3.6	(0-30)	SW846 8270C
N-Nitrosodimethylamine	53	(41 - 120)			SW846 8270C
	50	(41 - 120)	5.5	(0-30)	SW846 8270C
1,2-Dichlorobenzene	56	(48 - 120)			SW846 8270C
	56	(48 - 120)	0.30	(0-30)	SW846 8270C
1,4-Dichlorobenzene	53	(46 - 120)			SW846 8270C
	53	(46 - 120)	0.83	(0-30)	SW846 8270C
Aniline	33	(17 - 120)			SW846 8270C
	30	(17 - 120)	7.3	(0-30)	SW846 8270C

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G200178 **Work Order #...:** J29EE1CA-MS **Matrix.....:** SO
MS Lot-Sample #: D7G200178-004 J29EE1CC-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2-Diphenylhydrazine (as Azobenzene)	**73**	**(54 - 120)**			**SW846 8270C**
	74	**(54 - 120)**	**1.6**	**(0-30)**	**SW846 8270C**
1-Methylnaphthalene	**66**	**(52 - 120)**			**SW846 8270C**
	66	**(52 - 120)**	**1.2**	**(0-30)**	**SW846 8270C**
1,4-Dioxane	**27**	**(21 - 120)**			**SW846 8270C**
	30	**(21 - 120)**	**8.9**	**(0-30)**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	64	(53 - 120)
	63	(53 - 120)
Phenol-d5	70	(52 - 120)
	67	(52 - 120)
Nitrobenzene-d5	64	(50 - 120)
	63	(50 - 120)
2-Fluorobiphenyl	70	(50 - 120)
	74	(50 - 120)
2,4,6-Tribromophenol	82	(51 - 120)
	85	(51 - 120)
Terphenyl-d14	79	(55 - 120)
	85	(55 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G200178 **Work Order #...:** J29EE1CA-MS **Matrix.....:** SO
MS Lot-Sample #: D7G200178-004 J29EE1CC-MSD
Date Sampled...: 07/18/07 16:00 **Date Received..:** 07/20/07
Prep Date.....: 07/27/07 **Analysis Date..:** 08/01/07
Prep Batch #...: 7208424 **Analysis Time..:** 16:08
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Acenaphthene	ND	4180	2890	ug/kg	69		SW846 8270C
	ND	4180	3020	ug/kg	72	4.2	SW846 8270C
1,2,4-Trichloro-benzene	ND	4180	2510	ug/kg	60		SW846 8270C
	ND	4180	2590	ug/kg	62	3.1	SW846 8270C
Acenaphthylene	ND	4180	2950	ug/kg	71		SW846 8270C
	ND	4180	3050	ug/kg	73	3.5	SW846 8270C
1,3-Dichlorobenzene	ND	4180	2220	ug/kg	53		SW846 8270C
	ND	4180	2250	ug/kg	54	0.98	SW846 8270C
Anthracene	ND	4180	3150	ug/kg	75		SW846 8270C
	ND	4180	3250	ug/kg	78	3.2	SW846 8270C
Benzo(a)anthracene	ND	4180	3120	ug/kg	75		SW846 8270C
	ND	4180	3230	ug/kg	77	3.3	SW846 8270C
Benzo(b)fluoranthene	ND	4180	3420	ug/kg	82		SW846 8270C
	ND	4180	3210	ug/kg	77	6.1	SW846 8270C
Benzo(k)fluoranthene	ND	4180	2930	ug/kg	70		SW846 8270C
	ND	4180	3310	ug/kg	79	12	SW846 8270C
Benzo(ghi)perylene	ND	4180	3270	ug/kg	78		SW846 8270C
	ND	4180	3340	ug/kg	80	2.3	SW846 8270C
Benzo(a)pyrene	ND	4180	3100	ug/kg	74		SW846 8270C
	ND	4180	3230	ug/kg	77	4.0	SW846 8270C
bis(2-Chloroethoxy) methane	ND	4180	2710	ug/kg	65		SW846 8270C
	ND	4180	2710	ug/kg	65	0.0	SW846 8270C
bis(2-Chloroethyl)-ether	ND	4180	2420	ug/kg	58		SW846 8270C
	ND	4180	2460	ug/kg	59	1.7	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	4180	3210	ug/kg	77		SW846 8270C
	ND	4180	3370	ug/kg	81	4.9	SW846 8270C
4-Bromophenyl phenyl ether	ND	4180	3150	ug/kg	76		SW846 8270C
	ND	4180	3350	ug/kg	80	5.9	SW846 8270C
Butyl benzyl phthalate	ND	4180	3180	ug/kg	76		SW846 8270C
	ND	4180	3360	ug/kg	80	5.5	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G200178 **Work Order #...:** J29EE1CA-MS **Matrix.....:** SO
MS Lot-Sample #: D7G200178-004 J29EE1CC-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
4-Chloroaniline	ND	4180	2520	ug/kg	60		SW846 8270C
	ND	4180	2310	ug/kg	55	8.8	SW846 8270C
4-Chloro-3-methylphenol	ND	4180	3200	ug/kg	77		SW846 8270C
	ND	4180	3110	ug/kg	74	3.1	SW846 8270C
2-Chloronaphthalene	ND	4180	2880	ug/kg	69		SW846 8270C
	ND	4180	3030	ug/kg	73	5.3	SW846 8270C
2-Chlorophenol	ND	4180	2650	ug/kg	64		SW846 8270C
	ND	4180	2610	ug/kg	62	1.7	SW846 8270C
4-Chlorophenyl phenyl ether	ND	4180	3120	ug/kg	75		SW846 8270C
	ND	4180	3180	ug/kg	76	2.0	SW846 8270C
Chrysene	ND	4180	3120	ug/kg	75		SW846 8270C
	ND	4180	3270	ug/kg	78	4.7	SW846 8270C
Dibenz(a,h)anthracene	ND	4180	3300	ug/kg	79		SW846 8270C
	ND	4180	3370	ug/kg	81	2.2	SW846 8270C
Dibenzofuran	ND	4180	3030	ug/kg	73		SW846 8270C
	ND	4180	3110	ug/kg	75	2.8	SW846 8270C
Di-n-butyl phthalate	ND	4180	3320	ug/kg	79		SW846 8270C
	ND	4180	3320	ug/kg	80	0.15	SW846 8270C
3,3'-Dichlorobenzidine	ND	4180	2870	ug/kg	69		SW846 8270C
	ND	4180	2740	ug/kg	66	4.6	SW846 8270C
2,4-Dichlorophenol	ND	4180	3050	ug/kg	73		SW846 8270C
	ND	4180	2990	ug/kg	72	1.9	SW846 8270C
Diethyl phthalate	ND	4180	3220	ug/kg	77		SW846 8270C
	ND	4180	3200	ug/kg	77	0.57	SW846 8270C
2,4-Dimethylphenol	ND	4180	2820	ug/kg	68		SW846 8270C
	ND	4180	2630	ug/kg	63	7.0	SW846 8270C
Dimethyl phthalate	ND	4180	3190	ug/kg	77		SW846 8270C
	ND	4180	3220	ug/kg	77	0.90	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	4180	2770	ug/kg	66		SW846 8270C
	ND	4180	2920	ug/kg	70	5.1	SW846 8270C
2,4-Dinitrophenol	ND	4180	2140	ug/kg	51		SW846 8270C
	ND	4180	2640	ug/kg	63	21	SW846 8270C
2,4-Dinitrotoluene	ND	4180	3350	ug/kg	80		SW846 8270C
	ND	4180	3310	ug/kg	79	1.1	SW846 8270C
2,6-Dinitrotoluene	ND	4180	3020	ug/kg	72		SW846 8270C
	ND	4180	2980	ug/kg	71	1.5	SW846 8270C
Di-n-octyl phthalate	ND	4180	3290	ug/kg	79		SW846 8270C
	ND	4180	3350	ug/kg	80	1.8	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G200178 **Work Order #...:** J29EE1CA-MS **Matrix.....:** SO
MS Lot-Sample #: D7G200178-004 J29EE1CC-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Fluoranthene	ND	4180	3420	ug/kg	82		SW846 8270C
	ND	4180	3320	ug/kg	80	2.9	SW846 8270C
Fluorene	ND	4180	3040	ug/kg	73		SW846 8270C
	ND	4180	3120	ug/kg	75	2.4	SW846 8270C
Hexachlorobenzene	ND	4180	3230	ug/kg	77		SW846 8270C
	ND	4180	3360	ug/kg	81	4.0	SW846 8270C
Hexachlorocyclopenta-diene	ND	4180	2720	ug/kg	65		SW846 8270C
	ND	4180	3010	ug/kg	72	10	SW846 8270C
Hexachloroethane	ND	4180	2230	ug/kg	54		SW846 8270C
	ND	4180	2260	ug/kg	54	1.1	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	4180	3160	ug/kg	76		SW846 8270C
	ND	4180	3270	ug/kg	78	3.2	SW846 8270C
2-Methylnaphthalene	ND	4180	2780	ug/kg	67		SW846 8270C
	ND	4180	2770	ug/kg	66	0.42	SW846 8270C
2-Methylphenol	ND	4180	2780	ug/kg	67		SW846 8270C
	ND	4180	2710	ug/kg	65	2.5	SW846 8270C
Naphthalene	ND	4180	2530	ug/kg	61		SW846 8270C
	ND	4180	2570	ug/kg	61	1.3	SW846 8270C
2-Nitroaniline	ND	4180	3230	ug/kg	77		SW846 8270C
	ND	4180	3240	ug/kg	78	0.15	SW846 8270C
Benzyl alcohol	ND	4180	3010	ug/kg	72		SW846 8270C
	ND	4180	2980	ug/kg	71	0.71	SW846 8270C
3-Nitroaniline	ND	4180	3140	ug/kg	75		SW846 8270C
	ND	4180	2980	ug/kg	71	5.2	SW846 8270C
4-Nitroaniline	ND	4180	3340	ug/kg	80		SW846 8270C
	ND	4180	3140	ug/kg	75	6.1	SW846 8270C
Nitrobenzene	ND	4180	2580	ug/kg	62		SW846 8270C
	ND	4180	2600	ug/kg	62	0.75	SW846 8270C
2-Nitrophenol	ND	4180	2760	ug/kg	66		SW846 8270C
	ND	4180	2770	ug/kg	66	0.06	SW846 8270C
4-Nitrophenol	ND	4180	3340	ug/kg	80		SW846 8270C
	ND	4180	3200	ug/kg	77	4.2	SW846 8270C
N-Nitrosodiphenylamine	ND	4180	2610	ug/kg	62		SW846 8270C
	ND	4180	2600	ug/kg	62	0.47	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	4180	2790	ug/kg	67		SW846 8270C
	ND	4180	2770	ug/kg	66	0.85	SW846 8270C
Pentachlorophenol	ND	4180	3080	ug/kg	74		SW846 8270C
	ND	4180	3020	ug/kg	72	1.8	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G200178 **Work Order #...:** J29EE1CA-MS **Matrix.....:** SO
MS Lot-Sample #: D7G200178-004 J29EE1CC-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Phenanthrene	ND	4180	3080	ug/kg	74		SW846 8270C
	ND	4180	3230	ug/kg	77	4.5	SW846 8270C
Benzoic acid	ND	4180	2320	ug/kg	56		SW846 8270C
	ND	4180	2540	ug/kg	61	8.8	SW846 8270C
Phenol	ND	4180	2840	ug/kg	68		SW846 8270C
	ND	4180	2690	ug/kg	64	5.2	SW846 8270C
Pyrene	ND	4180	3060	ug/kg	73		SW846 8270C
	ND	4180	3350	ug/kg	80	9.2	SW846 8270C
2,4,5-Trichloro-phenol	ND	4180	3200	ug/kg	77		SW846 8270C
	ND	4180	3260	ug/kg	78	1.8	SW846 8270C
2,4,6-Trichloro-phenol	ND	4180	3070	ug/kg	74		SW846 8270C
	ND	4180	3230	ug/kg	77	5.0	SW846 8270C
bis(2-Chloroisopropyl) ether	ND	4180	2460	ug/kg	59		SW846 8270C
	ND	4180	2480	ug/kg	59	0.93	SW846 8270C
4-Methylphenol	ND	4180	2970	ug/kg	71		SW846 8270C
	ND	4180	2860	ug/kg	68	3.6	SW846 8270C
Hexachlorobutadiene	ND	4180	2540	ug/kg	61		SW846 8270C
	ND	4180	2620	ug/kg	63	3.0	SW846 8270C
Carbazole	ND	4180	3300	ug/kg	79		SW846 8270C
	ND	4180	3340	ug/kg	80	1.4	SW846 8270C
Isophorone	ND	4180	2890	ug/kg	69		SW846 8270C
	ND	4180	2900	ug/kg	69	0.16	SW846 8270C
Pyridine	ND	4180	1760	ug/kg	42		SW846 8270C
	ND	4180	1810	ug/kg	43	2.4	SW846 8270C
3-Methylphenol & 4-Methylphenol	ND	4180	2970	ug/kg	71		SW846 8270C
	ND	4180	2860	ug/kg	68	3.6	SW846 8270C
N-Nitrosodimethylamine	ND	4180	2200	ug/kg	53		SW846 8270C
	ND	4180	2080	ug/kg	50	5.5	SW846 8270C
1,2-Dichlorobenzene	ND	4180	2360	ug/kg	56		SW846 8270C
	ND	4180	2350	ug/kg	56	0.30	SW846 8270C
1,4-Dichlorobenzene	ND	4180	2210	ug/kg	53		SW846 8270C
	ND	4180	2230	ug/kg	53	0.83	SW846 8270C
Aniline	ND	4180	1360	ug/kg	33		SW846 8270C
	ND	4180	1260	ug/kg	30	7.3	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G200178 **Work Order #...:** J29EE1CA-MS **Matrix.....:** SO
MS Lot-Sample #: D7G200178-004 J29EE1CC-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,2-Diphenylhydrazine (as Azobenzene)	**ND**	**4180**	**3060**	**ug/kg**	**73**		**SW846 8270C**
	ND	**4180**	**3100**	**ug/kg**	**74**	**1.6**	**SW846 8270C**
1-Methylnaphthalene	**ND**	**4180**	**2770**	**ug/kg**	**66**		**SW846 8270C**
	ND	**4180**	**2740**	**ug/kg**	**66**	**1.2**	**SW846 8270C**
1,4-Dioxane	**ND**	**4180**	**1150**	**ug/kg**	**27**		**SW846 8270C**
	ND	**4180**	**1250**	**ug/kg**	**30**	**8.9**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	64	(53 - 120)
	63	(53 - 120)
Phenol-d5	70	(52 - 120)
	67	(52 - 120)
Nitrobenzene-d5	64	(50 - 120)
	63	(50 - 120)
2-Fluorobiphenyl	70	(50 - 120)
	74	(50 - 120)
2,4,6-Tribromophenol	82	(51 - 120)
	85	(51 - 120)
Terphenyl-d14	79	(55 - 120)
	85	(55 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

METHOD BLANK REPORT

GC Volatiles

Client Lot #...: D7G200178
MB Lot-Sample #: D7H020000-343

Work Order #...: J33671AA

Matrix.....: SOLID

Prep Date.....: 07/24/07
Prep Batch #...: 7214343

Analysis Date..: 07/26/07
Dilution Factor: 1

Analysis Time..: 11:32

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Gasoline Range Organics	ND	1.2	mg/kg	SW846 8015B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	99	(77 - 123)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...: D7G200178 **Work Order #...:** J33671AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: D7H020000-343 J33671AD-LCSD
Prep Date.....: 07/24/07 **Analysis Date..:** 07/26/07
Prep Batch #...: 7214343 **Analysis Time..:** 10:30
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Gasoline Range Organics	**111**	**(85 - 153)**			**SW846 8015B**
	114	**(85 - 153)**	**2.5**	**(0-30)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	99	(77 - 123)
	101	(77 - 123)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Volatiles

Client Lot #...: D7G200178 **Work Order #...:** J33671AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: D7H020000-343 J33671AD-LCSD
Prep Date.....: 07/24/07 **Analysis Date..:** 07/26/07
Prep Batch #...: 7214343 **Analysis Time..:** 10:30
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Gasoline Range Organics	**5.51**	**6.11**	**mg/kg**	**111**		**SW846 8015B**
	5.51	**6.26**	**mg/kg**	**114**	**2.5**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	99	(77 - 123)
	101	(77 - 123)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...: D7G200178 **Work Order #...:** J3C0T1DA-MS **Matrix.....:** SOLID
MS Lot-Sample #: D7G210163-008 J3C0T1DC-MSD
Date Sampled...: 07/19/07 15:30 **Date Received..:** 07/21/07
Prep Date.....: 07/24/07 **Analysis Date..:** 07/26/07
Prep Batch #...: 7214343 **Analysis Time..:** 21:02
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Gasoline Range Organics	**106**	**(85 - 153)**			**SW846 8015B**
	100	**(85 - 153)**	**5.3**	**(0-30)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	87	(77 - 123)
	88	(77 - 123)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

GC Volatiles

Client Lot #...: D7G200178 **Work Order #...:** J3C0T1DA-MS **Matrix.....:** SOLID
MS Lot-Sample #: D7G210163-008 J3C0T1DC-MSD
Date Sampled...: 07/19/07 15:30 **Date Received..:** 07/21/07
Prep Date.....: 07/24/07 **Analysis Date..:** 07/26/07
Prep Batch #...: 7214343 **Analysis Time..:** 21:02
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Gasoline Range Organics	**0.52**	**7.57**	**8.51**	**mg/kg**	**106**		**SW846 8015B**
	0.52	**7.57**	**8.07**	**mg/kg**	**100**	**5.3**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	87	(77 - 123)
	88	(77 - 123)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: D7G200178
MB Lot-Sample #: D7G230000-329
Work Order #...: J3D8T1AA
Matrix.....: SOLID
Prep Date.....: 07/23/07
Analysis Time..: 17:00
Analysis Date..: 07/27/07
Prep Batch #...: 7204329
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Diesel Range Organics (C1	**1.7 J**	**4.0**	**mg/kg**	**SW846 8015B**
Motor Oil Range Organics	ND	4.0	mg/kg	SW846 8015B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	83	(45 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

J Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: D7G200178 **Work Order #...:** J3D8T1AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7G230000-329
Prep Date.....: 07/23/07 **Analysis Date..:** 07/27/07
Prep Batch #...: 7204329 **Analysis Time..:** 17:38
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Diesel Range Organics (C10-C28)	**77**	**(53 - 115)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	74	(49 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: D7G200178 **Work Order #...:** J3D8T1AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7G230000-329
Prep Date.....: 07/23/07 **Analysis Date..:** 07/27/07
Prep Batch #...: 7204329 **Analysis Time..:** 17:38
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Diesel Range Organics (C10-C28)	**66.2**	**50.8**	**mg/kg**	**77**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	74	(49 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: D7G200178 **Work Order #...:** J29DP1DU-MS **Matrix.....:** SO
MS Lot-Sample #: D7G200178-001 J29DP1DV-MSD
Date Sampled...: 07/18/07 13:50 **Date Received..:** 07/20/07
Prep Date.....: 07/23/07 **Analysis Date..:** 07/27/07
Prep Batch #...: 7204329 **Analysis Time..:** 18:53
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Diesel Range Organics (C10-C28)	**71**	**(56 - 115)**			**SW846 8015B**
	65	**(56 - 115)**	**11**	**(0-23)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	66	(45 - 115)
	57	(45 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: D7G200178 **Work Order #...:** J29DP1DU-MS **Matrix.....:** SO
MS Lot-Sample #: D7G200178-001 J29DP1DV-MSD
Date Sampled...: 07/18/07 13:50 **Date Received..:** 07/20/07
Prep Date.....: 07/23/07 **Analysis Date..:** 07/27/07
Prep Batch #...: 7204329 **Analysis Time..:** 18:53
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Diesel Range Organics (C10-C28)	**2.0**	**76.8**	**56.5**	**mg/kg**	**71**		**SW846 8015B**
	2.0	**74.4**	**50.5**	**mg/kg**	**65**	**11**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	66	(45 - 115)
	57	(45 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: D7G200178
MB Lot-Sample #: D7G200000-422
Work Order #...: J3ARD1AA
Matrix.....: WATER
Prep Date.....: 07/20/07
Analysis Time..: 03:37
Analysis Date..: 07/24/07
Prep Batch #...: 7201422
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	1.0	ug/L	SW846 8082
Aroclor 1221	ND	1.0	ug/L	SW846 8082
Aroclor 1232	ND	1.0	ug/L	SW846 8082
Aroclor 1242	ND	1.0	ug/L	SW846 8082
Aroclor 1248	ND	1.0	ug/L	SW846 8082
Aroclor 1254	ND	1.0	ug/L	SW846 8082
Aroclor 1260	ND	1.0	ug/L	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	68	(51 - 122)
Decachlorobiphenyl	93	(41 - 138)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: D7G200178 **Work Order #...:** J3ARD1AC **Matrix.....:** WATER
LCS Lot-Sample#: D7G200000-422
Prep Date.....: 07/20/07 **Analysis Date..:** 07/24/07
Prep Batch #...: 7201422 **Analysis Time..:** 03:54
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**92**	**(61 - 125)**	**SW846 8082**
Aroclor 1260	**106**	**(63 - 129)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	79	(41 - 117)
Decachlorobiphenyl	104	(29 - 143)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: D7G200178 **Work Order #...:** J3ARD1AC **Matrix.....:** WATER
LCS Lot-Sample#: D7G200000-422
Prep Date.....: 07/20/07 **Analysis Date..:** 07/24/07
Prep Batch #...: 7201422 **Analysis Time..:** 03:54
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aroclor 1016	**2.00**	**1.85**	**ug/L**	**92**	**SW846 8082**
Aroclor 1260	**2.00**	**2.12**	**ug/L**	**106**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	79	(41 - 117)
Decachlorobiphenyl	104	(29 - 143)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: D7G200178 **Work Order #...:** J29EF1AQ-MS **Matrix.....:** WG
MS Lot-Sample #: D7G200178-005 J29EF1AR-MSD
Date Sampled...: 07/18/07 16:45 **Date Received..:** 07/20/07
Prep Date.....: 07/20/07 **Analysis Date..:** 07/24/07
Prep Batch #...: 7201422 **Analysis Time..:** 05:02
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**94**	**(53 - 130)**			**SW846 8082**
	90	**(53 - 130)**	**2.6**	**(0-30)**	**SW846 8082**
Aroclor 1260	**105**	**(58 - 150)**			**SW846 8082**
	104	**(58 - 150)**	**1.9**	**(0-30)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	84	(51 - 122)
	85	(51 - 122)
Decachlorobiphenyl	83	(41 - 138)
	83	(41 - 138)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: D7G200178 **Work Order #...:** J29EF1AQ-MS **Matrix.....:** WG
MS Lot-Sample #: D7G200178-005 J29EF1AR-MSD
Date Sampled...: 07/18/07 16:45 **Date Received..:** 07/20/07
Prep Date.....: 07/20/07 **Analysis Date..:** 07/24/07
Prep Batch #...: 7201422 **Analysis Time..:** 05:02
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aroclor 1016	**ND**	**1.90**	**1.79**	**ug/L**	**94**		**SW846 8082**
	ND	**1.95**	**1.75**	**ug/L**	**90**	**2.6**	**SW846 8082**
Aroclor 1260	**ND**	**1.90**	**1.99**	**ug/L**	**105**		**SW846 8082**
	ND	**1.95**	**2.03**	**ug/L**	**104**	**1.9**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	84	(51 - 122)
	85	(51 - 122)
Decachlorobiphenyl	83	(41 - 138)
	83	(41 - 138)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

METHOD BLANK REPORT

HPLC

Client Lot #...: D7G200178
MB Lot-Sample #: R7H010000-214
Work Order #...: J30TK1AA
Matrix.....: WATER
Prep Date.....: 08/01/07
Analysis Time..: 18:49
Analysis Date..: 08/01/07
Prep Batch #...: 7213214
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Perchlorate	ND	0.10	ug/L	SW846 6860

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

HPLC

Client Lot #...: D7G200178 **Work Order #...:** J30TK1AC **Matrix.....:** WATER
LCS Lot-Sample#: R7H010000-214
Prep Date.....: 08/01/07 **Analysis Date..:** 08/01/07
Prep Batch #...: 7213214 **Analysis Time..:** 19:18
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Perchlorate	**92**	**(80 - 120)**	**SW846 6860**

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

HPLC

Client Lot #...: D7G200178 **Work Order #...:** J30TK1AC **Matrix.....:** WATER
LCS Lot-Sample#: R7H010000-214
Prep Date.....: 08/01/07 **Analysis Date..:** 08/01/07
Prep Batch #...: 7213214 **Analysis Time..:** 19:18
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Perchlorate	**0.100**	**0.0925**	**ug/L**	**92**	**SW846 6860**

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

HPLC

Client Lot #...: D7G200178 **Work Order #...:** J29EF1AT-MS **Matrix.....:** WG
MS Lot-Sample #: D7G200178-005 J29EF1AU-MSD
Date Sampled...: 07/18/07 16:45 **Date Received..:** 07/20/07
Prep Date.....: 08/01/07 **Analysis Date..:** 08/03/07
Prep Batch #...: 7213214 **Analysis Time..:** 00:14
Dilution Factor: 5

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Perchlorate	**82**	**(80 - 120)**			**SW846 6860**
	73 a	**(80 - 120)**	**2.0**	**(0-15)**	**SW846 6860**

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

HPLC

Client Lot #...: D7G200178 **Work Order #...:** J29EF1AT-MS **Matrix.....:** WG
MS Lot-Sample #: D7G200178-005 J29EF1AU-MSD
Date Sampled...: 07/18/07 16:45 **Date Received..:** 07/20/07
Prep Date.....: 08/01/07 **Analysis Date..:** 08/03/07
Prep Batch #...: 7213214 **Analysis Time..:** 00:14
Dilution Factor: 5

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Perchlorate	**1.8**	**0.500**	**2.17**	**ug/L**	**82**		**SW846 6860**
	1.8	**0.500**	**2.13**	**ug/L**	**73 a**	**2.0**	**SW846 6860**

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D7G200178 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: D7G200000-487 **Prep Batch #...:** 7201487						
Aluminum	ND	10	mg/kg	SW846 6010B	07/23/07	J3A5F1AC
		Dilution Factor: 1				
		Analysis Time..: 21:10				
Antimony	ND	1.5	mg/kg	SW846 6010B	07/23/07	J3A5F1AV
		Dilution Factor: 1				
		Analysis Time..: 21:10				
Arsenic	ND	2.0	mg/kg	SW846 6010B	07/23/07	J3A5F1AD
		Dilution Factor: 1				
		Analysis Time..: 21:10				
Barium	ND	1.0	mg/kg	SW846 6010B	07/23/07	J3A5F1AE
		Dilution Factor: 1				
		Analysis Time..: 21:10				
Beryllium	ND	0.50	mg/kg	SW846 6010B	07/23/07	J3A5F1AF
		Dilution Factor: 1				
		Analysis Time..: 21:10				
Cadmium	ND	0.50	mg/kg	SW846 6010B	07/23/07	J3A5F1AH
		Dilution Factor: 1				
		Analysis Time..: 21:10				
Calcium	**18 B**	**50**	**mg/kg**	**SW846 6010B**	**07/23/07**	**J3A5F1AG**
		Dilution Factor: 1				
		Analysis Time..: 21:10				
Chromium	ND	1.5	mg/kg	SW846 6010B	07/23/07	J3A5F1AK
		Dilution Factor: 1				
		Analysis Time..: 21:10				
Cobalt	ND	1.0	mg/kg	SW846 6010B	07/23/07	J3A5F1AJ
		Dilution Factor: 1				
		Analysis Time..: 21:10				
Copper	ND	2.0	mg/kg	SW846 6010B	07/23/07	J3A5F1AL
		Dilution Factor: 1				
		Analysis Time..: 21:10				
Iron	ND	15	mg/kg	SW846 6010B	07/23/07	J3A5F1AM
		Dilution Factor: 1				
		Analysis Time..: 21:10				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D7G200178 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Lead	ND	0.80	mg/kg	SW846 6010B	07/23/07	J3A5F1AU
		Dilution Factor: 1				
		Analysis Time..: 21:10				
Magnesium	ND	20	mg/kg	SW846 6010B	07/23/07	J3A5F1AP
		Dilution Factor: 1				
		Analysis Time..: 21:10				
Manganese	ND	1.0	mg/kg	SW846 6010B	07/23/07	J3A5F1AQ
		Dilution Factor: 1				
		Analysis Time..: 21:10				
Nickel	ND	4.0	mg/kg	SW846 6010B	07/23/07	J3A5F1AT
		Dilution Factor: 1				
		Analysis Time..: 21:10				
Potassium	ND	300	mg/kg	SW846 6010B	07/23/07	J3A5F1AN
		Dilution Factor: 1				
		Analysis Time..: 21:10				
Selenium	ND	1.3	mg/kg	SW846 6010B	07/23/07	J3A5F1AW
		Dilution Factor: 1				
		Analysis Time..: 21:10				
Silver	ND	1.0	mg/kg	SW846 6010B	07/23/07	J3A5F1AA
		Dilution Factor: 1				
		Analysis Time..: 21:10				
Sodium	ND	500	mg/kg	SW846 6010B	07/23/07	J3A5F1AR
		Dilution Factor: 1				
		Analysis Time..: 21:10				
Thallium	ND	1.2	mg/kg	SW846 6010B	07/23/07	J3A5F1AX
		Dilution Factor: 1				
		Analysis Time..: 21:10				
Vanadium	ND	2.0	mg/kg	SW846 6010B	07/23/07	J3A5F1A0
		Dilution Factor: 1				
		Analysis Time..: 21:10				
Zinc	**1.2 B**	**3.0**	**mg/kg**	**SW846 6010B**	**07/23-07/25/07**	**J3A5F1A1**
		Dilution Factor: 1				
		Analysis Time..: 10:33				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D7G200178 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: D7G260000-200 **Prep Batch #...:** 7207200						
Mercury	ND	33	ug/kg	SW846 7471A	07/30/07	J3K3V1AA
		Dilution Factor: 1				
		Analysis Time..: 17:43				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D7G200178 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: D7G230000-497 **Prep Batch #...:** 7204497						
Selenium	ND	15	ug/L	SW846 6010B	07/24-07/25/07	J3ETE1A1
		Dilution Factor: 1				
		Analysis Time..: 17:17				
Barium	ND	10	ug/L	SW846 6010B	07/24-07/25/07	J3ETE1AH
		Dilution Factor: 1				
		Analysis Time..: 17:17				
Cadmium	ND	5.0	ug/L	SW846 6010B	07/24-07/25/07	J3ETE1AL
		Dilution Factor: 1				
		Analysis Time..: 17:17				
Chromium	ND	10	ug/L	SW846 6010B	07/24-07/25/07	J3ETE1AN
		Dilution Factor: 1				
		Analysis Time..: 17:17				
Silver	ND	10	ug/L	SW846 6010B	07/24-07/25/07	J3ETE1AE
		Dilution Factor: 1				
		Analysis Time..: 17:17				
Arsenic	ND	15	ug/L	SW846 6010B	07/24-07/25/07	J3ETE1AG
		Dilution Factor: 1				
		Analysis Time..: 17:17				
Lead	ND	9.0	ug/L	SW846 6010B	07/24-07/25/07	J3ETE1AX
		Dilution Factor: 1				
		Analysis Time..: 17:17				
MB Lot-Sample #: D7G280000-154 **Prep Batch #...:** 7209154						
Mercury	**0.028 B**	**0.20**	**ug/L**	**SW846 7470A**	**08/02-08/03/07**	**J3WJE1AA**
		Dilution Factor: 1				
		Analysis Time..: 00:33				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7G200178 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: D7G200000-487 **Prep Batch #...:** 7201487					
Silver	100	(87 - 114)	SW846 6010B	07/23/07	J3A5F1A2
		Dilution Factor: 1	Analysis Time..: 21:15		
Aluminum	107	(82 - 116)	SW846 6010B	07/23/07	J3A5F1A3
		Dilution Factor: 1	Analysis Time..: 21:15		
Arsenic	95	(85 - 110)	SW846 6010B	07/23/07	J3A5F1A4
		Dilution Factor: 1	Analysis Time..: 21:15		
Barium	102	(87 - 112)	SW846 6010B	07/23/07	J3A5F1A5
		Dilution Factor: 1	Analysis Time..: 21:15		
Beryllium	100	(84 - 114)	SW846 6010B	07/23/07	J3A5F1A6
		Dilution Factor: 1	Analysis Time..: 21:15		
Calcium	103	(82 - 114)	SW846 6010B	07/23/07	J3A5F1A7
		Dilution Factor: 1	Analysis Time..: 21:15		
Cadmium	102	(87 - 110)	SW846 6010B	07/23/07	J3A5F1A8
		Dilution Factor: 1	Analysis Time..: 21:15		
Cobalt	98	(87 - 110)	SW846 6010B	07/23/07	J3A5F1A9
		Dilution Factor: 1	Analysis Time..: 21:15		
Chromium	101	(84 - 114)	SW846 6010B	07/23/07	J3A5F1CA
		Dilution Factor: 1	Analysis Time..: 21:15		
Copper	100	(88 - 110)	SW846 6010B	07/23/07	J3A5F1CC
		Dilution Factor: 1	Analysis Time..: 21:15		
Iron	110	(87 - 120)	SW846 6010B	07/23/07	J3A5F1CD
		Dilution Factor: 1	Analysis Time..: 21:15		
Potassium	102	(89 - 110)	SW846 6010B	07/23/07	J3A5F1CE
		Dilution Factor: 1	Analysis Time..: 21:15		
Magnesium	100	(90 - 110)	SW846 6010B	07/23/07	J3A5F1CF
		Dilution Factor: 1	Analysis Time..: 21:15		
Manganese	101	(88 - 110)	SW846 6010B	07/23/07	J3A5F1CG
		Dilution Factor: 1	Analysis Time..: 21:15		

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7G200178 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	103	(90 - 112)	SW846 6010B	07/23/07	J3A5F1CH
		Dilution Factor: 1	Analysis Time..: 21:15		
Nickel	98	(87 - 110)	SW846 6010B	07/23/07	J3A5F1CJ
		Dilution Factor: 1	Analysis Time..: 21:15		
Lead	95	(86 - 110)	SW846 6010B	07/23/07	J3A5F1CK
		Dilution Factor: 1	Analysis Time..: 21:15		
Antimony	96	(82 - 110)	SW846 6010B	07/23/07	J3A5F1CL
		Dilution Factor: 1	Analysis Time..: 21:15		
Selenium	94	(83 - 110)	SW846 6010B	07/23/07	J3A5F1CM
		Dilution Factor: 1	Analysis Time..: 21:15		
Thallium	93	(84 - 110)	SW846 6010B	07/23/07	J3A5F1CN
		Dilution Factor: 1	Analysis Time..: 21:15		
Vanadium	101	(88 - 110)	SW846 6010B	07/23/07	J3A5F1CP
		Dilution Factor: 1	Analysis Time..: 21:15		
Zinc	95	(76 - 114)	SW846 6010B	07/23-07/25/07	J3A5F1CQ
		Dilution Factor: 1	Analysis Time..: 10:37		

LCS Lot-Sample#: D7G260000-200 **Prep Batch #...:** 7207200

Mercury	97	(87 - 111)	SW846 7471A	07/30/07	J3K3V1AC
		Dilution Factor: 1	Analysis Time..: 17:45		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7G200178 **Matrix.....:** SOLID

LCS Lot-Sample#: D7G200000-487 **Prep Batch #...:** 7201487

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	5.00	5.02	mg/kg	100	SW846 6010B	07/23/07	J3A5F1A2
			Dilution Factor: 1		Analysis Time..: 21:15		
Aluminum	200	213	mg/kg	107	SW846 6010B	07/23/07	J3A5F1A3
			Dilution Factor: 1		Analysis Time..: 21:15		
Arsenic	100	95.1	mg/kg	95	SW846 6010B	07/23/07	J3A5F1A4
			Dilution Factor: 1		Analysis Time..: 21:15		
Barium	200	203	mg/kg	102	SW846 6010B	07/23/07	J3A5F1A5
			Dilution Factor: 1		Analysis Time..: 21:15		
Beryllium	5.00	5.01	mg/kg	100	SW846 6010B	07/23/07	J3A5F1A6
			Dilution Factor: 1		Analysis Time..: 21:15		
Calcium	5000	5130	mg/kg	103	SW846 6010B	07/23/07	J3A5F1A7
			Dilution Factor: 1		Analysis Time..: 21:15		
Cadmium	10.0	10.2	mg/kg	102	SW846 6010B	07/23/07	J3A5F1A8
			Dilution Factor: 1		Analysis Time..: 21:15		
Cobalt	50.0	48.9	mg/kg	98	SW846 6010B	07/23/07	J3A5F1A9
			Dilution Factor: 1		Analysis Time..: 21:15		
Chromium	20.0	20.2	mg/kg	101	SW846 6010B	07/23/07	J3A5F1CA
			Dilution Factor: 1		Analysis Time..: 21:15		
Copper	25.0	25.1	mg/kg	100	SW846 6010B	07/23/07	J3A5F1CC
			Dilution Factor: 1		Analysis Time..: 21:15		
Iron	100	110	mg/kg	110	SW846 6010B	07/23/07	J3A5F1CD
			Dilution Factor: 1		Analysis Time..: 21:15		
Potassium	5000	5100	mg/kg	102	SW846 6010B	07/23/07	J3A5F1CE
			Dilution Factor: 1		Analysis Time..: 21:15		
Magnesium	5000	5020	mg/kg	100	SW846 6010B	07/23/07	J3A5F1CF
			Dilution Factor: 1		Analysis Time..: 21:15		
Manganese	50.0	50.4	mg/kg	101	SW846 6010B	07/23/07	J3A5F1CG
			Dilution Factor: 1		Analysis Time..: 21:15		

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7G200178 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	5000	5160	mg/kg	103	SW846 6010B	07/23/07	J3A5F1CH
			Dilution Factor: 1		Analysis Time..: 21:15		
Nickel	50.0	48.9	mg/kg	98	SW846 6010B	07/23/07	J3A5F1CJ
			Dilution Factor: 1		Analysis Time..: 21:15		
Lead	50.0	47.4	mg/kg	95	SW846 6010B	07/23/07	J3A5F1CK
			Dilution Factor: 1		Analysis Time..: 21:15		
Antimony	50.0	47.8	mg/kg	96	SW846 6010B	07/23/07	J3A5F1CL
			Dilution Factor: 1		Analysis Time..: 21:15		
Selenium	200	189	mg/kg	94	SW846 6010B	07/23/07	J3A5F1CM
			Dilution Factor: 1		Analysis Time..: 21:15		
Thallium	200	186	mg/kg	93	SW846 6010B	07/23/07	J3A5F1CN
			Dilution Factor: 1		Analysis Time..: 21:15		
Vanadium	50.0	50.6	mg/kg	101	SW846 6010B	07/23/07	J3A5F1CP
			Dilution Factor: 1		Analysis Time..: 21:15		
Zinc	50.0	47.3	mg/kg	95	SW846 6010B	07/23-07/25/07	J3A5F1CQ
			Dilution Factor: 1		Analysis Time..: 10:37		

LCS Lot-Sample#: D7G260000-200 **Prep Batch #...:** 7207200

Mercury	833	811	ug/kg	97	SW846 7471A	07/30/07	J3K3V1AC
			Dilution Factor: 1		Analysis Time..: 17:45		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7G200178 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: D7G230000-497 **Prep Batch #...:** 7204497					
Selenium	92	(85 - 112)	SW846 6010B	07/24-07/25/07	J3ETE1CQ
		Dilution Factor: 1	Analysis Time..: 17:22		
Barium	98	(90 - 112)	SW846 6010B	07/24-07/25/07	J3ETE1A8
		Dilution Factor: 1	Analysis Time..: 17:22		
Cadmium	98	(88 - 111)	SW846 6010B	07/24-07/25/07	J3ETE1CC
		Dilution Factor: 1	Analysis Time..: 17:22		
Chromium	98	(90 - 113)	SW846 6010B	07/24-07/25/07	J3ETE1CE
		Dilution Factor: 1	Analysis Time..: 17:22		
Silver	96	(86 - 115)	SW846 6010B	07/24-07/25/07	J3ETE1A5
		Dilution Factor: 1	Analysis Time..: 17:22		
Arsenic	92	(88 - 110)	SW846 6010B	07/24-07/25/07	J3ETE1A7
		Dilution Factor: 1	Analysis Time..: 17:22		
Lead	92	(89 - 110)	SW846 6010B	07/24-07/25/07	J3ETE1CN
		Dilution Factor: 1	Analysis Time..: 17:22		
LCS Lot-Sample#: D7G280000-154 **Prep Batch #...:** 7209154					
Mercury	102	(88 - 111)	SW846 7470A	08/02-08/03/07	J3WJE1AC
		Dilution Factor: 1	Analysis Time..: 12:32		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7G200178 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: D7G230000-497 **Prep Batch #...:** 7204497							
Selenium	2000	1840	ug/L	92	SW846 6010B	07/24-07/25/07	J3ETE1CQ
			Dilution Factor: 1		Analysis Time..: 17:22		
Barium	2000	1960	ug/L	98	SW846 6010B	07/24-07/25/07	J3ETE1A8
			Dilution Factor: 1		Analysis Time..: 17:22		
Cadmium	100	98.4	ug/L	98	SW846 6010B	07/24-07/25/07	J3ETE1CC
			Dilution Factor: 1		Analysis Time..: 17:22		
Chromium	200	196	ug/L	98	SW846 6010B	07/24-07/25/07	J3ETE1CE
			Dilution Factor: 1		Analysis Time..: 17:22		
Silver	50.0	47.9	ug/L	96	SW846 6010B	07/24-07/25/07	J3ETE1A5
			Dilution Factor: 1		Analysis Time..: 17:22		
Arsenic	1000	915	ug/L	92	SW846 6010B	07/24-07/25/07	J3ETE1A7
			Dilution Factor: 1		Analysis Time..: 17:22		
Lead	500	459	ug/L	92	SW846 6010B	07/24-07/25/07	J3ETE1CN
			Dilution Factor: 1		Analysis Time..: 17:22		
LCS Lot-Sample#: D7G280000-154 **Prep Batch #...:** 7209154							
Mercury	5.00	5.12	ug/L	102	SW846 7470A	08/02-08/03/07	J3WJE1AC
			Dilution Factor: 1		Analysis Time..: 12:32		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7G200178 **Matrix.....:** SO
Date Sampled...: 07/18/07 13:50 **Date Received..:** 07/20/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7G200178-001 **Prep Batch #...:** 7201487							
Aluminum	NC,MSB	(50 - 200)			SW846 6010B	07/23-07/24/07	J29DP1CD
	NC,MSB	(50 - 200)		(0-40)	SW846 6010B	07/23-07/24/07	J29DP1CE
		Dilution Factor: 1					
		Analysis Time..: 08:00					
Antimony	63	(20 - 200)			SW846 6010B	07/23-07/24/07	J29DP1DF
	57	(20 - 200)	11	(0-40)	SW846 6010B	07/23-07/24/07	J29DP1DG
		Dilution Factor: 1					
		Analysis Time..: 08:00					
Arsenic	94	(76 - 111)			SW846 6010B	07/23-07/24/07	J29DP1CF
	96	(76 - 111)	1.7	(0-30)	SW846 6010B	07/23-07/24/07	J29DP1CG
		Dilution Factor: 1					
		Analysis Time..: 08:00					
Barium	92	(52 - 159)			SW846 6010B	07/23-07/24/07	J29DP1CH
	98	(52 - 159)	4.3	(0-30)	SW846 6010B	07/23-07/24/07	J29DP1CJ
		Dilution Factor: 1					
		Analysis Time..: 08:00					
Beryllium	84	(72 - 105)			SW846 6010B	07/23-07/24/07	J29DP1CK
	87	(72 - 105)	3.0	(0-30)	SW846 6010B	07/23-07/24/07	J29DP1CL
		Dilution Factor: 1					
		Analysis Time..: 08:00					
Cadmium	98	(40 - 130)			SW846 6010B	07/23-07/24/07	J29DP1CP
	100	(40 - 130)	1.4	(0-30)	SW846 6010B	07/23-07/24/07	J29DP1CQ
		Dilution Factor: 1					
		Analysis Time..: 08:00					
Calcium	NC,MSB	(43 - 165)			SW846 6010B	07/23-07/24/07	J29DP1CM
	NC,MSB	(43 - 165)		(0-30)	SW846 6010B	07/23-07/24/07	J29DP1CN
		Dilution Factor: 1					
		Analysis Time..: 08:00					
Chromium	87	(70 - 200)			SW846 6010B	07/23-07/24/07	J29DP1CU
	110	(70 - 200)	14	(0-40)	SW846 6010B	07/23-07/24/07	J29DP1CV
		Dilution Factor: 1					
		Analysis Time..: 08:00					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7G200178 **Matrix.....:** SO
Date Sampled...: 07/18/07 13:50 **Date Received..:** 07/20/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt	85	(72 - 106)			SW846 6010B	07/23-07/24/07	J29DP1CR
	87	(72 - 106)	1.8	(0-30)	SW846 6010B	07/23-07/24/07	J29DP1CT
		Dilution Factor: 1					
		Analysis Time..: 08:00					
Copper	86	(37 - 187)			SW846 6010B	07/23-07/24/07	J29DP1CW
	94	(37 - 187)	6.8	(0-30)	SW846 6010B	07/23-07/24/07	J29DP1CX
		Dilution Factor: 1					
		Analysis Time..: 08:00					
Iron	NC,MSB	(70 - 200)			SW846 6010B	07/23-07/24/07	J29DP1C0
	NC,MSB	(70 - 200)		(0-40)	SW846 6010B	07/23-07/24/07	J29DP1C1
		Dilution Factor: 1					
		Analysis Time..: 08:00					
Lead	81	(70 - 200)			SW846 6010B	07/23-07/24/07	J29DP1DD
	84	(70 - 200)	3.8	(0-40)	SW846 6010B	07/23-07/24/07	J29DP1DE
		Dilution Factor: 1					
		Analysis Time..: 08:00					
Magnesium	68	(64 - 145)			SW846 6010B	07/23-07/24/07	J29DP1C4
	96	(64 - 145)	15	(0-30)	SW846 6010B	07/23-07/24/07	J29DP1C5
		Dilution Factor: 1					
		Analysis Time..: 08:00					
Manganese	46	(40 - 200)			SW846 6010B	07/23-07/24/07	J29DP1C6
	82	(40 - 200)	12	(0-40)	SW846 6010B	07/23-07/24/07	J29DP1C7
		Dilution Factor: 1					
		Analysis Time..: 08:00					
Nickel	85	(61 - 126)			SW846 6010B	07/23-07/24/07	J29DP1DA
	91	(61 - 126)	5.9	(0-30)	SW846 6010B	07/23-07/24/07	J29DP1DC
		Dilution Factor: 1					
		Analysis Time..: 08:00					
Potassium	106	(56 - 172)			SW846 6010B	07/23-07/24/07	J29DP1C2
	120	(56 - 172)	8.6	(0-40)	SW846 6010B	07/23-07/24/07	J29DP1C3
		Dilution Factor: 1					
		Analysis Time..: 08:00					
Selenium	93	(76 - 104)			SW846 6010B	07/23-07/24/07	J29DP1DH
	93	(76 - 104)	0.50	(0-30)	SW846 6010B	07/23-07/24/07	J29DP1DJ
		Dilution Factor: 1					
		Analysis Time..: 08:00					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7G200178 **Matrix.....:** SO
Date Sampled...: 07/18/07 13:50 **Date Received..:** 07/20/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	91	(75 - 141)			SW846 6010B	07/23-07/24/07	J29DP1CA
	93	(75 - 141)	1.4	(0-30)	SW846 6010B	07/23-07/24/07	J29DP1CC
		Dilution Factor: 1					
		Analysis Time..: 08:00					
Sodium	78	(78 - 111)			SW846 6010B	07/23-07/24/07	J29DP1C8
	91	(78 - 111)	9.6	(0-30)	SW846 6010B	07/23-07/24/07	J29DP1C9
		Dilution Factor: 1					
		Analysis Time..: 08:00					
Thallium	76 N	(78 - 101)			SW846 6010B	07/23-07/24/07	J29DP1DK
	76 N	(78 - 101)	0.11	(0-30)	SW846 6010B	07/23-07/24/07	J29DP1DL
		Dilution Factor: 1					
		Analysis Time..: 08:00					
Vanadium	76	(50 - 169)			SW846 6010B	07/23-07/24/07	J29DP1DM
	93	(50 - 169)	12	(0-30)	SW846 6010B	07/23-07/24/07	J29DP1DN
		Dilution Factor: 1					
		Analysis Time..: 08:00					
Zinc	75	(70 - 200)			SW846 6010B	07/23-07/24/07	J29DP1DP
	91	(70 - 200)	12	(0-40)	SW846 6010B	07/23-07/24/07	J29DP1DQ
		Dilution Factor: 1					
		Analysis Time..: 08:00					

MS Lot-Sample #: D7G200178-001 **Prep Batch #...:** 7207200

Mercury	103	(87 - 111)			SW846 7471A	07/30/07	J29DP1DX
	99	(87 - 111)	3.5	(0-20)	SW846 7471A	07/30/07	J29DP1D0
		Dilution Factor: 1					
		Analysis Time..: 18:01					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7G200178 **Matrix.....:** SO
Date Sampled...: 07/18/07 13:50 **Date Received..:** 07/20/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7G200178-001 **Prep Batch #...:** 7201487									
Aluminum									
	13000	232	13200	mg/kg			SW846 6010B	07/23-07/24/07	J29DP1CD
			Qualifiers: NC,MSB						
	13000	232	17600	mg/kg			SW846 6010B	07/23-07/24/07	J29DP1CE
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 08:00						
Antimony									
	ND	58.0	36.8	mg/kg	63		SW846 6010B	07/23-07/24/07	J29DP1DF
	ND	58.0	32.9	mg/kg	57	11	SW846 6010B	07/23-07/24/07	J29DP1DG
			Dilution Factor: 1						
			Analysis Time..: 08:00						
Arsenic									
	4.2	116	114	mg/kg	94		SW846 6010B	07/23-07/24/07	J29DP1CF
	4.2	116	116	mg/kg	96	1.7	SW846 6010B	07/23-07/24/07	J29DP1CG
			Dilution Factor: 1						
			Analysis Time..: 08:00						
Barium									
	100	232	315	mg/kg	92		SW846 6010B	07/23-07/24/07	J29DP1CH
	100	232	329	mg/kg	98	4.3	SW846 6010B	07/23-07/24/07	J29DP1CJ
			Dilution Factor: 1						
			Analysis Time..: 08:00						
Beryllium									
	0.69	5.80	5.57	mg/kg	84		SW846 6010B	07/23-07/24/07	J29DP1CK
	0.69	5.80	5.74	mg/kg	87	3.0	SW846 6010B	07/23-07/24/07	J29DP1CL
			Dilution Factor: 1						
			Analysis Time..: 08:00						
Cadmium									
	0.19	11.6	11.6	mg/kg	98		SW846 6010B	07/23-07/24/07	J29DP1CP
	0.19	11.6	11.8	mg/kg	100	1.4	SW846 6010B	07/23-07/24/07	J29DP1CQ
			Dilution Factor: 1						
			Analysis Time..: 08:00						
Calcium									
	150000	5800	160000	mg/kg			SW846 6010B	07/23-07/24/07	J29DP1CM
			Qualifiers: NC,MSB						
	150000	5800	150000	mg/kg			SW846 6010B	07/23-07/24/07	J29DP1CN
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 08:00						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7G200178 **Matrix.....:** SO
Date Sampled...: 07/18/07 13:50 **Date Received..:** 07/20/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium									
	15	23.2	35.7	mg/kg	87		SW846 6010B	07/23-07/24/07	J29DP1CU
	15	23.2	40.9	mg/kg	110	14	SW846 6010B	07/23-07/24/07	J29DP1CV
			Dilution Factor: 1						
			Analysis Time..: 08:00						
Cobalt									
	3.4	58.0	53.0	mg/kg	85		SW846 6010B	07/23-07/24/07	J29DP1CR
	3.4	58.0	54.0	mg/kg	87	1.8	SW846 6010B	07/23-07/24/07	J29DP1CT
			Dilution Factor: 1						
			Analysis Time..: 08:00						
Copper									
	7.0	29.0	32.0	mg/kg	86		SW846 6010B	07/23-07/24/07	J29DP1CW
	7.0	29.0	34.2	mg/kg	94	6.8	SW846 6010B	07/23-07/24/07	J29DP1CX
			Dilution Factor: 1						
			Analysis Time..: 08:00						
Iron									
	12000	116	9270	mg/kg			SW846 6010B	07/23-07/24/07	J29DP1C0
			Qualifiers: NC,MSB						
	12000	116	12300	mg/kg			SW846 6010B	07/23-07/24/07	J29DP1C1
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 08:00						
Lead									
	7.2	58.0	53.9	mg/kg	81		SW846 6010B	07/23-07/24/07	J29DP1DD
	7.2	58.0	55.9	mg/kg	84	3.8	SW846 6010B	07/23-07/24/07	J29DP1DE
			Dilution Factor: 1						
			Analysis Time..: 08:00						
Magnesium									
	6000	5800	9910	mg/kg	68		SW846 6010B	07/23-07/24/07	J29DP1C4
	6000	5800	11500	mg/kg	96	15	SW846 6010B	07/23-07/24/07	J29DP1C5
			Dilution Factor: 1						
			Analysis Time..: 08:00						
Manganese									
	130	58.0	158	mg/kg	46		SW846 6010B	07/23-07/24/07	J29DP1C6
	130	58.0	178	mg/kg	82	12	SW846 6010B	07/23-07/24/07	J29DP1C7
			Dilution Factor: 1						
			Analysis Time..: 08:00						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7G200178 **Matrix.....:** SO
Date Sampled...: 07/18/07 13:50 **Date Received..:** 07/20/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Nickel									
	11	58.0	59.9	mg/kg	85		SW846 6010B	07/23-07/24/07	J29DP1DA
	11	58.0	63.5	mg/kg	91	5.9	SW846 6010B	07/23-07/24/07	J29DP1DC
			Dilution Factor: 1						
			Analysis Time..: 08:00						
Potassium									
	2200	5800	8400	mg/kg	106		SW846 6010B	07/23-07/24/07	J29DP1C2
	2200	5800	9160	mg/kg	120	8.6	SW846 6010B	07/23-07/24/07	J29DP1C3
			Dilution Factor: 1						
			Analysis Time..: 08:00						
Selenium									
	ND	232	215	mg/kg	93		SW846 6010B	07/23-07/24/07	J29DP1DH
	ND	232	216	mg/kg	93	0.50	SW846 6010B	07/23-07/24/07	J29DP1DJ
			Dilution Factor: 1						
			Analysis Time..: 08:00						
Silver									
	ND	5.80	5.31	mg/kg	91		SW846 6010B	07/23-07/24/07	J29DP1CA
	ND	5.80	5.38	mg/kg	93	1.4	SW846 6010B	07/23-07/24/07	J29DP1CC
			Dilution Factor: 1						
			Analysis Time..: 08:00						
Sodium									
	3000	5800	7510	mg/kg	78		SW846 6010B	07/23-07/24/07	J29DP1C8
	3000	5800	8280	mg/kg	91	9.6	SW846 6010B	07/23-07/24/07	J29DP1C9
			Dilution Factor: 1						
			Analysis Time..: 08:00						
Thallium									
	ND	232	176 N	mg/kg	76		SW846 6010B	07/23-07/24/07	J29DP1DK
	ND	232	176 N	mg/kg	76	0.11	SW846 6010B	07/23-07/24/07	J29DP1DL
			Dilution Factor: 1						
			Analysis Time..: 08:00						
Vanadium									
	32	58.0	76.4	mg/kg	76		SW846 6010B	07/23-07/24/07	J29DP1DM
	32	58.0	86.2	mg/kg	93	12	SW846 6010B	07/23-07/24/07	J29DP1DN
			Dilution Factor: 1						
			Analysis Time..: 08:00						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7G200178 **Matrix.....:** SO
Date Sampled...: 07/18/07 13:50 **Date Received..:** 07/20/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc									
	32	58.0	75.2	mg/kg	75		SW846 6010B	07/23-07/24/07	J29DP1DP
	32	58.0	84.6	mg/kg	91	12	SW846 6010B	07/23-07/24/07	J29DP1DQ

Dilution Factor: 1
Analysis Time..: 08:00

MS Lot-Sample #: D7G200178-001 **Prep Batch #...:** 7207200

Mercury									
	ND	967	991	ug/kg	103		SW846 7471A	07/30/07	J29DP1DX
	ND	967	957	ug/kg	99	3.5	SW846 7471A	07/30/07	J29DP1D0

Dilution Factor: 1
Analysis Time..: 18:01

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7G200178 **Matrix.....:** WG
Date Sampled...: 07/18/07 16:45 **Date Received..:** 07/20/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7G200178-005 **Prep Batch #...:** 7204497							
Selenium	99	(71 - 140)			SW846 6010B	07/24-07/25/07	J29EF1AV
	98	(71 - 140)	0.63	(0-25)	SW846 6010B	07/24-07/25/07	J29EF1AW
		Dilution Factor: 1					
		Analysis Time..: 17:41					
Barium	98	(85 - 120)			SW846 6010B	07/24-07/25/07	J29EF1AX
	98	(85 - 120)	0.71	(0-25)	SW846 6010B	07/24-07/25/07	J29EF1A0
		Dilution Factor: 1					
		Analysis Time..: 17:41					
Cadmium	104	(82 - 119)			SW846 6010B	07/24-07/25/07	J29EF1A1
	103	(82 - 119)	1.2	(0-25)	SW846 6010B	07/24-07/25/07	J29EF1A2
		Dilution Factor: 1					
		Analysis Time..: 17:41					
Chromium	95	(73 - 135)			SW846 6010B	07/24-07/25/07	J29EF1A3
	94	(73 - 135)	0.98	(0-25)	SW846 6010B	07/24-07/25/07	J29EF1A4
		Dilution Factor: 1					
		Analysis Time..: 17:41					
Silver	103	(75 - 141)			SW846 6010B	07/24-07/25/07	J29EF1A5
	102	(75 - 141)	1.0	(0-25)	SW846 6010B	07/24-07/25/07	J29EF1A6
		Dilution Factor: 1					
		Analysis Time..: 17:41					
Arsenic	99	(84 - 124)			SW846 6010B	07/24-07/25/07	J29EF1A7
	99	(84 - 124)	0.63	(0-25)	SW846 6010B	07/24-07/25/07	J29EF1A8
		Dilution Factor: 1					
		Analysis Time..: 17:41					
Lead	84 N	(89 - 121)			SW846 6010B	07/24-07/25/07	J29EF1A9
	83 N	(89 - 121)	0.91	(0-25)	SW846 6010B	07/24-07/25/07	J29EF1CA
		Dilution Factor: 1					
		Analysis Time..: 17:41					
MS Lot-Sample #: D7G200178-005 **Prep Batch #...:** 7209154							
Mercury	98	(88 - 111)			SW846 7470A	08/02-08/03/07	J29EF1CC
	101	(88 - 111)	2.9	(0-10)	SW846 7470A	08/02-08/03/07	J29EF1CD
		Dilution Factor: 1					
		Analysis Time..: 00:42					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7G200178 **Matrix.....:** WG
Date Sampled...: 07/18/07 16:45 **Date Received..:** 07/20/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7G200178-005 **Prep Batch #...:** 7204497									
Selenium									
	5.5	2000	1990	ug/L	99		SW846 6010B	07/24-07/25/07	J29EF1AV
	5.5	2000	1970	ug/L	98	0.63	SW846 6010B	07/24-07/25/07	J29EF1AW
			Dilution Factor: 1						
			Analysis Time..: 17:41						
Barium									
	56	2000	2020	ug/L	98		SW846 6010B	07/24-07/25/07	J29EF1AX
	56	2000	2010	ug/L	98	0.71	SW846 6010B	07/24-07/25/07	J29EF1A0
			Dilution Factor: 1						
			Analysis Time..: 17:41						
Cadmium									
	1.1	100	105	ug/L	104		SW846 6010B	07/24-07/25/07	J29EF1A1
	1.1	100	104	ug/L	103	1.2	SW846 6010B	07/24-07/25/07	J29EF1A2
			Dilution Factor: 1						
			Analysis Time..: 17:41						
Chromium									
	ND	200	191	ug/L	95		SW846 6010B	07/24-07/25/07	J29EF1A3
	ND	200	189	ug/L	94	0.98	SW846 6010B	07/24-07/25/07	J29EF1A4
			Dilution Factor: 1						
			Analysis Time..: 17:41						
Silver									
	ND	50.0	52.0	ug/L	103		SW846 6010B	07/24-07/25/07	J29EF1A5
	ND	50.0	51.5	ug/L	102	1.0	SW846 6010B	07/24-07/25/07	J29EF1A6
			Dilution Factor: 1						
			Analysis Time..: 17:41						
Arsenic									
	8.6	1000	1000	ug/L	99		SW846 6010B	07/24-07/25/07	J29EF1A7
	8.6	1000	994	ug/L	99	0.63	SW846 6010B	07/24-07/25/07	J29EF1A8
			Dilution Factor: 1						
			Analysis Time..: 17:41						
Lead									
	ND	500	420 N	ug/L	84		SW846 6010B	07/24-07/25/07	J29EF1A9
	ND	500	416 N	ug/L	83	0.91	SW846 6010B	07/24-07/25/07	J29EF1CA
			Dilution Factor: 1						
			Analysis Time..: 17:41						

MS Lot-Sample #: D7G200178-005 **Prep Batch #...:** 7209154

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7G200178 **Matrix.....:** WG
Date Sampled...: 07/18/07 16:45 **Date Received..:** 07/20/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Mercury									
	0.038	5.00	4.96	ug/L	98		SW846 7470A	08/02-08/03/07	J29EF1CC
	0.038	5.00	5.10	ug/L	101	2.9	SW846 7470A	08/02-08/03/07	J29EF1CD

Dilution Factor: 1
Analysis Time..: 00:42

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7G200178 **Matrix.....:** WATER
Date Sampled...: 07/19/07 15:37 **Date Received..:** 07/21/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7G210163-012 **Prep Batch #...:** 7204497							
Selenium	90	(71 - 140)			SW846 6010B	07/24-07/25/07	J3C051DL
	92	(71 - 140)	2.1	(0-25)	SW846 6010B	07/24-07/25/07	J3C051DM
		Dilution Factor: 1					
		Analysis Time..: 18:27					
Barium	90	(85 - 120)			SW846 6010B	07/24-07/25/07	J3C051CL
	92	(85 - 120)	2.2	(0-25)	SW846 6010B	07/24-07/25/07	J3C051CM
		Dilution Factor: 1					
		Analysis Time..: 18:27					
Cadmium	95	(82 - 119)			SW846 6010B	07/24-07/25/07	J3C051CT
	97	(82 - 119)	1.9	(0-25)	SW846 6010B	07/24-07/25/07	J3C051CU
		Dilution Factor: 1					
		Analysis Time..: 18:27					
Chromium	87	(73 - 135)			SW846 6010B	07/24-07/25/07	J3C051CX
	89	(73 - 135)	2.1	(0-25)	SW846 6010B	07/24-07/25/07	J3C051C0
		Dilution Factor: 1					
		Analysis Time..: 18:27					
Silver	95	(75 - 141)			SW846 6010B	07/24-07/25/07	J3C051CE
	98	(75 - 141)	3.1	(0-25)	SW846 6010B	07/24-07/25/07	J3C051CF
		Dilution Factor: 1					
		Analysis Time..: 18:27					
Arsenic	91	(84 - 124)			SW846 6010B	07/24-07/25/07	J3C051CJ
	93	(84 - 124)	1.9	(0-25)	SW846 6010B	07/24-07/25/07	J3C051CK
		Dilution Factor: 1					
		Analysis Time..: 18:27					
Lead	78 N	(89 - 121)			SW846 6010B	07/24-07/25/07	J3C051DG
	79 N	(89 - 121)	1.8	(0-25)	SW846 6010B	07/24-07/25/07	J3C051DH
		Dilution Factor: 1					
		Analysis Time..: 18:27					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7G200178 **Matrix.....:** WATER
Date Sampled...: 07/19/07 15:37 **Date Received..:** 07/21/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7G210163-012 **Prep Batch #...:** 7204497									
Selenium									
	7.3	2000	1810	ug/L	90		SW846 6010B	07/24-07/25/07	J3C051DL
	7.3	2000	1850	ug/L	92	2.1	SW846 6010B	07/24-07/25/07	J3C051DM
			Dilution Factor: 1						
			Analysis Time..: 18:27						
Barium									
	38	2000	1850	ug/L	90		SW846 6010B	07/24-07/25/07	J3C051CL
	38	2000	1890	ug/L	92	2.2	SW846 6010B	07/24-07/25/07	J3C051CM
			Dilution Factor: 1						
			Analysis Time..: 18:27						
Cadmium									
	1.0	100	95.9	ug/L	95		SW846 6010B	07/24-07/25/07	J3C051CT
	1.0	100	97.7	ug/L	97	1.9	SW846 6010B	07/24-07/25/07	J3C051CU
			Dilution Factor: 1						
			Analysis Time..: 18:27						
Chromium									
	ND	200	175	ug/L	87		SW846 6010B	07/24-07/25/07	J3C051CX
	ND	200	179	ug/L	89	2.1	SW846 6010B	07/24-07/25/07	J3C051C0
			Dilution Factor: 1						
			Analysis Time..: 18:27						
Silver									
	ND	50.0	47.3	ug/L	95		SW846 6010B	07/24-07/25/07	J3C051CE
	ND	50.0	48.8	ug/L	98	3.1	SW846 6010B	07/24-07/25/07	J3C051CF
			Dilution Factor: 1						
			Analysis Time..: 18:27						
Arsenic									
	ND	1000	913	ug/L	91		SW846 6010B	07/24-07/25/07	J3C051CJ
	ND	1000	931	ug/L	93	1.9	SW846 6010B	07/24-07/25/07	J3C051CK
			Dilution Factor: 1						
			Analysis Time..: 18:27						
Lead									
	ND	500	389 N	ug/L	78		SW846 6010B	07/24-07/25/07	J3C051DG
	ND	500	396 N	ug/L	79	1.8	SW846 6010B	07/24-07/25/07	J3C051DH
			Dilution Factor: 1						
			Analysis Time..: 18:27						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

METHOD BLANK REPORT

General Chemistry

Client Lot #...: D7G200178 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids		Work Order #: J3TRT1AA		MB Lot-Sample #:	D7G230000-488	
	5.0 B	**10**	**mg/L**	**MCAWW 160.1**	**07/23/07**	**7204488**
		Dilution Factor: 1				
		Analysis Time..: 16:30				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Lot-Sample #...: D7G200178 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids		WO#:J3TRT1AC-LCS/J3TRT1AD-LCSD				LCS Lot-Sample#: D7G230000-488	
	103	(86 - 106)			MCAWW 160.1	07/23/07	7204488
	97	(86 - 106)	5.6	(0-20)	MCAWW 160.1	07/23/07	7204488

Dilution Factor: 1 Analysis Time..: 16:30

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: D7G200178 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids		WO#:J3TRT1AC-LCS/J3TRT1AD-LCSD				LCS Lot-Sample#: D7G230000-488		
	500	515	mg/L	103		MCAWW 160.1	07/23/07	7204488
	500	487	mg/L	97	5.6	MCAWW 160.1	07/23/07	7204488

Dilution Factor: 1 Analysis Time..: 16:30

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D7G200178 **Work Order #...:** J29DP-SMP J29DP-DUP **Matrix.....:** SO

Date Sampled...: 07/18/07 13:50 **Date Received..:** 07/20/07

% Moisture.....: 14

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture						SD Lot-Sample #:	D7G200178-001	
	14	14	%	0.0	(0-20)	MCAWW 160.3 MOD	07/25/07	7204395

Dilution Factor: 1 Analysis Time..: 09:30

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D7G200178 **Work Order #...:** J27KH-SMP J27KH-DUP **Matrix.....:** WATER

Date Sampled...: 07/18/07 13:05 **Date Received..:** 07/19/07

% Moisture.....: 0.0

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids						SD Lot-Sample #:	D7G190435-001	
	620 J	650	mg/L	4.9	(0-20)	MCAWW 160.1	07/23/07	7204488

Dilution Factor: 1 Analysis Time..: 16:30

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D7G200178 **Work Order #...:** J29EW-SMP **Matrix.....:** SO
J29EW-DUP

Date Sampled...: 07/19/07 09:10 **Date Received..:** 07/20/07

% Moisture.....: 14

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture						SD Lot-Sample #:	D7G200178-011	
	14	14	%	1.4	(0-20)	MCAWW 160.3 MOD	07/25/07	7206252

Dilution Factor: 1 Analysis Time..: 11:00

METHOD BLANK REPORT

Severn Trent Laboratories - Radiochemistry

Client Lot ID: D7G200178
Matrix: SOLID

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	RL	MDC		Prep Date	Lab Sample ID Analysis Date
TRITIUM (Distill) by EPA 906.0 MOD			**pCi/g**	**Batch #**	**7208296**	**Yld %**		**F7G270000-296B**
Tritium	-0.01	U	0.27	1.00	0.50		07/27/07	07/30/07

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined using instrument performance only
Bold results are greater than the MDC

U Result is less than the sample detection limit.

Laboratory Control Sample Report

Severn Trent Laboratories - Radiochemistry

Client Lot ID: D7G200178
Matrix: SOLID

Parameter	Spike Amount	Result	Total Uncert. (2 σ+/-)	MDC	% Yld	% Rec	Lab Sample ID QC Control Limits
TRITIUM (Distill) by EPA 906.0 MOD			**pCi/g**	**906.0 MOD**			**F7G270000-296C**
Tritium	17.0	15.2	1.7	0.5		89	(81 - 111)
	Batch #:	7208296		**Analysis Date:**	07/30/07		

NOTE(S)

MDC is determined by instrument performance only
Calculations are performed before rounding to avoid round-off error in calculated results

MATRIX SPIKE REPORT

Severn Trent Laboratories - Radiochemistry

Client Lot Id: D7G200178
Matrix: SO

Date Sampled: 07/18/07
Date Received: 07/20/07

Parameter	Spike Amount	Spike Result	Total Uncert. (2σ +/-)	Spike Yld.	Sample Result	Total Uncert. (2 σ +/-)	QC Sample ID %YLD	QC Sample ID %REC	QC Control Limits
TRITIUM (Distill) by EPA 906.0 MOD			**pCi/g**		**906.0 MOD**			**D7G200178-002**	
Tritium	16.9	16.3	1.8		-0.43	0.31		99	(62 - 126)
	Batch #:	7208296		Analysis Date:		07/30/07			

NOTE(S)

Data are incomplete without the case narrative.

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bhate Environmental Associates

Client Sample ID: OT32-SB12-15 DUP

Severn Trent Laboratories - Radiochemistry

Lab Sample ID: D7G200178-001X
Work Order: J29DP
Matrix: SO

Date Collected: 07/18/07 1350
Date Received: 07/20/07 0900

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	RL	MDC	Prep Date	Analysis Date
TRITIUM (Distill) by EPA 906.0 MOD			**pCi/g**			**Batch # 7208296**	**Yld %**
Tritium	-0.02	U	0.35	1.00	0.55	07/27/07	07/30/07

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.
Bold results are greater than the MDC
U Result is less than the sample detection limit.

DUPLICATE EVALUATION REPORT

Severn Trent Laboratories - Radiochemistry

Client Lot ID: D7G200178
Matrix: SOLID

Date Sampled: 07/18/07
Date Received: 07/20/07

Parameter	SAMPLE Result		Total Uncert. (2σ+/-)	% Yld	DUPLICATE Result		Total Uncert. (2 σ+/-)	% Yld	QC Sample ID Precision	
TRITIUM (Distill) by EPA 906.0 MOD				**pCi/g**	**906.0 MOD**				**D7G200178-001**	
Tritium	-0.15	U	0.31		-0.02	U	0.35		154	%RPD
	Batch #:		7208296 (Sample)		7208296 (Duplicate)					

NOTE(S)

Data are incomplete without the case narrative.
Calculations are performed before rounding to avoid round-off error in calculated results

U Result is less than the sample detection limit.

4.1 AB
7/20/07

BHA-TE
Environmental Associates, Inc.
1608 13th Avenue South, Suite 300
Birmingham, Alabama 35205
Tel: 205-918-4000
Fax: 205-918-4050

Chain of Custody and Analytical Request

Page 1 of 1 (Cooler 1.)

Project Number: 9050341

Chain of Custody Number (1): 1

LIMS Number:

Facility/Base I.D.: Holloman AFB

Project Name / Site Name: OT32, OT37

Client Name: USACE

Collected by: Bernard Wolfe, Chris McGraff, Derrick Berry

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOC 8260B	SVOC 8270C	TPH 8015M	TAL Metals 6010B/7471A	RCRA Metals 6010B/7471A	Tritium 906.0M	Perchlorates 6860	PCBs 8082	TDS 160.1	Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
OT32-SB12-15		18-July-2007	1350	10 - 15	N		SO	7	X	X	X	X		X							1
OT32-SB12-25		18-July-2007	1415	20 - 25	N		SO	7	X	X	X	X		X							1
OT32-SB11-15		18-July-2007	1550	10 - 15	N		SO	7	X	X	X	X		X							1
OT32-SB11-25		18-July-2007	1600	20 - 25	N		SO	7	X	X	X	X		X							1
OT37-MW07		18-July-2007	1645	-	N		WG	10	X	X			X		X	X	X				2
OT37-MW07-a		18-July-2007	1645	-	FD		WG	10	X	X			X		X	X	X				2
OT37-MW07-MS		18-July-2007	1645	-	MS		WG	10	X	X			X		X	X	X				3
OT37-MW07-MSD		18-July-2007	1645	-	SD		WG	10	X	X			X		X	X	X				3
Trip Blank-Cooler 1		19-July-2007		-	TB		WQ	2	X												1
Trip Blank-Cooler 2		19-July-2007		-	TB		WQ	2	X												2
Trip Blank-Cooler 3		19-July-2007		-	TB		WQ	2	X												3

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1. [signature]	7/19/07	1500	1. [signature]	7/20/07	0900
2.			2.		
3.			3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab: _____ Shipped No.: _____
Method of Shipment: _____ Airbill Number: _____
Analytical Lab: _____ Delivery Location: _____
Lab Recipient: _____ Delivery Date/Time: _____

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)
2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)
3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)
4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc.), SQ = Soil Blanks
5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.
6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control)

DISTRIBUTION: WHITE COPY - Project File YELLOW COPY - Lab Copy PINK COPY - Working File

2.3° IR2 7/20/07

BHATE Environmental Associates, Inc.

1608 13th Avenue South, Suite 300
Birmingham, Alabama 35205
Tel: 205-918-4000
Fax: 205-918-4050

Chain of Custody and Analytical Request

Page 1 of 1 (Cooler 2)

Project Number: 9050361

Chain of Custody Number [1]: 1

LIMS Number:

Facility/Base I.D.: Holloman AFB

Project Name / Site Name: OT32, OT37

Client Name: USACE

Collected by: Bernard Wolfe, Chris McGriff, Derrick Berry

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code [2]	Sample Number [3]	Sample Matrix [4]	Number of containers	VOC 8260B	SVOC 8270C	TPH 8015M	TAL Metals 6010B/7471A	RCRA Metals 6010B/7471A	Nitrate 300.0	Perchlorates 6860	PCBs 8082	TDS 160.1	Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
OT32-SB12-15		18-July-2007	1350	10 - 15	N		SO	7	X	X	X	X		X							1
OT32-SB12-25		18-July-2007	1415	20 - 25	N		SO	7	X	X	X	X		X							1
OT32-SB11-15		18-July-2007	1550	10 - 15	N		SO	7	X	X	X	X		X							1
OT32-SB11-25		18-July-2007	1600	20 - 25	N		SO	7	X	X	X	X		X							1
OT37-MW07		18-July-2007	1645	-	N		WG	10	X	X			X		X	X	X				2
OT37-MW07-a		18-July-2007	1645	-	FD		WG	10	X	X			X		X	X	X				2
OT37-MW07-MS		18-July-2007	1645	-	MS		WG	10	X	X			X		X	X	X				3
OT37-MW07-MSD		18-July-2007	1645	-	SD		WG	10	X	X			X		X	X	X				3
Trip Blank-Cooler 1		19-July-2007		-	TB		WQ	2	X												1
Trip Blank-Cooler 2		19-July-2007		-	TB		WQ	2	X												2
Trip Blank-Cooler 3		19-July-2007		-	TB		WQ	2	X												3

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1. [signature]	7/19/07	1500	1. [signature]	7/20/07	0900
2.			2.		
3.			3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab: _____ Shipped No.: _____

Method of Shipment: _____ Airbill Number: _____

Analytical Lab: _____ Delivery Location: _____

Lab Recipient: _____ Delivery Date/Time: _____

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)

2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)

3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)

4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc.), SQ = Soil Blanks

5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.

6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control)

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Tel: 205-918-4000
Fax: 205-918-4050

Chain of Custody and Analytical Request

Page 1 of 1 (Cooler 3)

Project Number: 9050361

Chain of Custody Number (1): 1

LIMS Number:

Facility/Base I.D.: Holloman AFB

Project Name / Site Name: OT32, OT37

Client Name: USACE

Collected by: Bernard Wolfe, Craig McCraff, Derrick Berry

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOC 8260B	SVOC 8270C	TPH 8015M	TAL Metals 6010B/7471A	RCRA Metals 6010B/7471A	Tetraethyl Lead 9010, DM	Pesticides 8260C	PCBs 8082	TDS 160.1	Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
OT32-SB12-15		18-July-2007	1350	10 - 15	N		SO	7	X	X	X	X		X							1
OT32-SB12-25		18-July-2007	1415	20 - 25	N		SO	7	X	X	X	X		X							1
OT32-SB11-15		18-July-2007	1550	10 - 15	N		SO	7	X	X	X	X		X							1
OT32-SB11-25		18-July-2007	1600	20 - 25	N		SO	7	X	X	X	X		X							1
OT37-MW07		18-July-2007	1645	-	N		WG	10	X	X			X		X	X	X				2
OT37-MW07-a		18-July-2007	1645	-	FD		WG	10	X	X			X		X	X	X				2
OT37-MW07-MS		18-July-2007	1645	-	MS		WG	10	X	X			X		X	X	X				3
OT37-MW07-MSD		18-July-2007	1645	-	SD		WG	10	X	X			X		X	X	X				3
Trip Blank-Cooler 1		19-July-2007		-	TB		WQ	2	X												1
Trip Blank-Cooler 2		19-July-2007		-	TB		WQ	2	X												2
Trip Blank-Cooler 3		19-July-2007		-	TB		WQ	2	X												3

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1. [signature]	7/19/07	1500	1. [signature]	7/20/07	0900
2.			2.		
3.			3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab: _____ Shipped No.: _____
Method of Shipment: _____ Airbill Number: _____
Analytical Lab: _____ Delivery Location: _____
Lab Recipient: _____ Delivery Date/Time: _____

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)
2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)
3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)
4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc.), SQ = Soil Blanks
5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.
6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control)

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Tel: 205-918-4000
Fax: 205-918-4050

Chain of Custody and Analytical Request

Page 1 of 1 (Cooler)

Project Number: 9050361

Chain of Custody Number (1): 2

LIMS Number:

Facility/Base I.D.: Holloman AFB

Project Name / Site Name: OT32, OT37

Client Name: USACE

Collected by: Bernard Wolfe, Craig McGriff, Derrick Berry

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOC 8260B	SVOC 8270C	TPH 8015M	TAL Metals 6010B/7471	RCRA Metals 6010B/7471	Tritium 906.0M	Perchlorate 6260	PCBs 8082	TDS 160.1	Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
OT37-MW08		19-July-2007	0915	-	N		WG	10	X	X			X		X	X	X				
OT32-SB10-15		19-July-2007	0910	10 - 15	N		SO	7	X	X	X	X		X							5
OT32-SB10-25		19-July-2007	0920	20 - 25	N		SO	7	X	X	X	X		X							4
OT32-SB09-15		19-July-2007	1030	10 - 15	N		SO	7	X	X	X	X		X							4
OT32-SB09-25		19-July-2007	1040	20 - 25	N		SO	7	X	X	X	X		X							4
Trip Blank-Cooler 4		19-July-2007		-	TB		WQ	2	X												4
Trip Blank-Cooler 5		19-July-2007		-	TB		WQ	2	X												5
				-																	
				-																	
				-																	
				-																	

Sample Analysis Requested (5) — Quality Assurance Samples (6)

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1. [signature]	7/19/07	1500	1. [signature]	7/20/07	0900
2.			2.		
3.			3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab: _____ Shipped No.: _____
Method of Shipment: _____ Airbill Number: _____
Analytical Lab: _____ Delivery Location: _____
Lab Recipient: _____ Delivery Date/Time: _____

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)
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3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)
4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc.), SQ = Soil Blanks
5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.
6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control)

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Chain of Custody and Analytical Request

Page 1 of 1 (Coolers)

Project Number: 9050361

Chain of Custody Number [1]: 2

LIMS Number:

Facility/Base I.D.: Holloman AFB

Project Name / Site Name: OT32, OT37

Client Name: USACE

Collected by: Bernard Wolfe, Craig McGuff, Derrick Berry

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code [2]	Sample Number [3]	Sample Matrix [4]	Number of containers	VOC 8260B	SVOC 8270C	TPH 8015M	TAL Metals 6000/7471A	RCRA Metals 6000/7471A	Tritium 906.0M	Perchlorate 6260	PCBs 8082	TDS 160.1	Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
OT37-MW08		19-July-2007	0915	-	N		WG	10	X	X			X		X	X	X				5
OT32-SB10-15		19-July-2007	0910	10 - 15	N		SO	7	X	X	X	X		X							4
OT32-SB10-25		19-July-2007	0920	20 - 25	N		SO	7	X	X	X	X		X							4
OT32-SB09-15		19-July-2007	1030	10 - 15	N		SO	7	X	X	X	X		X							4
OT32-SB09-25		19-July-2007	1040	20 - 25	N		SO	7	X	X	X	X		X							4
Trip Blank-Cooler 4		19-July-2007		-	TB		WQ	2	X												4
Trip Blank-Cooler 5		19-July-2007		-	TB		WQ	2	X												5
				-																	
				-																	
				-																	
				-																	

Sample Analysis Requested [5]

Quality Assurance Samples [6]

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

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2.			2.		
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Sample Delivery Details / Laboratory Receipt

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Method of Shipment: _____ Airbill Number: _____
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ANALYTICAL REPORT

Holloman AFB, NM

Lot D7G210163

Marcia Olive

Bhate Environmental Associates, Inc.
445 Union Blvd.
Suite 129
Lakewood, CO 80226

TestAmerica DENVER

Michael P. Phillips
Project Manager

August 8, 2007

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Table Of Contents

Standard Deliverables

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Standard Deliverables *The **Cover Letter** and the **Report Cover** page are considered integral parts of this Standard Deliverable package. This report is incomplete unless all pages indicated in this Table of Contents are included.*	

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- **Case Narrative**
- **Executive Summary – Detection Highlights**
- **Methods Summary**
- **Method/Analyst Summary**
- **Lot Sample Summary**
- **Analytical Results**
- **QC Data Association Summary**
- **QC Evaluation and/or Data Reports**
- **Chain-of-Custody**

CASE NARRATIVE
D7G210163

The following report contains the analytical results for thirteen solid samples, seven water samples, and six trip blanks submitted to TestAmerica Denver by Bhate Environmental Associates, Inc. from the Holloman AFB Site. The samples were received July 21, 2007, according to documented sample acceptance procedures.

Dilution factors and footnotes have been provided on each data sheet to assist in the interpretation of the results. In some cases, due to interferences or analytes present above the linear calibration curve, samples must be analyzed at a dilution. For samples analyzed at a dilution, the reporting limits are adjusted relative to the dilution required. Dilutions made for reasons other than the presence of target compound(s) are addressed in the Supplemental Information Section.

TestAmerica Denver utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameters listed on the methods summary page in accordance with the methods indicated. A summary of QC data for these analyses is included near the end of the report.

The results included in this report have been reviewed for compliance with the laboratory QA/QC plan and meet all requirements of NELAC. All data have been found to be compliant with laboratory protocol, with the exception of any items noted below.

Supplemental QC Information

Sample Arrival and Receipt

The samples presented in this report were received at the laboratory in good condition and at temperatures of 1.6°C, 0.3°C, 5.0°C, 4.2°C, 1.5°C, 2.8°C, 0.7°C, and 0.7°C.

Cooler #3 arrived without a trip blank although Trip Blank-Cooler 3 was shown on the chain-of-custody. The client was informed on July 23, 2007.

No other anomalies were observed.

GC/MS Volatiles, SW846 Method 8260B

Methylene chloride was detected in the Trip Blank-Cooler 1, 4, 6, and 7 at a concentration below the project established reporting limit.

Acetone and Methylene chloride were detected in the Trip Blank-Cooler 2 at concentrations below the project established reporting limit.

The Trip Blanks associated with Cooler 5 contained no detectable concentrations of the target analytes.

Trichloroethene was detected in the Method Blank associated with batch 7209112 at a concentration below the project established reporting limit. No corrective action is taken for any values in Method Blanks that are below the requested reporting limits.

MS/MSD analyses were performed using sample OT32-SB07-25 for batch 7209112, as requested, and exhibited MS and/or MSD recoveries outside the control limits for twenty-five compounds. Because the corresponding Laboratory Control Samples and the Method Blank samples were within control limits, these anomalies may be due to matrix interference and no corrective action was taken.

MS/MSD analyses were performed using sample OT32-SB05-25 for batch 7209112, as requested, and exhibited recoveries and relative percent differences outside the control limits for thirteen compounds. Because the corresponding Laboratory Control Samples and the Method Blank samples were within control limits, these anomalies may be due to matrix interference and no corrective action was taken.

MS/MSD analyses were performed using sample OT32-SB08-20-D for batch 7211594, as requested, and exhibited MS and/or MSD recoveries outside the control limits for six compounds. Because the corresponding Laboratory Control Samples and the Method Blank samples were within control limits, these anomalies may be due to matrix interference and no corrective action was taken.

The Continuing Calibration Verification (CCV) standard associated with samples D7G210163-009 through 18, and 024 through 026 in batches 7211571 and 7211594 exhibited %Difference (%D) values out of range for 2-Butanone, Trichloroethene, and Vinyl Acetate. STL Denver's SOP indicates that for non-CCC compounds drift must be ≤35%D with a maximum of six outliers allowed. As there is only three outliers, method and SOP criteria have been met and corrective action is deemed unnecessary.

No other anomalies were observed.

GC/MS Semivolatiles, SW846 Method 8270C

MS/MSD analyses were performed using a sample from another client and or lot in batch 7204177, exhibited recoveries and/or relative percent differences outside the control limits for six compounds. Because the corresponding Laboratory Control Samples and the Method Blank samples were within control limits, these anomalies may be due to matrix interference and no corrective action was taken.

MS/MSD analyses were performed using sample OT32-SB05-25 for batch 7205085, as requested, and all results were in control.

MS/MSD analyses were also performed using sample OT32-SB07-25 for batch 7211664, as requested, and all results were in control.

No other anomalies were observed.

GRO/TVPH, SW846 Method 8015B

No anomalies were observed.

DRO/ORO/TEPH, SW846 Method 8015B

DRO/TEPH was detected in the Method Blank associated with QC batch 7204330 at a concentration below the project established reporting limit. No corrective action is taken for any values in Method Blanks that are below the requested reporting limits.

No other anomalies were observed.

PCBs, SW846 Method 8082

No anomalies were observed.

Perchlorate, SW846 Method 6860

Each sample is analyzed to achieve the lowest possible reporting limits within the constraints of the method. Due to analytes present above the linear calibration range, samples OT37-MW09 and OT37-MW10 were analyzed at dilutions. The reporting limits have been adjusted relative to the dilution required.

Laboratory generated matrix spike analysis data have been provided. The MS/MSD associated with batch 7213214 exhibited spike compound recoveries outside the QC limits. The acceptable LCS analysis data indicated that the analytical system was operating within control; therefore, corrective action is deemed unnecessary.

No other anomalies were observed.

Total Metals, SW846 Methods 6010B/7470A/7471A

Calcium, Iron, and Zinc were detected in the Method Blank associated with batch 7204497 and Calcium was detected in the Method Blank associated with batch 7205124 at concentrations below the project established reporting limits. No corrective action is taken for any values in Method Blanks that are below the requested reporting limits.

Mercury was detected in the Method Blank associated with batch 7209154 at concentrations below the project established reporting limits. No corrective action is taken for any values in Method Blanks that are below the requested reporting limits.

Zinc was detected in the Continuing Calibration Blank associated with batch 7204497 at concentrations greater than the project established reporting limits. The results for Zinc in the associated samples are all less than the RL, indicating that the samples were not significantly contaminated during preparation and analysis, and therefore the results are reported and no corrective action is taken

MS/MSD analyses were performed using sample OT32-TMW12 for batch 7204497, as requested, exhibited recoveries outside the control limits forAluminum, Nickel, Lead, and Thallium. The percent recoveries and RPD data could not be calculated for Calcium, Magnesium, and Sodium due to the sample concentrations reading greater than four times the spike amounts. Because the corresponding Laboratory Control Samples and the Method Blank samples were within control limits, these anomalies may be due to matrix interference and no corrective action was taken.

MS/MSD analyses were performed using sample OT32-SB07-25 for batch 7205124, as requested and exhibited percent recoveries and RPD data that could not be calculated for Aluminum, Calcium, and Iron due to the sample concentrations reading greater than four times the spike amounts. Because the corresponding Laboratory Control Samples and the Method Blank samples were within control limits, these anomalies may be due to matrix interference and no corrective action was taken.

MS/MSD analyses were performed using sample OT32-SB05-25 for batch 7207202, as requested and exhibited percent recoveries and RPD data that could not be calculated for Aluminum, Calcium, and Iron due to the sample concentrations reading greater than four times the spike amounts. Because the corresponding Laboratory Control Samples and the Method Blank samples were within control limits, these anomalies may be due to matrix interference and no corrective action was taken.

Additional MS/MSD analyses were performed using a sample from another client and/or lot and exhibited recoveries outside the control limits for Lead and Thallium. Because the corresponding Laboratory Control Samples and the Method Blank samples were within control limits, these anomalies may be due to matrix interference and no corrective action was taken.

No other anomalies were observed.

Total Dissolved Solids and Percent Moisture – MCAWW 160.1 and 160.3MOD

Each sample is analyzed to achieve the lowest possible reporting limit within the constraints of the method. Due to high constituent concentrations, samples OT32-TMW12, OT32-TMW11, OT37-MW09, OT37-MW10, OT32-TMW10, and OT32-TMW09 had to be analyzed at dilutions for Total Dissolved Solids. The reporting limits have been adjusted relative to the dilutions required.

A low level of Total Dissolved Solids is present in the Method Blank and Field Blanks associated with QC batch 7206637. Because the concentration in the Method Blank and Field Blanks is present at a level less than 10X the amount present in the samples, corrective action is deemed unnecessary. The associated samples were reanalyzed and confirmed results outside of hold times. Only the original data has been reported.

The LCS associated with batch 7206637 exhibited a percent recovery above the QC limit for Total Dissolved Solids. This is an indicator that data may be biased high. As the detectable concentrations of Total Dissolved Solids are present in the associated samples at concentrations greater than 10X reporting limits, the results were deemed accepted. The associated samples were reanalyzed and confirmed results outside of hold times. Only the original data has been reported.

No other anomalies were observed.

Tritium – EPA 906.0 MOD

A low level of Tritium is present in the solid method blank associated with QC batch 7211295. Because the concentration in the method blank is not present at a level greater than the reporting limit, corrective action is deemed unnecessary. All samples results were non-detect.

No other anomalies were observed.

EXECUTIVE SUMMARY - Detection Highlights

D7G210163

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
0T32-SB04-15 07/20/07 14:00 001				
Diesel Range Organics (C10-C22	2.1 J,B	4.9	mg/kg	SW846 8015B
Aluminum	6400	12	mg/kg	SW846 6010B
Arsenic	1.4 B	2.4	mg/kg	SW846 6010B
Barium	26	1.2	mg/kg	SW846 6010B
Beryllium	0.30 B	0.61	mg/kg	SW846 6010B
Calcium	210000 J	61	mg/kg	SW846 6010B
Cadmium	0.064 B	0.61	mg/kg	SW846 6010B
Cobalt	1.6	1.2	mg/kg	SW846 6010B
Chromium	7.4	1.8	mg/kg	SW846 6010B
Copper	3.0	2.4	mg/kg	SW846 6010B
Iron	5800	18	mg/kg	SW846 6010B
Potassium	1500	370	mg/kg	SW846 6010B
Magnesium	4000	24	mg/kg	SW846 6010B
Manganese	94	1.2	mg/kg	SW846 6010B
Sodium	1700	610	mg/kg	SW846 6010B
Nickel	4.5 B	4.9	mg/kg	SW846 6010B
Lead	3.7	0.98	mg/kg	SW846 6010B
Vanadium	12	2.4	mg/kg	SW846 6010B
Zinc	15	3.7	mg/kg	SW846 6010B
Trichloroethene	0.38 J,B	5.9	ug/kg	SW846 8260B
Percent Moisture	18	0.10	%	MCAWW 160.3 MOD
0T32-SB04-25 07/20/07 14:15 002				
Diesel Range Organics (C10-C22	2.1 J,B	5.1	mg/kg	SW846 8015B
Gasoline Range Organics	0.48 J	1.5	mg/kg	SW846 8015B
Aluminum	7400	13	mg/kg	SW846 6010B
Arsenic	3.0	2.6	mg/kg	SW846 6010B
Barium	19	1.3	mg/kg	SW846 6010B
Beryllium	0.31 B	0.64	mg/kg	SW846 6010B
Calcium	140000 J	64	mg/kg	SW846 6010B
Cobalt	1.8	1.3	mg/kg	SW846 6010B
Chromium	7.0	1.9	mg/kg	SW846 6010B
Copper	2.6	2.6	mg/kg	SW846 6010B
Iron	7300	19	mg/kg	SW846 6010B
Potassium	1700	390	mg/kg	SW846 6010B
Magnesium	3300	26	mg/kg	SW846 6010B
Manganese	37	1.3	mg/kg	SW846 6010B
Sodium	770	640	mg/kg	SW846 6010B
Nickel	4.6 B	5.1	mg/kg	SW846 6010B
Lead	2.9	1.0	mg/kg	SW846 6010B

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EXECUTIVE SUMMARY - Detection Highlights

D7G210163

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
0T32-SB04-25 07/20/07 14:15 002				
Vanadium	18	2.6	mg/kg	SW846 6010B
Zinc	14	3.9	mg/kg	SW846 6010B
Trichloroethene	0.30 J,B	5.7	ug/kg	SW846 8260B
Percent Moisture	22	0.10	%	MCAWW 160.3 MOD
0T32-SB04-25A 07/20/07 14:15 003				
Diesel Range Organics (C10-C22	2.1 J,B	5.1	mg/kg	SW846 8015B
Gasoline Range Organics	0.48 J	1.5	mg/kg	SW846 8015B
Cobalt	1.1 B	1.3	mg/kg	SW846 6010B
Chromium	4.7	1.9	mg/kg	SW846 6010B
Copper	1.8 B	2.5	mg/kg	SW846 6010B
Iron	4600	19	mg/kg	SW846 6010B
Potassium	990	380	mg/kg	SW846 6010B
Magnesium	2100	25	mg/kg	SW846 6010B
Manganese	33	1.3	mg/kg	SW846 6010B
Sodium	520 B	630	mg/kg	SW846 6010B
Nickel	2.7 B	5.1	mg/kg	SW846 6010B
Lead	2.0	1.0	mg/kg	SW846 6010B
Aluminum	4300	13	mg/kg	SW846 6010B
Arsenic	2.7	2.5	mg/kg	SW846 6010B
Barium	39	1.3	mg/kg	SW846 6010B
Calcium	130000 J	63	mg/kg	SW846 6010B
Vanadium	15	2.5	mg/kg	SW846 6010B
Zinc	9.6	3.8	mg/kg	SW846 6010B
Percent Moisture	21	0.10	%	MCAWW 160.3 MOD
0T32-SB08-20 07/19/07 13:15 004				
Diesel Range Organics (C10-C22	2.0 J,B	4.8	mg/kg	SW846 8015B
Gasoline Range Organics	0.47 J	1.4	mg/kg	SW846 8015B
Aluminum	5200	12	mg/kg	SW846 6010B
Arsenic	1.2 B	2.4	mg/kg	SW846 6010B
Barium	46	1.2	mg/kg	SW846 6010B
Beryllium	0.23 B	0.60	mg/kg	SW846 6010B
Calcium	180000 J	60	mg/kg	SW846 6010B
Cadmium	0.059 B	0.60	mg/kg	SW846 6010B
Cobalt	1.7	1.2	mg/kg	SW846 6010B
Chromium	5.7	1.8	mg/kg	SW846 6010B

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EXECUTIVE SUMMARY - Detection Highlights

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PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
0T32-SB08-20 07/19/07 13:15 004				
Copper	2.8	2.4	mg/kg	SW846 6010B
Iron	4500	18	mg/kg	SW846 6010B
Potassium	1200	360	mg/kg	SW846 6010B
Magnesium	2600	24	mg/kg	SW846 6010B
Manganese	78	1.2	mg/kg	SW846 6010B
Sodium	1300	600	mg/kg	SW846 6010B
Nickel	4.1 B	4.8	mg/kg	SW846 6010B
Lead	3.0	0.96	mg/kg	SW846 6010B
Vanadium	10	2.4	mg/kg	SW846 6010B
Zinc	12	3.6	mg/kg	SW846 6010B
Percent Moisture	17	0.10	%	MCAWW 160.3 MOD
0T32-SB08-30 07/19/07 13:30 005				
Diesel Range Organics (C10-C22	2.1 J,B	5.1	mg/kg	SW846 8015B
Gasoline Range Organics	0.52 J	1.5	mg/kg	SW846 8015B
Aluminum	11000	13	mg/kg	SW846 6010B
Arsenic	1.5 B	2.6	mg/kg	SW846 6010B
Barium	32	1.3	mg/kg	SW846 6010B
Beryllium	0.53 B	0.64	mg/kg	SW846 6010B
Calcium	150000 J	64	mg/kg	SW846 6010B
Cadmium	0.085 B	0.64	mg/kg	SW846 6010B
Cobalt	3.5	1.3	mg/kg	SW846 6010B
Chromium	11	1.9	mg/kg	SW846 6010B
Copper	4.8	2.6	mg/kg	SW846 6010B
Iron	8700	19	mg/kg	SW846 6010B
Potassium	2200	380	mg/kg	SW846 6010B
Magnesium	4700	26	mg/kg	SW846 6010B
Manganese	120	1.3	mg/kg	SW846 6010B
Sodium	810	640	mg/kg	SW846 6010B
Nickel	8.1	5.1	mg/kg	SW846 6010B
Lead	5.0	1.0	mg/kg	SW846 6010B
Vanadium	19	2.6	mg/kg	SW846 6010B
Zinc	27	3.8	mg/kg	SW846 6010B
Percent Moisture	22	0.10	%	MCAWW 160.3 MOD

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EXECUTIVE SUMMARY - Detection Highlights

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PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
0T32-SB08-30A 07/19/07 13:30 006				
Diesel Range Organics (C10-C22	2.3 J,B	5.7	mg/kg	SW846 8015B
Gasoline Range Organics	0.51 J	1.7	mg/kg	SW846 8015B
Aluminum	11000	14	mg/kg	SW846 6010B
Arsenic	1.8 B	2.9	mg/kg	SW846 6010B
Barium	55	1.4	mg/kg	SW846 6010B
Beryllium	0.58 B	0.72	mg/kg	SW846 6010B
Calcium	140000 J	72	mg/kg	SW846 6010B
Cobalt	3.8	1.4	mg/kg	SW846 6010B
Chromium	12	2.2	mg/kg	SW846 6010B
Copper	5.2	2.9	mg/kg	SW846 6010B
Iron	9900	22	mg/kg	SW846 6010B
Potassium	2300	430	mg/kg	SW846 6010B
Magnesium	5000	29	mg/kg	SW846 6010B
Manganese	120	1.4	mg/kg	SW846 6010B
Sodium	920	720	mg/kg	SW846 6010B
Nickel	9.0	5.7	mg/kg	SW846 6010B
Lead	5.3	1.1	mg/kg	SW846 6010B
Vanadium	19	2.9	mg/kg	SW846 6010B
Zinc	26	4.3	mg/kg	SW846 6010B
Percent Moisture	30	0.10	%	MCAWW 160.3 MOD
0T32-SB07-10 07/19/07 15:15 007				
Diesel Range Organics (C10-C22	2.0 J,B	4.6	mg/kg	SW846 8015B
Gasoline Range Organics	0.48 J	1.4	mg/kg	SW846 8015B
Aluminum	4800	12	mg/kg	SW846 6010B
Arsenic	1.3 B	2.3	mg/kg	SW846 6010B
Barium	34	1.2	mg/kg	SW846 6010B
Beryllium	0.23 B	0.58	mg/kg	SW846 6010B
Calcium	150000 J	58	mg/kg	SW846 6010B
Cadmium	0.067 B	0.58	mg/kg	SW846 6010B
Cobalt	1.4	1.2	mg/kg	SW846 6010B
Chromium	5.3	1.7	mg/kg	SW846 6010B
Copper	2.3	2.3	mg/kg	SW846 6010B
Iron	4100	17	mg/kg	SW846 6010B
Potassium	1200	350	mg/kg	SW846 6010B
Magnesium	2400	23	mg/kg	SW846 6010B
Manganese	66	1.2	mg/kg	SW846 6010B
Sodium	1000	580	mg/kg	SW846 6010B
Nickel	3.6 B	4.6	mg/kg	SW846 6010B
Lead	2.7	0.93	mg/kg	SW846 6010B

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EXECUTIVE SUMMARY - Detection Highlights

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PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
0T32-SB07-10 07/19/07 15:15 007				
Vanadium	10	2.3	mg/kg	SW846 6010B
Zinc	11	3.5	mg/kg	SW846 6010B
Percent Moisture	14	0.10	%	MCAWW 160.3 MOD
0T32-SB07-25 07/19/07 15:30 008				
Diesel Range Organics (C10-C22	2.2 J,B	5.5	mg/kg	SW846 8015B
Gasoline Range Organics	0.52 J	1.6	mg/kg	SW846 8015B
Aluminum	1500	14	mg/kg	SW846 6010B
Arsenic	1.0 B	2.7	mg/kg	SW846 6010B
Barium	15	1.4	mg/kg	SW846 6010B
Calcium	220000 J	69	mg/kg	SW846 6010B
Cobalt	0.48 B	1.4	mg/kg	SW846 6010B
Chromium	1.8 B	2.1	mg/kg	SW846 6010B
Copper	2.1 B	2.7	mg/kg	SW846 6010B
Iron	1200	21	mg/kg	SW846 6010B
Potassium	350 B	410	mg/kg	SW846 6010B
Magnesium	1200	27	mg/kg	SW846 6010B
Manganese	58	1.4	mg/kg	SW846 6010B
Sodium	830	690	mg/kg	SW846 6010B
Nickel	1.4 B	5.5	mg/kg	SW846 6010B
Lead	1.7	1.1	mg/kg	SW846 6010B
Vanadium	3.6	2.7	mg/kg	SW846 6010B
Zinc	4.5	4.1	mg/kg	SW846 6010B
Percent Moisture	27	0.10	%	MCAWW 160.3 MOD
TRIP BLANK-COOLER 1 07/20/07 009				
Methylene chloride	0.36 J	5.0	ug/L	SW846 8260B
TRIP BLANK-COOLER 2 07/20/07 010				
Acetone	5.3 J	10	ug/L	SW846 8260B
Methylene chloride	0.37 J	5.0	ug/L	SW846 8260B

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EXECUTIVE SUMMARY - Detection Highlights

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PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
0T32-SB08-20-D 07/19/07 13:05 011				
Calcium	72 B,J	200	ug/L	SW846 6010B
Sodium	350 B	1000	ug/L	SW846 6010B
Zinc	5.9 B,J	20	ug/L	SW846 6010B
Total Dissolved Solids	22 J	10	mg/L	MCAWW 160.1
0T32-TMW12 07/19/07 15:37 012				
Mercury	0.039 B,J	0.20	ug/L	SW846 7470A
Barium	38	10	ug/L	SW846 6010B
Calcium	770000 J	200	ug/L	SW846 6010B
Cadmium	1.0 B	5.0	ug/L	SW846 6010B
Cobalt	4.1 B	10	ug/L	SW846 6010B
Potassium	6800	3000	ug/L	SW846 6010B
Magnesium	510000	200	ug/L	SW846 6010B
Manganese	260	10	ug/L	SW846 6010B
Sodium	2300000	1000	ug/L	SW846 6010B
Selenium	7.3 B	15	ug/L	SW846 6010B
Vanadium	15	10	ug/L	SW846 6010B
Zinc	7.4 B,J	20	ug/L	SW846 6010B
bis(2-Ethylhexyl) phthalate	1.3 J	10	ug/L	SW846 8270C
Chloroform	2.6	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	0.46 J	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	0.38 J	1.0	ug/L	SW846 8260B
Total Dissolved Solids	12000 J,Q	50	mg/L	MCAWW 160.1
0T32-TMW11 07/20/07 09:22 013				
Mercury	0.036 B,J	0.20	ug/L	SW846 7470A
Arsenic	8.7 B	15	ug/L	SW846 6010B
Barium	28	10	ug/L	SW846 6010B
Calcium	740000 J	200	ug/L	SW846 6010B
Cadmium	0.90 B	5.0	ug/L	SW846 6010B
Cobalt	1.2 B	10	ug/L	SW846 6010B
Iron	37 B,J	100	ug/L	SW846 6010B
Potassium	3600	3000	ug/L	SW846 6010B
Magnesium	440000	200	ug/L	SW846 6010B

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EXECUTIVE SUMMARY - Detection Highlights

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PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
0T32-TMW11 07/20/07 09:22 013				
Manganese	69	10	ug/L	SW846 6010B
Sodium	2400000	1000	ug/L	SW846 6010B
Vanadium	27	10	ug/L	SW846 6010B
Zinc	6.1 B,J	20	ug/L	SW846 6010B
Hexachloroethane	2.3 J	10	ug/L	SW846 8270C
Hexachlorobutadiene	2.5 J	10	ug/L	SW846 8270C
Total Dissolved Solids	11000 J,Q	50	mg/L	MCAWW 160.1
0T37-MW09 07/19/07 16:35 014				
Perchlorate	1.3	0.50	ug/L	SW846 6860
Mercury	0.037 B,J	0.20	ug/L	SW846 7470A
Arsenic	6.0 B	15	ug/L	SW846 6010B
Barium	49	10	ug/L	SW846 6010B
Cadmium	0.74 B	5.0	ug/L	SW846 6010B
bis(2-Ethylhexyl) phthalate	2.4 J	10	ug/L	SW846 8270C
Acetone	3.2 J	10	ug/L	SW846 8260B
Chloroform	6.6	1.0	ug/L	SW846 8260B
Total Dissolved Solids	5200 J,Q	20	mg/L	MCAWW 160.1
0T37-MW10 07/20/07 08:30 015				
Perchlorate	6.7	2.0	ug/L	SW846 6860
Mercury	0.039 B,J	0.20	ug/L	SW846 7470A
Arsenic	6.0 B	15	ug/L	SW846 6010B
Barium	67	10	ug/L	SW846 6010B
Cadmium	1.1 B	5.0	ug/L	SW846 6010B
Selenium	10 B	15	ug/L	SW846 6010B
bis(2-Ethylhexyl) phthalate	2.5 J	10	ug/L	SW846 8270C
Bromodichloromethane	0.59 J	1.0	ug/L	SW846 8260B
Chloroform	2.1	1.0	ug/L	SW846 8260B
Total Dissolved Solids	16000 J,Q	50	mg/L	MCAWW 160.1

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EXECUTIVE SUMMARY - Detection Highlights

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PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
TRIP BLANK-COOLER 4 07/20/07 016				
Methylene chloride	0.35 J	5.0	ug/L	SW846 8260B
0T32-TMW10 07/20/07 11:00 017				
Mercury	0.038 B,J	0.20	ug/L	SW846 7470A
Barium	100	10	ug/L	SW846 6010B
Calcium	870000 J	200	ug/L	SW846 6010B
Cadmium	1.2 B	5.0	ug/L	SW846 6010B
Cobalt	4.6 B	10	ug/L	SW846 6010B
Copper	54	15	ug/L	SW846 6010B
Iron	29 B,J	100	ug/L	SW846 6010B
Potassium	17000	3000	ug/L	SW846 6010B
Magnesium	570000	200	ug/L	SW846 6010B
Manganese	660	10	ug/L	SW846 6010B
Sodium	3200000	1000	ug/L	SW846 6010B
Nickel	8.8 B	40	ug/L	SW846 6010B
Selenium	8.2 B	15	ug/L	SW846 6010B
Vanadium	6.6 B	10	ug/L	SW846 6010B
Zinc	69 J	20	ug/L	SW846 6010B
bis(2-Ethylhexyl) phthalate	2.6 J	10	ug/L	SW846 8270C
Acetone	41	10	ug/L	SW846 8260B
2-Butanone (MEK)	3.2 J	6.0	ug/L	SW846 8260B
Chloroform	6.0	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	0.27 J	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	0.24 J	1.0	ug/L	SW846 8260B
Toluene	0.19 J	1.0	ug/L	SW846 8260B
4-Isopropyltoluene	9.5	1.0	ug/L	SW846 8260B
Total Dissolved Solids	14000 Q	100	mg/L	MCAWW 160.1
0T32-TMW09 07/20/07 11:27 018				
Mercury	0.040 B,J	0.20	ug/L	SW846 7470A
Aluminum	2100	100	ug/L	SW846 6010B
Barium	31	10	ug/L	SW846 6010B
Calcium	900000 J	200	ug/L	SW846 6010B
Cadmium	1.1 B	5.0	ug/L	SW846 6010B
Cobalt	6.1 B	10	ug/L	SW846 6010B
Copper	170	15	ug/L	SW846 6010B
Iron	200 J	100	ug/L	SW846 6010B

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EXECUTIVE SUMMARY - Detection Highlights

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PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
0T32-TMW09 07/20/07 11:27 018				
Potassium	6800	3000	ug/L	SW846 6010B
Magnesium	760000	200	ug/L	SW846 6010B
Manganese	590	10	ug/L	SW846 6010B
Sodium	2700000	1000	ug/L	SW846 6010B
Nickel	24 B	40	ug/L	SW846 6010B
Vanadium	19	10	ug/L	SW846 6010B
Zinc	35 J	20	ug/L	SW846 6010B
Benzene	0.49 J	1.0	ug/L	SW846 8260B
Chloroform	17	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	0.60 J	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	10	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	18	1.0	ug/L	SW846 8260B
Methylene chloride	0.51 J	5.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	0.55 J	1.0	ug/L	SW846 8260B
Trichloroethene	0.18 J	1.0	ug/L	SW846 8260B
4-Isopropyltoluene	0.18 J	1.0	ug/L	SW846 8260B
Total Dissolved Solids	13000 Q	100	mg/L	MCAWW 160.1
0T32-SB06-15 07/20/07 10:00 019				
Diesel Range Organics (C10-C22	2.1 J,B	5.1	mg/kg	SW846 8015B
Aluminum	6300	13	mg/kg	SW846 6010B
Arsenic	1.2 B	2.5	mg/kg	SW846 6010B
Barium	53	1.3	mg/kg	SW846 6010B
Beryllium	0.30 B	0.63	mg/kg	SW846 6010B
Calcium	170000 J	63	mg/kg	SW846 6010B
Cadmium	0.057 B	0.63	mg/kg	SW846 6010B
Cobalt	2.1	1.3	mg/kg	SW846 6010B
Chromium	6.8	1.9	mg/kg	SW846 6010B
Copper	5.8	2.5	mg/kg	SW846 6010B
Iron	6200	19	mg/kg	SW846 6010B
Potassium	1600	380	mg/kg	SW846 6010B
Magnesium	6700	25	mg/kg	SW846 6010B
Manganese	99	1.3	mg/kg	SW846 6010B
Sodium	1500	630	mg/kg	SW846 6010B
Nickel	5.2	5.1	mg/kg	SW846 6010B
Lead	3.3	1.0	mg/kg	SW846 6010B
Vanadium	12	2.5	mg/kg	SW846 6010B
Zinc	19	3.8	mg/kg	SW846 6010B

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EXECUTIVE SUMMARY - Detection Highlights

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PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
0T32-SB06-15 07/20/07 10:00 019				
Percent Moisture	21	0.10	%	MCAWW 160.3 MOD
0T32-SB06-25 07/20/07 10:15 020				
Diesel Range Organics (C10-C22	2.2 J,B	5.4	mg/kg	SW846 8015B
Aluminum	2500	14	mg/kg	SW846 6010B
Barium	42	1.4	mg/kg	SW846 6010B
Calcium	200000 J	68	mg/kg	SW846 6010B
Cobalt	0.75 B	1.4	mg/kg	SW846 6010B
Chromium	2.6	2.0	mg/kg	SW846 6010B
Copper	1.6 B	2.7	mg/kg	SW846 6010B
Iron	2300	20	mg/kg	SW846 6010B
Potassium	660	410	mg/kg	SW846 6010B
Magnesium	1400	27	mg/kg	SW846 6010B
Manganese	24	1.4	mg/kg	SW846 6010B
Sodium	680	680	mg/kg	SW846 6010B
Nickel	1.8 B	5.4	mg/kg	SW846 6010B
Lead	1.4	1.1	mg/kg	SW846 6010B
Vanadium	4.9	2.7	mg/kg	SW846 6010B
Zinc	6.1	4.1	mg/kg	SW846 6010B
Percent Moisture	26	0.10	%	MCAWW 160.3 MOD
0T32-SB06-25A 07/20/07 10:15 021				
Diesel Range Organics (C10-C22	2.2 J,B	5.4	mg/kg	SW846 8015B
Aluminum	2200	13	mg/kg	SW846 6010B
Barium	33	1.3	mg/kg	SW846 6010B
Calcium	190000 J	67	mg/kg	SW846 6010B
Cobalt	0.63 B	1.3	mg/kg	SW846 6010B
Chromium	2.4	2.0	mg/kg	SW846 6010B
Copper	1.8 B	2.7	mg/kg	SW846 6010B
Iron	2200	20	mg/kg	SW846 6010B
Potassium	570	400	mg/kg	SW846 6010B
Magnesium	1200	27	mg/kg	SW846 6010B
Manganese	26	1.3	mg/kg	SW846 6010B
Sodium	700	670	mg/kg	SW846 6010B
Nickel	1.5 B	5.4	mg/kg	SW846 6010B
Lead	1.4	1.1	mg/kg	SW846 6010B
Vanadium	4.4	2.7	mg/kg	SW846 6010B
Zinc	5.7	4.0	mg/kg	SW846 6010B

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EXECUTIVE SUMMARY - Detection Highlights

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PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
0T32-SB06-25A 07/20/07 10:15 021				
Percent Moisture	25	0.10	%	MCAWW 160.3 MOD
0T32-SB05-15 07/20/07 11:45 022				
Diesel Range Organics (C10-C22	2.1 J,B	4.8	mg/kg	SW846 8015B
Aluminum	11000	12	mg/kg	SW846 6010B
Arsenic	1.5 B	2.4	mg/kg	SW846 6010B
Barium	75	1.2	mg/kg	SW846 6010B
Beryllium	0.57 B	0.60	mg/kg	SW846 6010B
Calcium	200000 J	60	mg/kg	SW846 6010B
Cadmium	0.10 B	0.60	mg/kg	SW846 6010B
Cobalt	3.1	1.2	mg/kg	SW846 6010B
Chromium	12	1.8	mg/kg	SW846 6010B
Copper	5.6	2.4	mg/kg	SW846 6010B
Iron	9600	18	mg/kg	SW846 6010B
Potassium	2600	360	mg/kg	SW846 6010B
Magnesium	4700	24	mg/kg	SW846 6010B
Manganese	120	1.2	mg/kg	SW846 6010B
Sodium	300 B	600	mg/kg	SW846 6010B
Nickel	8.7	4.8	mg/kg	SW846 6010B
Lead	5.4	0.96	mg/kg	SW846 6010B
Vanadium	22	2.4	mg/kg	SW846 6010B
Zinc	25	3.6	mg/kg	SW846 6010B
Percent Moisture	16	0.10	%	MCAWW 160.3 MOD
0T32-SB05-25 07/20/07 12:00 023				
Diesel Range Organics (C10-C22	2.2 J,B	5.1	mg/kg	SW846 8015B
Gasoline Range Organics	0.44 J	1.5	mg/kg	SW846 8015B
Aluminum	6400	13	mg/kg	SW846 6010B
Arsenic	1.1 B	2.5	mg/kg	SW846 6010B
Barium	87	1.3	mg/kg	SW846 6010B
Beryllium	0.27 B	0.64	mg/kg	SW846 6010B
Calcium	110000	64	mg/kg	SW846 6010B
Cobalt	1.5	1.3	mg/kg	SW846 6010B
Chromium	6.8	1.9	mg/kg	SW846 6010B
Copper	3.2	2.5	mg/kg	SW846 6010B
Iron	5000	19	mg/kg	SW846 6010B
Potassium	1500	380	mg/kg	SW846 6010B
Magnesium	2500	25	mg/kg	SW846 6010B
Manganese	38	1.3	mg/kg	SW846 6010B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

D7G210163

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
0T32-SB05-25 07/20/07 12:00 023				
Sodium	190 B	640	mg/kg	SW846 6010B
Nickel	3.8 B	5.1	mg/kg	SW846 6010B
Lead	2.5	1.0	mg/kg	SW846 6010B
Vanadium	12	2.5	mg/kg	SW846 6010B
Zinc	16	3.8	mg/kg	SW846 6010B
Percent Moisture	21	0.10	%	MCAWW 160.3 MOD
TRIP BLANK-COOLER 6 07/20/07 025				
Methylene chloride	0.34 J	5.0	ug/L	SW846 8260B
TRIP BLANK-COOLER 7 07/20/07 026				
Methylene chloride	0.35 J	5.0	ug/L	SW846 8260B

METHODS SUMMARY

D7G210163

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Extractable Petroleum Hydrocarbons	SW846 8015B	SW846 3550B
Filterable Residue (TDS)	MCAWW 160.1	MCAWW 160.1
H-3 by Distillation & LSC	EPA 906.0 MOD	
Inductively Coupled Plasma (ICP) Metals	SW846 6010B	SW846 3010A
Inductively Coupled Plasma (ICP) Metals	SW846 6010B	SW846 3050B
Mercury in Liquid Waste (Manual Cold-Vapor)	SW846 7470A	SW846 7470A
Mercury in Solid Waste (Manual Cold-Vapor)	SW846 7471A	SW846 7471A
Percent Moisture	MCAWW 160.3 MOD	MCAWW 160.3 MOD
PCBs by SW-846 8082	SW846 8082	SW846 3510C
Semivolatile Organic Compounds by GC/MS	SW846 8270C	SW846 3520C
Semivolatile Organic Compounds by GC/MS	SW846 8270C	SW846 3550B
SW846 6860 Perchlorate	SW846 6860	SW846 6860
Volatile Organics by GC/MS	SW846 8260B	SW846 5030B/826
Volatile Organics by GC/MS	SW846 8260B	SW846 5035
Volatile Petroleum Hydrocarbons	SW846 8015B	SW846 5035

References:

EPA "EASTERN ENVIRONMENTAL RADIATION FACILITY RADIOCHEMISTRY PROCEDURES MANUAL" US EPA EPA 520/5-84-006 AUGUST 1984

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

METHOD / ANALYST SUMMARY

D7G210163

ANALYTICAL METHOD	ANALYST	ANALYST ID
EPA 906.0 MOD	Staci Epkins	402630
MCAWW 160.1	ReAnna Davis	002266
MCAWW 160.3 MOD	Christopher Grisdale	9582
SW846 6010B	Lynn-Anne Trudell	006645
SW846 6010B	Lynn-Anne Trudell	6645
SW846 6860	Tim O'Donnell	000443
SW846 7470A	David Wells	5099
SW846 7471A	David Wells	5099
SW846 8015B	Adam Pavlakovich	003128
SW846 8015B	Heather Dybas	038161
SW846 8082	Teresa L. Williams	002510
SW846 8260B	Greg Meier	006004
SW846 8270C	Daniel Kiekel	011370
SW846 8270C	Mike G. Hoffman	001880

References:

EPA "EASTERN ENVIRONMENTAL RADIATION FACILITY RADIOCHEMISTRY PROCEDURES MANUAL" US EPA EPA 520/5-84-006 AUGUST 1984

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

D7G210163

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J3CXR	001	0T32-SB04-15	07/20/07	14:00
J3C0J	002	0T32-SB04-25	07/20/07	14:15
J3C0L	003	0T32-SB04-25A	07/20/07	14:15
J3C0M	004	0T32-SB08-20	07/19/07	13:15
J3C0N	005	0T32-SB08-30	07/19/07	13:30
J3C0Q	006	0T32-SB08-30A	07/19/07	13:30
J3C0R	007	0T32-SB07-10	07/19/07	15:15
J3C0T	008	0T32-SB07-25	07/19/07	15:30
J3C0V	009	TRIP BLANK-COOLER 1	07/20/07	
J3C0W	010	TRIP BLANK-COOLER 2	07/20/07	
J3C01	011	0T32-SB08-20-D	07/19/07	13:05
J3C05	012	0T32-TMW12	07/19/07	15:37
J3C07	013	0T32-TMW11	07/20/07	09:22
J3C09	014	0T37-MW09	07/19/07	16:35
J3C1G	015	0T37-MW10	07/20/07	08:30
J3C1H	016	TRIP BLANK-COOLER 4	07/20/07	
J3C1J	017	0T32-TMW10	07/20/07	11:00
J3C1L	018	0T32-TMW09	07/20/07	11:27
J3C1P	019	0T32-SB06-15	07/20/07	10:00
J3C13	020	0T32-SB06-25	07/20/07	10:15
J3C15	021	0T32-SB06-25A	07/20/07	10:15
J3C18	022	0T32-SB05-15	07/20/07	11:45
J3C19	023	0T32-SB05-25	07/20/07	12:00
J3C2C	024	TRIP BLANK-COOLER 5	07/20/07	
J3C2F	025	TRIP BLANK-COOLER 6	07/20/07	
J3C2G	026	TRIP BLANK-COOLER 7	07/20/07	

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

Bhate Environmental Associates

Client Sample ID: 0T32-SB04-15

GC/MS Volatiles

Lot-Sample #...: D7G210163-001 **Work Order #...:** J3CXR1A7 **Matrix.....:** SO
Date Sampled...: 07/20/07 14:00 **Date Received..:** 07/21/07
Prep Date.....: 07/21/07 **Analysis Date..:** 07/27/07
Prep Batch #...: 7209112 **Analysis Time..:** 12:36
Dilution Factor: 0.97

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	24	ug/kg	6.4
Benzene	ND	5.9	ug/kg	0.56
Bromodichloromethane	ND	5.9	ug/kg	0.26
Bromoform	ND	5.9	ug/kg	0.27
Bromomethane	ND	12	ug/kg	0.59
2-Butanone (MEK)	ND	24	ug/kg	2.2
Carbon tetrachloride	ND	5.9	ug/kg	0.75
Chlorobenzene	ND	5.9	ug/kg	0.64
Chloroethane	ND	12	ug/kg	1.1
Chloroform	ND	12	ug/kg	0.34
Chloromethane	ND	12	ug/kg	0.91
Dibromomethane	ND	5.9	ug/kg	0.99
1,2-Dibromoethane (EDB)	ND	5.9	ug/kg	0.62
1,2-Dichlorobenzene	ND	5.9	ug/kg	0.53
1,3-Dichlorobenzene	ND	5.9	ug/kg	0.57
1,4-Dichlorobenzene	ND	5.9	ug/kg	0.92
Dichlorodifluoromethane	ND	12	ug/kg	0.62
1,1-Dichloroethane	ND	5.9	ug/kg	0.25
1,2-Dichloroethane	ND	5.9	ug/kg	0.83
1,1-Dichloroethene	ND	5.9	ug/kg	0.70
1,2-Dichloroethene (total)	ND	6.1	ug/kg	0.48
cis-1,2-Dichloroethene	ND	3.0	ug/kg	0.66
trans-1,2-Dichloroethene	ND	3.0	ug/kg	0.46
1,2-Dichloropropane	ND	5.9	ug/kg	0.65
cis-1,3-Dichloropropene	ND	5.9	ug/kg	1.5
trans-1,3-Dichloropropene	ND	5.9	ug/kg	0.79
Ethylbenzene	ND	5.9	ug/kg	0.79
2-Hexanone	ND	24	ug/kg	5.8
Methylene chloride	ND	5.9	ug/kg	0.89
4-Methyl-2-pentanone	ND	24	ug/kg	5.2
Styrene	ND	5.9	ug/kg	0.75
1,1,1,2-Tetrachloroethane	ND	5.9	ug/kg	0.66
1,1,2,2-Tetrachloroethane	ND	5.9	ug/kg	0.72
Tetrachloroethene	ND	5.9	ug/kg	0.70
Toluene	ND	5.9	ug/kg	0.82
1,2,4-Trichloro-benzene	ND	5.9	ug/kg	0.86

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Bhate Environmental Associates

Client Sample ID: 0T32-SB04-15

GC/MS Volatiles

Lot-Sample #...: D7G210163-001 **Work Order #...:** J3CXR1A7 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	5.9	ug/kg	0.62
1,1,2-Trichloroethane	ND	5.9	ug/kg	1.0
Trichloroethene	**0.38 J,B**	**5.9**	**ug/kg**	**0.27**
Trichlorofluoromethane	ND	12	ug/kg	1.2
1,2,3-Trichloropropane	ND	5.9	ug/kg	0.96
Vinyl chloride	ND	5.9	ug/kg	1.6
Xylenes (total)	ND	5.9	ug/kg	0.72
n-Butylbenzene	ND	5.9	ug/kg	0.66
sec-Butylbenzene	ND	5.9	ug/kg	0.91
Isopropylbenzene	ND	5.9	ug/kg	0.70
1,2,4-Trimethylbenzene	ND	5.9	ug/kg	0.69
1,3,5-Trimethylbenzene	ND	5.9	ug/kg	0.67
n-Propylbenzene	ND	5.9	ug/kg	0.69
tert-Butylbenzene	ND	5.9	ug/kg	0.59
Dibromochloromethane	ND	5.9	ug/kg	0.67
2-Chlorotoluene	ND	5.9	ug/kg	0.60
4-Chlorotoluene	ND	5.9	ug/kg	0.92
1,2-Dibromo-3-chloropropane (DBCP)	ND	12	ug/kg	0.71
1,3-Dichloropropane	ND	5.9	ug/kg	0.60
2,2-Dichloropropane	ND	5.9	ug/kg	0.52
1,1-Dichloropropene	ND	5.9	ug/kg	0.64
Hexachlorobutadiene	ND	5.9	ug/kg	0.65
4-Isopropyltoluene	ND	5.9	ug/kg	0.58
Methyl tert-butyl ether	ND	24	ug/kg	0.40
1,2,3-Trichlorobenzene	ND	5.9	ug/kg	0.89
m-Xylene & p-Xylene	ND	3.0	ug/kg	1.2
o-Xylene	ND	3.0	ug/kg	0.72
Bromobenzene	ND	5.9	ug/kg	0.58
Bromochloromethane	ND	5.9	ug/kg	0.35
Naphthalene	ND	5.9	ug/kg	0.75

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	113	(75 - 121)
1,2-Dichloroethane-d4	113	(58 - 140)
4-Bromofluorobenzene	113	(76 - 127)
Toluene-d8	99	(80 - 126)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: 0T32-SB04-25

GC/MS Volatiles

Lot-Sample #...: D7G210163-002 **Work Order #...:** J3C0J1AJ **Matrix.....:** SO
Date Sampled...: 07/20/07 14:15 **Date Received..:** 07/21/07
Prep Date.....: 07/21/07 **Analysis Date..:** 07/27/07
Prep Batch #...: 7209112 **Analysis Time..:** 12:59
Dilution Factor: 0.88

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	23	ug/kg	6.1
Benzene	ND	5.7	ug/kg	0.53
Bromodichloromethane	ND	5.7	ug/kg	0.25
Bromoform	ND	5.7	ug/kg	0.26
Bromomethane	ND	11	ug/kg	0.57
2-Butanone (MEK)	ND	23	ug/kg	2.1
Carbon tetrachloride	ND	5.7	ug/kg	0.71
Chlorobenzene	ND	5.7	ug/kg	0.61
Chloroethane	ND	11	ug/kg	1.0
Chloroform	ND	11	ug/kg	0.33
Chloromethane	ND	11	ug/kg	0.87
Dibromomethane	ND	5.7	ug/kg	0.95
1,2-Dibromoethane (EDB)	ND	5.7	ug/kg	0.59
1,2-Dichlorobenzene	ND	5.7	ug/kg	0.51
1,3-Dichlorobenzene	ND	5.7	ug/kg	0.54
1,4-Dichlorobenzene	ND	5.7	ug/kg	0.88
Dichlorodifluoromethane	ND	11	ug/kg	0.59
1,1-Dichloroethane	ND	5.7	ug/kg	0.24
1,2-Dichloroethane	ND	5.7	ug/kg	0.79
1,1-Dichloroethene	ND	5.7	ug/kg	0.67
1,2-Dichloroethene (total)	ND	6.4	ug/kg	0.50
cis-1,2-Dichloroethene	ND	2.8	ug/kg	0.63
trans-1,2-Dichloroethene	ND	2.8	ug/kg	0.44
1,2-Dichloropropane	ND	5.7	ug/kg	0.62
cis-1,3-Dichloropropene	ND	5.7	ug/kg	1.5
trans-1,3-Dichloropropene	ND	5.7	ug/kg	0.76
Ethylbenzene	ND	5.7	ug/kg	0.76
2-Hexanone	ND	23	ug/kg	5.5
Methylene chloride	ND	5.7	ug/kg	0.85
4-Methyl-2-pentanone	ND	23	ug/kg	4.9
Styrene	ND	5.7	ug/kg	0.71
1,1,1,2-Tetrachloroethane	ND	5.7	ug/kg	0.63
1,1,2,2-Tetrachloroethane	ND	5.7	ug/kg	0.69
Tetrachloroethene	ND	5.7	ug/kg	0.67
Toluene	ND	5.7	ug/kg	0.78
1,2,4-Trichloro-benzene	ND	5.7	ug/kg	0.83

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Bhate Environmental Associates

Client Sample ID: 0T32-SB04-25

GC/MS Volatiles

Lot-Sample #...: D7G210163-002 **Work Order #...:** J3C0J1AJ **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	5.7	ug/kg	0.59
1,1,2-Trichloroethane	ND	5.7	ug/kg	1.0
Trichloroethene	**0.30 J,B**	**5.7**	**ug/kg**	**0.26**
Trichlorofluoromethane	ND	11	ug/kg	1.2
1,2,3-Trichloropropane	ND	5.7	ug/kg	0.92
Vinyl chloride	ND	5.7	ug/kg	1.5
Xylenes (total)	ND	5.7	ug/kg	0.69
n-Butylbenzene	ND	5.7	ug/kg	0.63
sec-Butylbenzene	ND	5.7	ug/kg	0.87
Isopropylbenzene	ND	5.7	ug/kg	0.67
1,2,4-Trimethylbenzene	ND	5.7	ug/kg	0.66
1,3,5-Trimethylbenzene	ND	5.7	ug/kg	0.65
n-Propylbenzene	ND	5.7	ug/kg	0.66
tert-Butylbenzene	ND	5.7	ug/kg	0.57
Dibromochloromethane	ND	5.7	ug/kg	0.65
2-Chlorotoluene	ND	5.7	ug/kg	0.58
4-Chlorotoluene	ND	5.7	ug/kg	0.88
1,2-Dibromo-3-chloropropane (DBCP)	ND	11	ug/kg	0.68
1,3-Dichloropropane	ND	5.7	ug/kg	0.58
2,2-Dichloropropane	ND	5.7	ug/kg	0.50
1,1-Dichloropropene	ND	5.7	ug/kg	0.61
Hexachlorobutadiene	ND	5.7	ug/kg	0.62
4-Isopropyltoluene	ND	5.7	ug/kg	0.55
Methyl tert-butyl ether	ND	23	ug/kg	0.39
1,2,3-Trichlorobenzene	ND	5.7	ug/kg	0.85
m-Xylene & p-Xylene	ND	2.8	ug/kg	1.2
o-Xylene	ND	2.8	ug/kg	0.69
Bromobenzene	ND	5.7	ug/kg	0.55
Bromochloromethane	ND	5.7	ug/kg	0.34
Naphthalene	ND	5.7	ug/kg	0.71

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	113	(75 - 121)
1,2-Dichloroethane-d4	116	(58 - 140)
4-Bromofluorobenzene	109	(76 - 127)
Toluene-d8	96	(80 - 126)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: 0T32-SB04-25A

GC/MS Volatiles

Lot-Sample #...: D7G210163-003 **Work Order #...:** J3C0L1AJ **Matrix.....:** SO
Date Sampled...: 07/20/07 14:15 **Date Received..:** 07/21/07
Prep Date.....: 07/21/07 **Analysis Date..:** 07/27/07
Prep Batch #...: 7209112 **Analysis Time..:** 13:23
Dilution Factor: 0.98
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	6.7
Benzene	ND	6.2	ug/kg	0.58
Bromodichloromethane	ND	6.2	ug/kg	0.27
Bromoform	ND	6.2	ug/kg	0.29
Bromomethane	ND	12	ug/kg	0.62
2-Butanone (MEK)	ND	25	ug/kg	2.3
Carbon tetrachloride	ND	6.2	ug/kg	0.78
Chlorobenzene	ND	6.2	ug/kg	0.67
Chloroethane	ND	12	ug/kg	1.1
Chloroform	ND	12	ug/kg	0.36
Chloromethane	ND	12	ug/kg	0.96
Dibromomethane	ND	6.2	ug/kg	1.0
1,2-Dibromoethane (EDB)	ND	6.2	ug/kg	0.65
1,2-Dichlorobenzene	ND	6.2	ug/kg	0.56
1,3-Dichlorobenzene	ND	6.2	ug/kg	0.60
1,4-Dichlorobenzene	ND	6.2	ug/kg	0.97
Dichlorodifluoromethane	ND	12	ug/kg	0.65
1,1-Dichloroethane	ND	6.2	ug/kg	0.26
1,2-Dichloroethane	ND	6.2	ug/kg	0.87
1,1-Dichloroethene	ND	6.2	ug/kg	0.73
1,2-Dichloroethene (total)	ND	6.3	ug/kg	0.49
cis-1,2-Dichloroethene	ND	3.1	ug/kg	0.70
trans-1,2-Dichloroethene	ND	3.1	ug/kg	0.48
1,2-Dichloropropane	ND	6.2	ug/kg	0.68
cis-1,3-Dichloropropene	ND	6.2	ug/kg	1.6
trans-1,3-Dichloropropene	ND	6.2	ug/kg	0.83
Ethylbenzene	ND	6.2	ug/kg	0.83
2-Hexanone	ND	25	ug/kg	6.1
Methylene chloride	ND	6.2	ug/kg	0.93
4-Methyl-2-pentanone	ND	25	ug/kg	5.4
Styrene	ND	6.2	ug/kg	0.78
1,1,1,2-Tetrachloroethane	ND	6.2	ug/kg	0.70
1,1,2,2-Tetrachloroethane	ND	6.2	ug/kg	0.76
Tetrachloroethene	ND	6.2	ug/kg	0.73
Toluene	ND	6.2	ug/kg	0.86
1,2,4-Trichloro-benzene	ND	6.2	ug/kg	0.91

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Bhate Environmental Associates

Client Sample ID: 0T32-SB04-25A

GC/MS Volatiles

Lot-Sample #...: D7G210163-003 **Work Order #...:** J3C0L1AJ **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	6.2	ug/kg	0.65
1,1,2-Trichloroethane	ND	6.2	ug/kg	1.1
Trichloroethene	ND	6.2	ug/kg	0.29
Trichlorofluoromethane	ND	12	ug/kg	1.3
1,2,3-Trichloropropane	ND	6.2	ug/kg	1.0
Vinyl chloride	ND	6.2	ug/kg	1.7
Xylenes (total)	ND	6.2	ug/kg	0.76
n-Butylbenzene	ND	6.2	ug/kg	0.70
sec-Butylbenzene	ND	6.2	ug/kg	0.96
Isopropylbenzene	ND	6.2	ug/kg	0.73
1,2,4-Trimethylbenzene	ND	6.2	ug/kg	0.72
1,3,5-Trimethylbenzene	ND	6.2	ug/kg	0.71
n-Propylbenzene	ND	6.2	ug/kg	0.72
tert-Butylbenzene	ND	6.2	ug/kg	0.62
Dibromochloromethane	ND	6.2	ug/kg	0.71
2-Chlorotoluene	ND	6.2	ug/kg	0.63
4-Chlorotoluene	ND	6.2	ug/kg	0.97
1,2-Dibromo-3-chloropropane (DBCP)	ND	12	ug/kg	0.75
1,3-Dichloropropane	ND	6.2	ug/kg	0.63
2,2-Dichloropropane	ND	6.2	ug/kg	0.55
1,1-Dichloropropene	ND	6.2	ug/kg	0.67
Hexachlorobutadiene	ND	6.2	ug/kg	0.68
4-Isopropyltoluene	ND	6.2	ug/kg	0.61
Methyl tert-butyl ether	ND	25	ug/kg	0.42
1,2,3-Trichlorobenzene	ND	6.2	ug/kg	0.93
m-Xylene & p-Xylene	ND	3.1	ug/kg	1.3
o-Xylene	ND	3.1	ug/kg	0.76
Bromobenzene	ND	6.2	ug/kg	0.61
Bromochloromethane	ND	6.2	ug/kg	0.37
Naphthalene	ND	6.2	ug/kg	0.78

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	100	(75 - 121)
1,2-Dichloroethane-d4	102	(58 - 140)
4-Bromofluorobenzene	99	(76 - 127)
Toluene-d8	86	(80 - 126)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: 0T32-SB08-20

GC/MS Volatiles

Lot-Sample #...: D7G210163-004 **Work Order #...:** J3C0M1AJ **Matrix.....:** SO
Date Sampled...: 07/19/07 13:15 **Date Received..:** 07/21/07
Prep Date.....: 07/21/07 **Analysis Date..:** 07/27/07
Prep Batch #...: 7209112 **Analysis Time..:** 13:46
Dilution Factor: 1.02

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	24	ug/kg	6.6
Benzene	ND	6.1	ug/kg	0.57
Bromodichloromethane	ND	6.1	ug/kg	0.27
Bromoform	ND	6.1	ug/kg	0.28
Bromomethane	ND	12	ug/kg	0.61
2-Butanone (MEK)	ND	24	ug/kg	2.2
Carbon tetrachloride	ND	6.1	ug/kg	0.77
Chlorobenzene	ND	6.1	ug/kg	0.66
Chloroethane	ND	12	ug/kg	1.1
Chloroform	ND	12	ug/kg	0.35
Chloromethane	ND	12	ug/kg	0.94
Dibromomethane	ND	6.1	ug/kg	1.0
1,2-Dibromoethane (EDB)	ND	6.1	ug/kg	0.64
1,2-Dichlorobenzene	ND	6.1	ug/kg	0.55
1,3-Dichlorobenzene	ND	6.1	ug/kg	0.59
1,4-Dichlorobenzene	ND	6.1	ug/kg	0.95
Dichlorodifluoromethane	ND	12	ug/kg	0.64
1,1-Dichloroethane	ND	6.1	ug/kg	0.26
1,2-Dichloroethane	ND	6.1	ug/kg	0.86
1,1-Dichloroethene	ND	6.1	ug/kg	0.72
1,2-Dichloroethene (total)	ND	6.1	ug/kg	0.47
cis-1,2-Dichloroethene	ND	3.1	ug/kg	0.68
trans-1,2-Dichloroethene	ND	3.1	ug/kg	0.48
1,2-Dichloropropane	ND	6.1	ug/kg	0.67
cis-1,3-Dichloropropene	ND	6.1	ug/kg	1.6
trans-1,3-Dichloropropene	ND	6.1	ug/kg	0.82
Ethylbenzene	ND	6.1	ug/kg	0.82
2-Hexanone	ND	24	ug/kg	6.0
Methylene chloride	ND	6.1	ug/kg	0.92
4-Methyl-2-pentanone	ND	24	ug/kg	5.3
Styrene	ND	6.1	ug/kg	0.77
1,1,1,2-Tetrachloroethane	ND	6.1	ug/kg	0.68
1,1,2,2-Tetrachloroethane	ND	6.1	ug/kg	0.75
Tetrachloroethene	ND	6.1	ug/kg	0.72
Toluene	ND	6.1	ug/kg	0.84
1,2,4-Trichloro-benzene	ND	6.1	ug/kg	0.89

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Bhate Environmental Associates

Client Sample ID: 0T32-SB08-20

GC/MS Volatiles

Lot-Sample #...: D7G210163-004 **Work Order #...:** J3C0M1AJ **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	6.1	ug/kg	0.64
1,1,2-Trichloroethane	ND	6.1	ug/kg	1.1
Trichloroethene	ND	6.1	ug/kg	0.28
Trichlorofluoromethane	ND	12	ug/kg	1.3
1,2,3-Trichloropropane	ND	6.1	ug/kg	0.99
Vinyl chloride	ND	6.1	ug/kg	1.6
Xylenes (total)	ND	6.1	ug/kg	0.75
n-Butylbenzene	ND	6.1	ug/kg	0.68
sec-Butylbenzene	ND	6.1	ug/kg	0.94
Isopropylbenzene	ND	6.1	ug/kg	0.72
1,2,4-Trimethylbenzene	ND	6.1	ug/kg	0.71
1,3,5-Trimethylbenzene	ND	6.1	ug/kg	0.70
n-Propylbenzene	ND	6.1	ug/kg	0.71
tert-Butylbenzene	ND	6.1	ug/kg	0.61
Dibromochloromethane	ND	6.1	ug/kg	0.70
2-Chlorotoluene	ND	6.1	ug/kg	0.62
4-Chlorotoluene	ND	6.1	ug/kg	0.95
1,2-Dibromo-3-chloropropane (DBCP)	ND	12	ug/kg	0.73
1,3-Dichloropropane	ND	6.1	ug/kg	0.62
2,2-Dichloropropane	ND	6.1	ug/kg	0.54
1,1-Dichloropropene	ND	6.1	ug/kg	0.66
Hexachlorobutadiene	ND	6.1	ug/kg	0.67
4-Isopropyltoluene	ND	6.1	ug/kg	0.60
Methyl tert-butyl ether	ND	24	ug/kg	0.42
1,2,3-Trichlorobenzene	ND	6.1	ug/kg	0.92
m-Xylene & p-Xylene	ND	3.1	ug/kg	1.3
o-Xylene	ND	3.1	ug/kg	0.75
Bromobenzene	ND	6.1	ug/kg	0.60
Bromochloromethane	ND	6.1	ug/kg	0.37
Naphthalene	ND	6.1	ug/kg	0.77

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	116	(75 - 121)
1,2-Dichloroethane-d4	120	(58 - 140)
4-Bromofluorobenzene	111	(76 - 127)
Toluene-d8	97	(80 - 126)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: 0T32-SB08-30

GC/MS Volatiles

Lot-Sample #...: D7G210163-005 **Work Order #...:** J3C0N1AJ **Matrix.....:** SO
Date Sampled...: 07/19/07 13:30 **Date Received..:** 07/21/07
Prep Date.....: 07/21/07 **Analysis Date..:** 07/27/07
Prep Batch #...: 7209112 **Analysis Time..:** 14:09
Dilution Factor: 0.92

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	24	ug/kg	6.3
Benzene	ND	5.9	ug/kg	0.55
Bromodichloromethane	ND	5.9	ug/kg	0.26
Bromoform	ND	5.9	ug/kg	0.27
Bromomethane	ND	12	ug/kg	0.59
2-Butanone (MEK)	ND	24	ug/kg	2.2
Carbon tetrachloride	ND	5.9	ug/kg	0.74
Chlorobenzene	ND	5.9	ug/kg	0.64
Chloroethane	ND	12	ug/kg	1.0
Chloroform	ND	12	ug/kg	0.34
Chloromethane	ND	12	ug/kg	0.91
Dibromomethane	ND	5.9	ug/kg	0.99
1,2-Dibromoethane (EDB)	ND	5.9	ug/kg	0.61
1,2-Dichlorobenzene	ND	5.9	ug/kg	0.53
1,3-Dichlorobenzene	ND	5.9	ug/kg	0.56
1,4-Dichlorobenzene	ND	5.9	ug/kg	0.92
Dichlorodifluoromethane	ND	12	ug/kg	0.61
1,1-Dichloroethane	ND	5.9	ug/kg	0.25
1,2-Dichloroethane	ND	5.9	ug/kg	0.82
1,1-Dichloroethene	ND	5.9	ug/kg	0.69
1,2-Dichloroethene (total)	ND	5.9	ug/kg	0.46
cis-1,2-Dichloroethene	ND	2.9	ug/kg	0.66
trans-1,2-Dichloroethene	ND	2.9	ug/kg	0.46
1,2-Dichloropropane	ND	5.9	ug/kg	0.65
cis-1,3-Dichloropropene	ND	5.9	ug/kg	1.5
trans-1,3-Dichloropropene	ND	5.9	ug/kg	0.79
Ethylbenzene	ND	5.9	ug/kg	0.79
2-Hexanone	ND	24	ug/kg	5.8
Methylene chloride	ND	5.9	ug/kg	0.88
4-Methyl-2-pentanone	ND	24	ug/kg	5.1
Styrene	ND	5.9	ug/kg	0.74
1,1,1,2-Tetrachloroethane	ND	5.9	ug/kg	0.66
1,1,2,2-Tetrachloroethane	ND	5.9	ug/kg	0.72
Tetrachloroethene	ND	5.9	ug/kg	0.69
Toluene	ND	5.9	ug/kg	0.81
1,2,4-Trichloro-benzene	ND	5.9	ug/kg	0.86

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Bhate Environmental Associates

Client Sample ID: 0T32-SB08-30

GC/MS Volatiles

Lot-Sample #...: D7G210163-005 **Work Order #...:** J3C0N1AJ **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	5.9	ug/kg	0.61
1,1,2-Trichloroethane	ND	5.9	ug/kg	1.0
Trichloroethene	ND	5.9	ug/kg	0.27
Trichlorofluoromethane	ND	12	ug/kg	1.2
1,2,3-Trichloropropane	ND	5.9	ug/kg	0.95
Vinyl chloride	ND	5.9	ug/kg	1.6
Xylenes (total)	ND	5.9	ug/kg	0.72
n-Butylbenzene	ND	5.9	ug/kg	0.66
sec-Butylbenzene	ND	5.9	ug/kg	0.91
Isopropylbenzene	ND	5.9	ug/kg	0.69
1,2,4-Trimethylbenzene	ND	5.9	ug/kg	0.68
1,3,5-Trimethylbenzene	ND	5.9	ug/kg	0.67
n-Propylbenzene	ND	5.9	ug/kg	0.68
tert-Butylbenzene	ND	5.9	ug/kg	0.59
Dibromochloromethane	ND	5.9	ug/kg	0.67
2-Chlorotoluene	ND	5.9	ug/kg	0.60
4-Chlorotoluene	ND	5.9	ug/kg	0.92
1,2-Dibromo-3-chloropropane (DBCP)	ND	12	ug/kg	0.71
1,3-Dichloropropane	ND	5.9	ug/kg	0.60
2,2-Dichloropropane	ND	5.9	ug/kg	0.52
1,1-Dichloropropene	ND	5.9	ug/kg	0.64
Hexachlorobutadiene	ND	5.9	ug/kg	0.65
4-Isopropyltoluene	ND	5.9	ug/kg	0.58
Methyl tert-butyl ether	ND	24	ug/kg	0.40
1,2,3-Trichlorobenzene	ND	5.9	ug/kg	0.88
m-Xylene & p-Xylene	ND	2.9	ug/kg	1.2
o-Xylene	ND	2.9	ug/kg	0.72
Bromobenzene	ND	5.9	ug/kg	0.58
Bromochloromethane	ND	5.9	ug/kg	0.35
Naphthalene	ND	5.9	ug/kg	0.74

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	113	(75 - 121)
1,2-Dichloroethane-d4	115	(58 - 140)
4-Bromofluorobenzene	108	(76 - 127)
Toluene-d8	96	(80 - 126)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: 0T32-SB08-30A

GC/MS Volatiles

Lot-Sample #...: D7G210163-006 **Work Order #...:** J3C0Q1AJ **Matrix.....:** SO
Date Sampled...: 07/19/07 13:30 **Date Received..:** 07/21/07
Prep Date.....: 07/21/07 **Analysis Date..:** 07/27/07
Prep Batch #...: 7209112 **Analysis Time..:** 14:33
Dilution Factor: 0.85

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	24	ug/kg	6.6
Benzene	ND	6.1	ug/kg	0.57
Bromodichloromethane	ND	6.1	ug/kg	0.27
Bromoform	ND	6.1	ug/kg	0.28
Bromomethane	ND	12	ug/kg	0.61
2-Butanone (MEK)	ND	24	ug/kg	2.2
Carbon tetrachloride	ND	6.1	ug/kg	0.77
Chlorobenzene	ND	6.1	ug/kg	0.66
Chloroethane	ND	12	ug/kg	1.1
Chloroform	ND	12	ug/kg	0.35
Chloromethane	ND	12	ug/kg	0.94
Dibromomethane	ND	6.1	ug/kg	1.0
1,2-Dibromoethane (EDB)	ND	6.1	ug/kg	0.63
1,2-Dichlorobenzene	ND	6.1	ug/kg	0.55
1,3-Dichlorobenzene	ND	6.1	ug/kg	0.59
1,4-Dichlorobenzene	ND	6.1	ug/kg	0.95
Dichlorodifluoromethane	ND	12	ug/kg	0.63
1,1-Dichloroethane	ND	6.1	ug/kg	0.26
1,2-Dichloroethane	ND	6.1	ug/kg	0.85
1,1-Dichloroethene	ND	6.1	ug/kg	0.72
1,2-Dichloroethene (total)	ND	6.1	ug/kg	0.48
cis-1,2-Dichloroethene	ND	3.0	ug/kg	0.68
trans-1,2-Dichloroethene	ND	3.0	ug/kg	0.48
1,2-Dichloropropane	ND	6.1	ug/kg	0.67
cis-1,3-Dichloropropene	ND	6.1	ug/kg	1.6
trans-1,3-Dichloropropene	ND	6.1	ug/kg	0.82
Ethylbenzene	ND	6.1	ug/kg	0.82
2-Hexanone	ND	24	ug/kg	6.0
Methylene chloride	ND	6.1	ug/kg	0.91
4-Methyl-2-pentanone	ND	24	ug/kg	5.3
Styrene	ND	6.1	ug/kg	0.77
1,1,1,2-Tetrachloroethane	ND	6.1	ug/kg	0.68
1,1,2,2-Tetrachloroethane	ND	6.1	ug/kg	0.74
Tetrachloroethene	ND	6.1	ug/kg	0.72
Toluene	ND	6.1	ug/kg	0.84
1,2,4-Trichloro-benzene	ND	6.1	ug/kg	0.89

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Bhate Environmental Associates

Client Sample ID: 0T32-SB08-30A

GC/MS Volatiles

Lot-Sample #...: D7G210163-006 **Work Order #...:** J3C0Q1AJ **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	6.1	ug/kg	0.63
1,1,2-Trichloroethane	ND	6.1	ug/kg	1.1
Trichloroethene	ND	6.1	ug/kg	0.28
Trichlorofluoromethane	ND	12	ug/kg	1.3
1,2,3-Trichloropropane	ND	6.1	ug/kg	0.99
Vinyl chloride	ND	6.1	ug/kg	1.6
Xylenes (total)	ND	6.1	ug/kg	0.74
n-Butylbenzene	ND	6.1	ug/kg	0.68
sec-Butylbenzene	ND	6.1	ug/kg	0.94
Isopropylbenzene	ND	6.1	ug/kg	0.72
1,2,4-Trimethylbenzene	ND	6.1	ug/kg	0.71
1,3,5-Trimethylbenzene	ND	6.1	ug/kg	0.70
n-Propylbenzene	ND	6.1	ug/kg	0.71
tert-Butylbenzene	ND	6.1	ug/kg	0.61
Dibromochloromethane	ND	6.1	ug/kg	0.70
2-Chlorotoluene	ND	6.1	ug/kg	0.62
4-Chlorotoluene	ND	6.1	ug/kg	0.95
1,2-Dibromo-3-chloropropane (DBCP)	ND	12	ug/kg	0.73
1,3-Dichloropropane	ND	6.1	ug/kg	0.62
2,2-Dichloropropane	ND	6.1	ug/kg	0.54
1,1-Dichloropropene	ND	6.1	ug/kg	0.66
Hexachlorobutadiene	ND	6.1	ug/kg	0.67
4-Isopropyltoluene	ND	6.1	ug/kg	0.60
Methyl tert-butyl ether	ND	24	ug/kg	0.41
1,2,3-Trichlorobenzene	ND	6.1	ug/kg	0.91
m-Xylene & p-Xylene	ND	3.0	ug/kg	1.3
o-Xylene	ND	3.0	ug/kg	0.74
Bromobenzene	ND	6.1	ug/kg	0.60
Bromochloromethane	ND	6.1	ug/kg	0.37
Naphthalene	ND	6.1	ug/kg	0.77

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	102	(75 - 121)
1,2-Dichloroethane-d4	107	(58 - 140)
4-Bromofluorobenzene	98	(76 - 127)
Toluene-d8	87	(80 - 126)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: 0T32-SB07-10

GC/MS Volatiles

Lot-Sample #...: D7G210163-007 **Work Order #...:** J3C0R1AJ **Matrix.....:** SO
Date Sampled...: 07/19/07 15:15 **Date Received..:** 07/21/07
Prep Date.....: 07/21/07 **Analysis Date..:** 07/27/07
Prep Batch #...: 7209112 **Analysis Time..:** 14:57
Dilution Factor: 1.06

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	6.6
Benzene	ND	6.1	ug/kg	0.58
Bromodichloromethane	ND	6.1	ug/kg	0.27
Bromoform	ND	6.1	ug/kg	0.28
Bromomethane	ND	12	ug/kg	0.61
2-Butanone (MEK)	ND	25	ug/kg	2.3
Carbon tetrachloride	ND	6.1	ug/kg	0.77
Chlorobenzene	ND	6.1	ug/kg	0.66
Chloroethane	ND	12	ug/kg	1.1
Chloroform	ND	12	ug/kg	0.36
Chloromethane	ND	12	ug/kg	0.95
Dibromomethane	ND	6.1	ug/kg	1.0
1,2-Dibromoethane (EDB)	ND	6.1	ug/kg	0.64
1,2-Dichlorobenzene	ND	6.1	ug/kg	0.55
1,3-Dichlorobenzene	ND	6.1	ug/kg	0.59
1,4-Dichlorobenzene	ND	6.1	ug/kg	0.96
Dichlorodifluoromethane	ND	12	ug/kg	0.64
1,1-Dichloroethane	ND	6.1	ug/kg	0.26
1,2-Dichloroethane	ND	6.1	ug/kg	0.86
1,1-Dichloroethene	ND	6.1	ug/kg	0.73
1,2-Dichloroethene (total)	ND	6.1	ug/kg	0.48
cis-1,2-Dichloroethene	ND	3.1	ug/kg	0.69
trans-1,2-Dichloroethene	ND	3.1	ug/kg	0.48
1,2-Dichloropropane	ND	6.1	ug/kg	0.68
cis-1,3-Dichloropropene	ND	6.1	ug/kg	1.6
trans-1,3-Dichloropropene	ND	6.1	ug/kg	0.82
Ethylbenzene	ND	6.1	ug/kg	0.82
2-Hexanone	ND	25	ug/kg	6.0
Methylene chloride	ND	6.1	ug/kg	0.92
4-Methyl-2-pentanone	ND	25	ug/kg	5.4
Styrene	ND	6.1	ug/kg	0.77
1,1,1,2-Tetrachloroethane	ND	6.1	ug/kg	0.69
1,1,2,2-Tetrachloroethane	ND	6.1	ug/kg	0.75
Tetrachloroethene	ND	6.1	ug/kg	0.73
Toluene	ND	6.1	ug/kg	0.85
1,2,4-Trichloro-benzene	ND	6.1	ug/kg	0.90

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Bhate Environmental Associates

Client Sample ID: 0T32-SB07-10

GC/MS Volatiles

Lot-Sample #...: D7G210163-007 **Work Order #...:** J3C0R1AJ **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	6.1	ug/kg	0.64
1,1,2-Trichloroethane	ND	6.1	ug/kg	1.1
Trichloroethene	ND	6.1	ug/kg	0.28
Trichlorofluoromethane	ND	12	ug/kg	1.3
1,2,3-Trichloropropane	ND	6.1	ug/kg	1.0
Vinyl chloride	ND	6.1	ug/kg	1.6
Xylenes (total)	ND	6.1	ug/kg	0.75
n-Butylbenzene	ND	6.1	ug/kg	0.69
sec-Butylbenzene	ND	6.1	ug/kg	0.95
Isopropylbenzene	ND	6.1	ug/kg	0.73
1,2,4-Trimethylbenzene	ND	6.1	ug/kg	0.71
1,3,5-Trimethylbenzene	ND	6.1	ug/kg	0.70
n-Propylbenzene	ND	6.1	ug/kg	0.71
tert-Butylbenzene	ND	6.1	ug/kg	0.61
Dibromochloromethane	ND	6.1	ug/kg	0.70
2-Chlorotoluene	ND	6.1	ug/kg	0.63
4-Chlorotoluene	ND	6.1	ug/kg	0.96
1,2-Dibromo-3-chloropropane (DBCP)	ND	12	ug/kg	0.74
1,3-Dichloropropane	ND	6.1	ug/kg	0.63
2,2-Dichloropropane	ND	6.1	ug/kg	0.54
1,1-Dichloropropene	ND	6.1	ug/kg	0.66
Hexachlorobutadiene	ND	6.1	ug/kg	0.68
4-Isopropyltoluene	ND	6.1	ug/kg	0.60
Methyl tert-butyl ether	ND	25	ug/kg	0.42
1,2,3-Trichlorobenzene	ND	6.1	ug/kg	0.92
m-Xylene & p-Xylene	ND	3.1	ug/kg	1.3
o-Xylene	ND	3.1	ug/kg	0.75
Bromobenzene	ND	6.1	ug/kg	0.60
Bromochloromethane	ND	6.1	ug/kg	0.37
Naphthalene	ND	6.1	ug/kg	0.77

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	116	(75 - 121)
1,2-Dichloroethane-d4	121	(58 - 140)
4-Bromofluorobenzene	110	(76 - 127)
Toluene-d8	97	(80 - 126)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: 0T32-SB07-25

GC/MS Volatiles

Lot-Sample #...: D7G210163-008 **Work Order #...:** J3C0T1AJ **Matrix.....:** SO
Date Sampled...: 07/19/07 15:30 **Date Received..:** 07/21/07
Prep Date.....: 07/21/07 **Analysis Date..:** 07/27/07
Prep Batch #...: 7209112 **Analysis Time..:** 15:21
Dilution Factor: 1.04

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	29	ug/kg	7.7
Benzene	ND	7.1	ug/kg	0.67
Bromodichloromethane	ND	7.1	ug/kg	0.31
Bromoform	ND	7.1	ug/kg	0.33
Bromomethane	ND	14	ug/kg	0.71
2-Butanone (MEK)	ND	29	ug/kg	2.6
Carbon tetrachloride	ND	7.1	ug/kg	0.90
Chlorobenzene	ND	7.1	ug/kg	0.77
Chloroethane	ND	14	ug/kg	1.3
Chloroform	ND	14	ug/kg	0.41
Chloromethane	ND	14	ug/kg	1.1
Dibromomethane	ND	7.1	ug/kg	1.2
1,2-Dibromoethane (EDB)	ND	7.1	ug/kg	0.74
1,2-Dichlorobenzene	ND	7.1	ug/kg	0.64
1,3-Dichlorobenzene	ND	7.1	ug/kg	0.68
1,4-Dichlorobenzene	ND	7.1	ug/kg	1.1
Dichlorodifluoromethane	ND	14	ug/kg	0.74
1,1-Dichloroethane	ND	7.1	ug/kg	0.30
1,2-Dichloroethane	ND	7.1	ug/kg	1.0
1,1-Dichloroethene	ND	7.1	ug/kg	0.84
1,2-Dichloroethene (total)	ND	7.1	ug/kg	0.56
cis-1,2-Dichloroethene	ND	3.6	ug/kg	0.80
trans-1,2-Dichloroethene	ND	3.6	ug/kg	0.56
1,2-Dichloropropane	ND	7.1	ug/kg	0.78
cis-1,3-Dichloropropene	ND	7.1	ug/kg	1.8
trans-1,3-Dichloropropene	ND	7.1	ug/kg	0.96
Ethylbenzene	ND	7.1	ug/kg	0.96
2-Hexanone	ND	29	ug/kg	7.0
Methylene chloride	ND	7.1	ug/kg	1.1
4-Methyl-2-pentanone	ND	29	ug/kg	6.2
Styrene	ND	7.1	ug/kg	0.90
1,1,1,2-Tetrachloroethane	ND	7.1	ug/kg	0.80
1,1,2,2-Tetrachloroethane	ND	7.1	ug/kg	0.87
Tetrachloroethene	ND	7.1	ug/kg	0.84
Toluene	ND	7.1	ug/kg	0.98
1,2,4-Trichloro-benzene	ND	7.1	ug/kg	1.0

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Bhate Environmental Associates

Client Sample ID: 0T32-SB07-25

GC/MS Volatiles

Lot-Sample #...: D7G210163-008 **Work Order #...:** J3C0T1AJ **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	7.1	ug/kg	0.74
1,1,2-Trichloroethane	ND	7.1	ug/kg	1.3
Trichloroethene	ND	7.1	ug/kg	0.33
Trichlorofluoromethane	ND	14	ug/kg	1.5
1,2,3-Trichloropropane	ND	7.1	ug/kg	1.2
Vinyl chloride	ND	7.1	ug/kg	1.9
Xylenes (total)	ND	7.1	ug/kg	0.87
n-Butylbenzene	ND	7.1	ug/kg	0.80
sec-Butylbenzene	ND	7.1	ug/kg	1.1
Isopropylbenzene	ND	7.1	ug/kg	0.84
1,2,4-Trimethylbenzene	ND	7.1	ug/kg	0.83
1,3,5-Trimethylbenzene	ND	7.1	ug/kg	0.81
n-Propylbenzene	ND	7.1	ug/kg	0.83
tert-Butylbenzene	ND	7.1	ug/kg	0.71
Dibromochloromethane	ND	7.1	ug/kg	0.81
2-Chlorotoluene	ND	7.1	ug/kg	0.73
4-Chlorotoluene	ND	7.1	ug/kg	1.1
1,2-Dibromo-3-chloropropane (DBCP)	ND	14	ug/kg	0.86
1,3-Dichloropropane	ND	7.1	ug/kg	0.73
2,2-Dichloropropane	ND	7.1	ug/kg	0.63
1,1-Dichloropropene	ND	7.1	ug/kg	0.77
Hexachlorobutadiene	ND	7.1	ug/kg	0.78
4-Isopropyltoluene	ND	7.1	ug/kg	0.70
Methyl tert-butyl ether	ND	29	ug/kg	0.49
1,2,3-Trichlorobenzene	ND	7.1	ug/kg	1.1
m-Xylene & p-Xylene	ND	3.6	ug/kg	1.5
o-Xylene	ND	3.6	ug/kg	0.87
Bromobenzene	ND	7.1	ug/kg	0.70
Bromochloromethane	ND	7.1	ug/kg	0.43
Naphthalene	ND	7.1	ug/kg	0.90

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	116	(75 - 121)
1,2-Dichloroethane-d4	122	(58 - 140)
4-Bromofluorobenzene	108	(76 - 127)
Toluene-d8	98	(80 - 126)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: TRIP BLANK-COOLER 1

GC/MS Volatiles

Lot-Sample #...: D7G210163-009 **Work Order #...:** J3C0V1AA **Matrix.....:** WQ
Date Sampled...: 07/20/07 **Date Received..:** 07/21/07
Prep Date.....: 07/28/07 **Analysis Date..:** 07/28/07
Prep Batch #...: 7211594 **Analysis Time..:** 19:39
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.9
Benzene	ND	1.0	ug/L	0.16
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	1.0	ug/L	0.19
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	ND	6.0	ug/L	1.8
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	2.0	ug/L	0.30
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	1.0	ug/L	0.14
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	ND	5.0	ug/L	1.4
Methylene chloride	**0.36 J**	**5.0**	**ug/L**	**0.32**
4-Methyl-2-pentanone	ND	5.0	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.32

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Bhate Environmental Associates

Client Sample ID: TRIP BLANK-COOLER 1

GC/MS Volatiles

Lot-Sample #...: D7G210163-009 **Work Order #...:** J3C0V1AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	ND	1.0	ug/L	0.17
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	108	(77 - 119)
1,2-Dichloroethane-d4	100	(70 - 127)
4-Bromofluorobenzene	107	(78 - 118)
Toluene-d8	108	(83 - 125)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: TRIP BLANK-COOLER 2

GC/MS Volatiles

Lot-Sample #...: D7G210163-010 **Work Order #...:** J3C0W1AA **Matrix.....:** WQ
Date Sampled...: 07/20/07 **Date Received..:** 07/21/07
Prep Date.....: 07/28/07 **Analysis Date..:** 07/28/07
Prep Batch #...: 7211594 **Analysis Time..:** 19:57
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**5.3 J**	**10**	**ug/L**	**1.9**
Benzene	ND	1.0	ug/L	0.16
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	1.0	ug/L	0.19
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	ND	6.0	ug/L	1.8
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	2.0	ug/L	0.30
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	1.0	ug/L	0.14
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	ND	5.0	ug/L	1.4
Methylene chloride	**0.37 J**	**5.0**	**ug/L**	**0.32**
4-Methyl-2-pentanone	ND	5.0	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.32

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Bhate Environmental Associates

Client Sample ID: TRIP BLANK-COOLER 2

GC/MS Volatiles

Lot-Sample #...: D7G210163-010 **Work Order #...:** J3C0W1AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	ND	1.0	ug/L	0.17
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	109	(77 - 119)
1,2-Dichloroethane-d4	98	(70 - 127)
4-Bromofluorobenzene	104	(78 - 118)
Toluene-d8	111	(83 - 125)

NOTE(S):

J Estimated result. Result is less than RL.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: 0T32-SB08-20-D

GC/MS Volatiles

Lot-Sample #...: D7G210163-011 **Work Order #...:** J3C011A5 **Matrix.....:** WG
Date Sampled...: 07/19/07 13:05 **Date Received..:** 07/21/07
Prep Date.....: 07/28/07 **Analysis Date..:** 07/28/07
Prep Batch #...: 7211594 **Analysis Time..:** 20:16
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.9
Benzene	ND	1.0	ug/L	0.16
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	1.0	ug/L	0.19
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	ND	6.0	ug/L	1.8
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	2.0	ug/L	0.30
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	1.0	ug/L	0.14
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	ND	5.0	ug/L	1.4
Methylene chloride	ND	5.0	ug/L	0.32
4-Methyl-2-pentanone	ND	5.0	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.32

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Bhate Environmental Associates

Client Sample ID: 0T32-SB08-20-D

GC/MS Volatiles

Lot-Sample #...: D7G210163-011 **Work Order #...:** J3C011A5 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	ND	1.0	ug/L	0.17
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	112	(77 - 119)
1,2-Dichloroethane-d4	100	(70 - 127)
4-Bromofluorobenzene	110	(78 - 118)
Toluene-d8	118	(83 - 125)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: 0T32-TMW12

GC/MS Volatiles

Lot-Sample #...: D7G210163-012 **Work Order #...:** J3C051AG **Matrix.....:** WG
Date Sampled...: 07/19/07 15:37 **Date Received..:** 07/21/07
Prep Date.....: 07/28/07 **Analysis Date..:** 07/28/07
Prep Batch #...: 7211594 **Analysis Time..:** 21:29
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.9
Benzene	ND	1.0	ug/L	0.16
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	1.0	ug/L	0.19
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	ND	6.0	ug/L	1.8
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	**2.6**	**1.0**	**ug/L**	**0.16**
Chloromethane	ND	2.0	ug/L	0.30
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	**0.46 J**	**1.0**	**ug/L**	**0.16**
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	**0.38 J**	**1.0**	**ug/L**	**0.14**
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	ND	5.0	ug/L	1.4
Methylene chloride	ND	5.0	ug/L	0.32
4-Methyl-2-pentanone	ND	5.0	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.32

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Bhate Environmental Associates

Client Sample ID: 0T32-TMW12

GC/MS Volatiles

Lot-Sample #...: D7G210163-012 **Work Order #...:** J3C051AG **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	ND	1.0	ug/L	0.17
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	111	(77 - 119)
1,2-Dichloroethane-d4	105	(70 - 127)
4-Bromofluorobenzene	112	(78 - 118)
Toluene-d8	109	(83 - 125)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: 0T32-TMW11

GC/MS Volatiles

Lot-Sample #...: D7G210163-013 **Work Order #...:** J3C071AP **Matrix.....:** WG
Date Sampled...: 07/20/07 09:22 **Date Received..:** 07/21/07
Prep Date.....: 07/28/07 **Analysis Date..:** 07/28/07
Prep Batch #...: 7211594 **Analysis Time..:** 21:48
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.9
Benzene	ND	1.0	ug/L	0.16
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	1.0	ug/L	0.19
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	ND	6.0	ug/L	1.8
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	2.0	ug/L	0.30
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	1.0	ug/L	0.14
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	ND	5.0	ug/L	1.4
Methylene chloride	ND	5.0	ug/L	0.32
4-Methyl-2-pentanone	ND	5.0	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.32

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Bhate Environmental Associates

Client Sample ID: 0T32-TMW11

GC/MS Volatiles

Lot-Sample #...: D7G210163-013 **Work Order #...:** J3C071AP **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	ND	1.0	ug/L	0.17
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	114	(77 - 119)
1,2-Dichloroethane-d4	108	(70 - 127)
4-Bromofluorobenzene	103	(78 - 118)
Toluene-d8	111	(83 - 125)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: 0T37-MW09

GC/MS Volatiles

Lot-Sample #...: D7G210163-014 **Work Order #...:** J3C091AP **Matrix.....:** WG
Date Sampled...: 07/19/07 16:35 **Date Received..:** 07/21/07
Prep Date.....: 07/28/07 **Analysis Date..:** 07/28/07
Prep Batch #...: 7211594 **Analysis Time..:** 22:06
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**3.2 J**	**10**	**ug/L**	**1.9**
Benzene	ND	1.0	ug/L	0.16
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	1.0	ug/L	0.19
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	ND	6.0	ug/L	1.8
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	**6.6**	**1.0**	**ug/L**	**0.16**
Chloromethane	ND	2.0	ug/L	0.30
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	1.0	ug/L	0.14
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	ND	5.0	ug/L	1.4
Methylene chloride	ND	5.0	ug/L	0.32
4-Methyl-2-pentanone	ND	5.0	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.32

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Bhate Environmental Associates

Client Sample ID: 0T37-MW09

GC/MS Volatiles

Lot-Sample #...: D7G210163-014 **Work Order #...:** J3C091AP **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	ND	1.0	ug/L	0.17
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	118	(77 - 119)
1,2-Dichloroethane-d4	106	(70 - 127)
4-Bromofluorobenzene	114	(78 - 118)
Toluene-d8	121	(83 - 125)

NOTE(S):

J Estimated result. Result is less than RL.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: 0T37-MW10

GC/MS Volatiles

Lot-Sample #...: D7G210163-015 **Work Order #...:** J3C1G1AP **Matrix.....:** WG
Date Sampled...: 07/20/07 08:30 **Date Received..:** 07/21/07
Prep Date.....: 07/28/07 **Analysis Date..:** 07/28/07
Prep Batch #...: 7211594 **Analysis Time..:** 22:24
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.9
Benzene	ND	1.0	ug/L	0.16
Bromodichloromethane	**0.59 J**	**1.0**	**ug/L**	**0.17**
Bromoform	ND	1.0	ug/L	0.19
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	ND	6.0	ug/L	1.8
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	**2.1**	**1.0**	**ug/L**	**0.16**
Chloromethane	ND	2.0	ug/L	0.30
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	1.0	ug/L	0.14
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	ND	5.0	ug/L	1.4
Methylene chloride	ND	5.0	ug/L	0.32
4-Methyl-2-pentanone	ND	5.0	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.32

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Bhate Environmental Associates

Client Sample ID: 0T37-MW10

GC/MS Volatiles

Lot-Sample #...: D7G210163-015 **Work Order #...:** J3C1G1AP **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	ND	1.0	ug/L	0.17
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	116	(77 - 119)
1,2-Dichloroethane-d4	108	(70 - 127)
4-Bromofluorobenzene	108	(78 - 118)
Toluene-d8	113	(83 - 125)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: TRIP BLANK-COOLER 4

GC/MS Volatiles

Lot-Sample #...: D7G210163-016 **Work Order #...:** J3C1H1AA **Matrix.....:** WQ
Date Sampled...: 07/20/07 **Date Received..:** 07/21/07
Prep Date.....: 07/28/07 **Analysis Date..:** 07/28/07
Prep Batch #...: 7211594 **Analysis Time..:** 22:43
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.9
Benzene	ND	1.0	ug/L	0.16
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	1.0	ug/L	0.19
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	ND	6.0	ug/L	1.8
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	2.0	ug/L	0.30
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	1.0	ug/L	0.14
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	ND	5.0	ug/L	1.4
Methylene chloride	**0.35 J**	**5.0**	**ug/L**	**0.32**
4-Methyl-2-pentanone	ND	5.0	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.32

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Bhate Environmental Associates

Client Sample ID: TRIP BLANK-COOLER 4

GC/MS Volatiles

Lot-Sample #...: D7G210163-016 **Work Order #...:** J3C1H1AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	ND	1.0	ug/L	0.17
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	107	(77 - 119)
1,2-Dichloroethane-d4	95	(70 - 127)
4-Bromofluorobenzene	109	(78 - 118)
Toluene-d8	113	(83 - 125)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: 0T32-TMW10

GC/MS Volatiles

Lot-Sample #...: D7G210163-017 **Work Order #...:** J3C1J1A5 **Matrix.....:** WG
Date Sampled...: 07/20/07 11:00 **Date Received..:** 07/21/07
Prep Date.....: 07/28/07 **Analysis Date..:** 07/28/07
Prep Batch #...: 7211594 **Analysis Time..:** 23:01
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**41**	**10**	**ug/L**	**1.9**
Benzene	ND	1.0	ug/L	0.16
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	1.0	ug/L	0.19
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	**3.2 J**	**6.0**	**ug/L**	**1.8**
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	**6.0**	**1.0**	**ug/L**	**0.16**
Chloromethane	ND	2.0	ug/L	0.30
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	**0.27 J**	**1.0**	**ug/L**	**0.16**
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	**0.24 J**	**1.0**	**ug/L**	**0.14**
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	ND	5.0	ug/L	1.4
Methylene chloride	ND	5.0	ug/L	0.32
4-Methyl-2-pentanone	ND	5.0	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	**0.19 J**	**1.0**	**ug/L**	**0.17**
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.32

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Bhate Environmental Associates

Client Sample ID: 0T32-TMW10

GC/MS Volatiles

Lot-Sample #...: D7G210163-017 **Work Order #...:** J3C1J1A5 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	**9.5**	**1.0**	**ug/L**	**0.17**
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	118	(77 - 119)
1,2-Dichloroethane-d4	111	(70 - 127)
4-Bromofluorobenzene	107	(78 - 118)
Toluene-d8	116	(83 - 125)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: 0T32-TMW09

GC/MS Volatiles

Lot-Sample #...: D7G210163-018 **Work Order #...:** J3C1L1AG **Matrix.....:** WG
Date Sampled...: 07/20/07 11:27 **Date Received..:** 07/21/07
Prep Date.....: 07/28/07 **Analysis Date..:** 07/28/07
Prep Batch #...: 7211594 **Analysis Time..:** 23:20
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.9
Benzene	**0.49 J**	**1.0**	**ug/L**	**0.16**
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	1.0	ug/L	0.19
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	ND	6.0	ug/L	1.8
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	**17**	**1.0**	**ug/L**	**0.16**
Chloromethane	ND	2.0	ug/L	0.30
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	**0.60 J**	**1.0**	**ug/L**	**0.16**
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	**10**	**1.0**	**ug/L**	**0.16**
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	**18**	**1.0**	**ug/L**	**0.14**
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	ND	5.0	ug/L	1.4
Methylene chloride	**0.51 J**	**5.0**	**ug/L**	**0.32**
4-Methyl-2-pentanone	ND	5.0	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.32

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Bhate Environmental Associates

Client Sample ID: 0T32-TMW09

GC/MS Volatiles

Lot-Sample #...: D7G210163-018 **Work Order #...:** J3C1L1AG **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	**0.55 J**	**1.0**	**ug/L**	**0.32**
Trichloroethene	**0.18 J**	**1.0**	**ug/L**	**0.16**
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	**0.18 J**	**1.0**	**ug/L**	**0.17**
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	116	(77 - 119)
1,2-Dichloroethane-d4	115	(70 - 127)
4-Bromofluorobenzene	108	(78 - 118)
Toluene-d8	106	(83 - 125)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: 0T32-SB06-15

GC/MS Volatiles

Lot-Sample #...: D7G210163-019 **Work Order #...:** J3C1P1A8 **Matrix.....:** SO
Date Sampled...: 07/20/07 10:00 **Date Received..:** 07/21/07
Prep Date.....: 07/21/07 **Analysis Date..:** 07/27/07
Prep Batch #...: 7209112 **Analysis Time..:** 16:55
Dilution Factor: 1.13

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	29	ug/kg	7.7
Benzene	ND	7.2	ug/kg	0.67
Bromodichloromethane	ND	7.2	ug/kg	0.31
Bromoform	ND	7.2	ug/kg	0.33
Bromomethane	ND	14	ug/kg	0.72
2-Butanone (MEK)	ND	29	ug/kg	2.6
Carbon tetrachloride	ND	7.2	ug/kg	0.90
Chlorobenzene	ND	7.2	ug/kg	0.77
Chloroethane	ND	14	ug/kg	1.3
Chloroform	ND	14	ug/kg	0.41
Chloromethane	ND	14	ug/kg	1.1
Dibromomethane	ND	7.2	ug/kg	1.2
1,2-Dibromoethane (EDB)	ND	7.2	ug/kg	0.74
1,2-Dichlorobenzene	ND	7.2	ug/kg	0.64
1,3-Dichlorobenzene	ND	7.2	ug/kg	0.69
1,4-Dichlorobenzene	ND	7.2	ug/kg	1.1
Dichlorodifluoromethane	ND	14	ug/kg	0.74
1,1-Dichloroethane	ND	7.2	ug/kg	0.30
1,2-Dichloroethane	ND	7.2	ug/kg	1.0
1,1-Dichloroethene	ND	7.2	ug/kg	0.84
1,2-Dichloroethene (total)	ND	7.2	ug/kg	0.56
cis-1,2-Dichloroethene	ND	3.6	ug/kg	0.80
trans-1,2-Dichloroethene	ND	3.6	ug/kg	0.56
1,2-Dichloropropane	ND	7.2	ug/kg	0.79
cis-1,3-Dichloropropene	ND	7.2	ug/kg	1.8
trans-1,3-Dichloropropene	ND	7.2	ug/kg	0.96
Ethylbenzene	ND	7.2	ug/kg	0.96
2-Hexanone	ND	29	ug/kg	7.0
Methylene chloride	ND	7.2	ug/kg	1.1
4-Methyl-2-pentanone	ND	29	ug/kg	6.2
Styrene	ND	7.2	ug/kg	0.90
1,1,1,2-Tetrachloroethane	ND	7.2	ug/kg	0.80
1,1,2,2-Tetrachloroethane	ND	7.2	ug/kg	0.87
Tetrachloroethene	ND	7.2	ug/kg	0.84
Toluene	ND	7.2	ug/kg	0.99
1,2,4-Trichloro-benzene	ND	7.2	ug/kg	1.0

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Bhate Environmental Associates

Client Sample ID: 0T32-SB06-15

GC/MS Volatiles

Lot-Sample #...: D7G210163-019 **Work Order #...:** J3C1P1A8 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	7.2	ug/kg	0.74
1,1,2-Trichloroethane	ND	7.2	ug/kg	1.3
Trichloroethene	ND	7.2	ug/kg	0.33
Trichlorofluoromethane	ND	14	ug/kg	1.5
1,2,3-Trichloropropane	ND	7.2	ug/kg	1.2
Vinyl chloride	ND	7.2	ug/kg	1.9
Xylenes (total)	ND	7.2	ug/kg	0.87
n-Butylbenzene	ND	7.2	ug/kg	0.80
sec-Butylbenzene	ND	7.2	ug/kg	1.1
Isopropylbenzene	ND	7.2	ug/kg	0.84
1,2,4-Trimethylbenzene	ND	7.2	ug/kg	0.83
1,3,5-Trimethylbenzene	ND	7.2	ug/kg	0.82
n-Propylbenzene	ND	7.2	ug/kg	0.83
tert-Butylbenzene	ND	7.2	ug/kg	0.72
Dibromochloromethane	ND	7.2	ug/kg	0.82
2-Chlorotoluene	ND	7.2	ug/kg	0.73
4-Chlorotoluene	ND	7.2	ug/kg	1.1
1,2-Dibromo-3-chloropropane (DBCP)	ND	14	ug/kg	0.86
1,3-Dichloropropane	ND	7.2	ug/kg	0.73
2,2-Dichloropropane	ND	7.2	ug/kg	0.63
1,1-Dichloropropene	ND	7.2	ug/kg	0.77
Hexachlorobutadiene	ND	7.2	ug/kg	0.79
4-Isopropyltoluene	ND	7.2	ug/kg	0.70
Methyl tert-butyl ether	ND	29	ug/kg	0.49
1,2,3-Trichlorobenzene	ND	7.2	ug/kg	1.1
m-Xylene & p-Xylene	ND	3.6	ug/kg	1.5
o-Xylene	ND	3.6	ug/kg	0.87
Bromobenzene	ND	7.2	ug/kg	0.70
Bromochloromethane	ND	7.2	ug/kg	0.43
Naphthalene	ND	7.2	ug/kg	0.90

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	99	(75 - 121)
1,2-Dichloroethane-d4	102	(58 - 140)
4-Bromofluorobenzene	96	(76 - 127)
Toluene-d8	86	(80 - 126)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: 0T32-SB06-25

GC/MS Volatiles

Lot-Sample #...: D7G210163-020 **Work Order #...:** J3C131AK **Matrix.....:** SO
Date Sampled...: 07/20/07 10:15 **Date Received..:** 07/21/07
Prep Date.....: 07/21/07 **Analysis Date..:** 07/27/07
Prep Batch #...: 7209112 **Analysis Time..:** 17:18
Dilution Factor: 0.96
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	26	ug/kg	7.0
Benzene	ND	6.5	ug/kg	0.61
Bromodichloromethane	ND	6.5	ug/kg	0.29
Bromoform	ND	6.5	ug/kg	0.30
Bromomethane	ND	13	ug/kg	0.65
2-Butanone (MEK)	ND	26	ug/kg	2.4
Carbon tetrachloride	ND	6.5	ug/kg	0.82
Chlorobenzene	ND	6.5	ug/kg	0.71
Chloroethane	ND	13	ug/kg	1.2
Chloroform	ND	13	ug/kg	0.38
Chloromethane	ND	13	ug/kg	1.0
Dibromomethane	ND	6.5	ug/kg	1.1
1,2-Dibromoethane (EDB)	ND	6.5	ug/kg	0.68
1,2-Dichlorobenzene	ND	6.5	ug/kg	0.59
1,3-Dichlorobenzene	ND	6.5	ug/kg	0.63
1,4-Dichlorobenzene	ND	6.5	ug/kg	1.0
Dichlorodifluoromethane	ND	13	ug/kg	0.68
1,1-Dichloroethane	ND	6.5	ug/kg	0.27
1,2-Dichloroethane	ND	6.5	ug/kg	0.91
1,1-Dichloroethene	ND	6.5	ug/kg	0.77
1,2-Dichloroethene (total)	ND	6.5	ug/kg	0.51
cis-1,2-Dichloroethene	ND	3.3	ug/kg	0.73
trans-1,2-Dichloroethene	ND	3.3	ug/kg	0.51
1,2-Dichloropropane	ND	6.5	ug/kg	0.72
cis-1,3-Dichloropropene	ND	6.5	ug/kg	1.7
trans-1,3-Dichloropropene	ND	6.5	ug/kg	0.88
Ethylbenzene	ND	6.5	ug/kg	0.88
2-Hexanone	ND	26	ug/kg	6.4
Methylene chloride	ND	6.5	ug/kg	0.98
4-Methyl-2-pentanone	ND	26	ug/kg	5.7
Styrene	ND	6.5	ug/kg	0.82
1,1,1,2-Tetrachloroethane	ND	6.5	ug/kg	0.73
1,1,2,2-Tetrachloroethane	ND	6.5	ug/kg	0.80
Tetrachloroethene	ND	6.5	ug/kg	0.77
Toluene	ND	6.5	ug/kg	0.90
1,2,4-Trichlorobenzene	ND	6.5	ug/kg	0.95

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Bhate Environmental Associates

Client Sample ID: 0T32-SB06-25

GC/MS Volatiles

Lot-Sample #...: D7G210163-020 **Work Order #...:** J3C131AK **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	6.5	ug/kg	0.68
1,1,2-Trichloroethane	ND	6.5	ug/kg	1.1
Trichloroethene	ND	6.5	ug/kg	0.30
Trichlorofluoromethane	ND	13	ug/kg	1.4
1,2,3-Trichloropropane	ND	6.5	ug/kg	1.1
Vinyl chloride	ND	6.5	ug/kg	1.8
Xylenes (total)	ND	6.5	ug/kg	0.80
n-Butylbenzene	ND	6.5	ug/kg	0.73
sec-Butylbenzene	ND	6.5	ug/kg	1.0
Isopropylbenzene	ND	6.5	ug/kg	0.77
1,2,4-Trimethylbenzene	ND	6.5	ug/kg	0.76
1,3,5-Trimethylbenzene	ND	6.5	ug/kg	0.74
n-Propylbenzene	ND	6.5	ug/kg	0.76
tert-Butylbenzene	ND	6.5	ug/kg	0.65
Dibromochloromethane	ND	6.5	ug/kg	0.74
2-Chlorotoluene	ND	6.5	ug/kg	0.67
4-Chlorotoluene	ND	6.5	ug/kg	1.0
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/kg	0.78
1,3-Dichloropropane	ND	6.5	ug/kg	0.67
2,2-Dichloropropane	ND	6.5	ug/kg	0.57
1,1-Dichloropropene	ND	6.5	ug/kg	0.71
Hexachlorobutadiene	ND	6.5	ug/kg	0.72
4-Isopropyltoluene	ND	6.5	ug/kg	0.64
Methyl tert-butyl ether	ND	26	ug/kg	0.44
1,2,3-Trichlorobenzene	ND	6.5	ug/kg	0.98
m-Xylene & p-Xylene	ND	3.3	ug/kg	1.4
o-Xylene	ND	3.3	ug/kg	0.80
Bromobenzene	ND	6.5	ug/kg	0.64
Bromochloromethane	ND	6.5	ug/kg	0.39
Naphthalene	ND	6.5	ug/kg	0.82

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	114	(75 - 121)
1,2-Dichloroethane-d4	117	(58 - 140)
4-Bromofluorobenzene	111	(76 - 127)
Toluene-d8	98	(80 - 126)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: 0T32-SB06-25A

GC/MS Volatiles

Lot-Sample #...: D7G210163-021 **Work Order #...:** J3C151AW **Matrix.....:** SO
Date Sampled...: 07/20/07 10:15 **Date Received..:** 07/21/07
Prep Date.....: 07/21/07 **Analysis Date..:** 07/27/07
Prep Batch #...: 7209112 **Analysis Time..:** 17:42
Dilution Factor: 0.96

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	26	ug/kg	6.9
Benzene	ND	6.4	ug/kg	0.60
Bromodichloromethane	ND	6.4	ug/kg	0.28
Bromoform	ND	6.4	ug/kg	0.30
Bromomethane	ND	13	ug/kg	0.64
2-Butanone (MEK)	ND	26	ug/kg	2.4
Carbon tetrachloride	ND	6.4	ug/kg	0.81
Chlorobenzene	ND	6.4	ug/kg	0.69
Chloroethane	ND	13	ug/kg	1.1
Chloroform	ND	13	ug/kg	0.37
Chloromethane	ND	13	ug/kg	0.99
Dibromomethane	ND	6.4	ug/kg	1.1
1,2-Dibromoethane (EDB)	ND	6.4	ug/kg	0.67
1,2-Dichlorobenzene	ND	6.4	ug/kg	0.58
1,3-Dichlorobenzene	ND	6.4	ug/kg	0.62
1,4-Dichlorobenzene	ND	6.4	ug/kg	1.0
Dichlorodifluoromethane	ND	13	ug/kg	0.67
1,1-Dichloroethane	ND	6.4	ug/kg	0.27
1,2-Dichloroethane	ND	6.4	ug/kg	0.90
1,1-Dichloroethene	ND	6.4	ug/kg	0.76
1,2-Dichloroethene (total)	ND	6.4	ug/kg	0.50
cis-1,2-Dichloroethene	ND	3.2	ug/kg	0.72
trans-1,2-Dichloroethene	ND	3.2	ug/kg	0.50
1,2-Dichloropropane	ND	6.4	ug/kg	0.71
cis-1,3-Dichloropropene	ND	6.4	ug/kg	1.7
trans-1,3-Dichloropropene	ND	6.4	ug/kg	0.86
Ethylbenzene	ND	6.4	ug/kg	0.86
2-Hexanone	ND	26	ug/kg	6.3
Methylene chloride	ND	6.4	ug/kg	0.96
4-Methyl-2-pentanone	ND	26	ug/kg	5.6
Styrene	ND	6.4	ug/kg	0.81
1,1,1,2-Tetrachloroethane	ND	6.4	ug/kg	0.72
1,1,2,2-Tetrachloroethane	ND	6.4	ug/kg	0.78
Tetrachloroethene	ND	6.4	ug/kg	0.76
Toluene	ND	6.4	ug/kg	0.89
1,2,4-Trichloro-benzene	ND	6.4	ug/kg	0.94

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Bhate Environmental Associates

Client Sample ID: 0T32-SB06-25A

GC/MS Volatiles

Lot-Sample #...: D7G210163-021 **Work Order #...:** J3C151AW **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	6.4	ug/kg	0.67
1,1,2-Trichloroethane	ND	6.4	ug/kg	1.1
Trichloroethene	ND	6.4	ug/kg	0.30
Trichlorofluoromethane	ND	13	ug/kg	1.3
1,2,3-Trichloropropane	ND	6.4	ug/kg	1.0
Vinyl chloride	ND	6.4	ug/kg	1.7
Xylenes (total)	ND	6.4	ug/kg	0.78
n-Butylbenzene	ND	6.4	ug/kg	0.72
sec-Butylbenzene	ND	6.4	ug/kg	0.99
Isopropylbenzene	ND	6.4	ug/kg	0.76
1,2,4-Trimethylbenzene	ND	6.4	ug/kg	0.75
1,3,5-Trimethylbenzene	ND	6.4	ug/kg	0.73
n-Propylbenzene	ND	6.4	ug/kg	0.75
tert-Butylbenzene	ND	6.4	ug/kg	0.64
Dibromochloromethane	ND	6.4	ug/kg	0.73
2-Chlorotoluene	ND	6.4	ug/kg	0.66
4-Chlorotoluene	ND	6.4	ug/kg	1.0
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/kg	0.77
1,3-Dichloropropane	ND	6.4	ug/kg	0.66
2,2-Dichloropropane	ND	6.4	ug/kg	0.57
1,1-Dichloropropene	ND	6.4	ug/kg	0.69
Hexachlorobutadiene	ND	6.4	ug/kg	0.71
4-Isopropyltoluene	ND	6.4	ug/kg	0.63
Methyl tert-butyl ether	ND	26	ug/kg	0.44
1,2,3-Trichlorobenzene	ND	6.4	ug/kg	0.96
m-Xylene & p-Xylene	ND	3.2	ug/kg	1.3
o-Xylene	ND	3.2	ug/kg	0.78
Bromobenzene	ND	6.4	ug/kg	0.63
Bromochloromethane	ND	6.4	ug/kg	0.39
Naphthalene	ND	6.4	ug/kg	0.81

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	111	(75 - 121)
1,2-Dichloroethane-d4	113	(58 - 140)
4-Bromofluorobenzene	108	(76 - 127)
Toluene-d8	95	(80 - 126)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: 0T32-SB05-15

GC/MS Volatiles

Lot-Sample #...: D7G210163-022 **Work Order #...:** J3C181A8 **Matrix.....:** SO
Date Sampled...: 07/20/07 11:45 **Date Received..:** 07/21/07
Prep Date.....: 07/21/07 **Analysis Date..:** 07/27/07
Prep Batch #...: 7209112 **Analysis Time..:** 18:05
Dilution Factor: 1.09

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	26	ug/kg	7.0
Benzene	ND	6.5	ug/kg	0.61
Bromodichloromethane	ND	6.5	ug/kg	0.29
Bromoform	ND	6.5	ug/kg	0.30
Bromomethane	ND	13	ug/kg	0.65
2-Butanone (MEK)	ND	26	ug/kg	2.4
Carbon tetrachloride	ND	6.5	ug/kg	0.82
Chlorobenzene	ND	6.5	ug/kg	0.70
Chloroethane	ND	13	ug/kg	1.2
Chloroform	ND	13	ug/kg	0.38
Chloromethane	ND	13	ug/kg	1.0
Dibromomethane	ND	6.5	ug/kg	1.1
1,2-Dibromoethane (EDB)	ND	6.5	ug/kg	0.68
1,2-Dichlorobenzene	ND	6.5	ug/kg	0.59
1,3-Dichlorobenzene	ND	6.5	ug/kg	0.63
1,4-Dichlorobenzene	ND	6.5	ug/kg	1.0
Dichlorodifluoromethane	ND	13	ug/kg	0.68
1,1-Dichloroethane	ND	6.5	ug/kg	0.27
1,2-Dichloroethane	ND	6.5	ug/kg	0.91
1,1-Dichloroethene	ND	6.5	ug/kg	0.77
1,2-Dichloroethene (total)	ND	6.5	ug/kg	0.51
cis-1,2-Dichloroethene	ND	3.3	ug/kg	0.73
trans-1,2-Dichloroethene	ND	3.3	ug/kg	0.51
1,2-Dichloropropane	ND	6.5	ug/kg	0.72
cis-1,3-Dichloropropene	ND	6.5	ug/kg	1.7
trans-1,3-Dichloropropene	ND	6.5	ug/kg	0.87
Ethylbenzene	ND	6.5	ug/kg	0.87
2-Hexanone	ND	26	ug/kg	6.4
Methylene chloride	ND	6.5	ug/kg	0.98
4-Methyl-2-pentanone	ND	26	ug/kg	5.7
Styrene	ND	6.5	ug/kg	0.82
1,1,1,2-Tetrachloroethane	ND	6.5	ug/kg	0.73
1,1,2,2-Tetrachloroethane	ND	6.5	ug/kg	0.80
Tetrachloroethene	ND	6.5	ug/kg	0.77
Toluene	ND	6.5	ug/kg	0.90
1,2,4-Trichloro-benzene	ND	6.5	ug/kg	0.95

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Bhate Environmental Associates

Client Sample ID: 0T32-SB05-15

GC/MS Volatiles

Lot-Sample #...: D7G210163-022 **Work Order #...:** J3C181A8 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	6.5	ug/kg	0.68
1,1,2-Trichloroethane	ND	6.5	ug/kg	1.1
Trichloroethene	ND	6.5	ug/kg	0.30
Trichlorofluoromethane	ND	13	ug/kg	1.4
1,2,3-Trichloropropane	ND	6.5	ug/kg	1.1
Vinyl chloride	ND	6.5	ug/kg	1.7
Xylenes (total)	ND	6.5	ug/kg	0.80
n-Butylbenzene	ND	6.5	ug/kg	0.73
sec-Butylbenzene	ND	6.5	ug/kg	1.0
Isopropylbenzene	ND	6.5	ug/kg	0.77
1,2,4-Trimethylbenzene	ND	6.5	ug/kg	0.76
1,3,5-Trimethylbenzene	ND	6.5	ug/kg	0.74
n-Propylbenzene	ND	6.5	ug/kg	0.76
tert-Butylbenzene	ND	6.5	ug/kg	0.65
Dibromochloromethane	ND	6.5	ug/kg	0.74
2-Chlorotoluene	ND	6.5	ug/kg	0.67
4-Chlorotoluene	ND	6.5	ug/kg	1.0
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/kg	0.78
1,3-Dichloropropane	ND	6.5	ug/kg	0.67
2,2-Dichloropropane	ND	6.5	ug/kg	0.57
1,1-Dichloropropene	ND	6.5	ug/kg	0.70
Hexachlorobutadiene	ND	6.5	ug/kg	0.72
4-Isopropyltoluene	ND	6.5	ug/kg	0.64
Methyl tert-butyl ether	ND	26	ug/kg	0.44
1,2,3-Trichlorobenzene	ND	6.5	ug/kg	0.98
m-Xylene & p-Xylene	ND	3.3	ug/kg	1.4
o-Xylene	ND	3.3	ug/kg	0.80
Bromobenzene	ND	6.5	ug/kg	0.64
Bromochloromethane	ND	6.5	ug/kg	0.39
Naphthalene	ND	6.5	ug/kg	0.82

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	100	(75 - 121)
1,2-Dichloroethane-d4	103	(58 - 140)
4-Bromofluorobenzene	97	(76 - 127)
Toluene-d8	86	(80 - 126)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: 0T32-SB05-25

GC/MS Volatiles

Lot-Sample #...: D7G210163-023 **Work Order #...:** J3C191AK **Matrix.....:** SO
Date Sampled...: 07/20/07 12:00 **Date Received..:** 07/21/07
Prep Date.....: 07/21/07 **Analysis Date..:** 07/27/07
Prep Batch #...: 7209112 **Analysis Time..:** 18:29
Dilution Factor: 1.12

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	28	ug/kg	7.7
Benzene	ND	7.1	ug/kg	0.67
Bromodichloromethane	ND	7.1	ug/kg	0.31
Bromoform	ND	7.1	ug/kg	0.33
Bromomethane	ND	14	ug/kg	0.71
2-Butanone (MEK)	ND	28	ug/kg	2.6
Carbon tetrachloride	ND	7.1	ug/kg	0.90
Chlorobenzene	ND	7.1	ug/kg	0.77
Chloroethane	ND	14	ug/kg	1.3
Chloroform	ND	14	ug/kg	0.41
Chloromethane	ND	14	ug/kg	1.1
Dibromomethane	ND	7.1	ug/kg	1.2
1,2-Dibromoethane (EDB)	ND	7.1	ug/kg	0.74
1,2-Dichlorobenzene	ND	7.1	ug/kg	0.64
1,3-Dichlorobenzene	ND	7.1	ug/kg	0.68
1,4-Dichlorobenzene	ND	7.1	ug/kg	1.1
Dichlorodifluoromethane	ND	14	ug/kg	0.74
1,1-Dichloroethane	ND	7.1	ug/kg	0.30
1,2-Dichloroethane	ND	7.1	ug/kg	1.0
1,1-Dichloroethene	ND	7.1	ug/kg	0.84
1,2-Dichloroethene (total)	ND	7.1	ug/kg	0.56
cis-1,2-Dichloroethene	ND	3.6	ug/kg	0.80
trans-1,2-Dichloroethene	ND	3.6	ug/kg	0.56
1,2-Dichloropropane	ND	7.1	ug/kg	0.78
cis-1,3-Dichloropropene	ND	7.1	ug/kg	1.8
trans-1,3-Dichloropropene	ND	7.1	ug/kg	0.95
Ethylbenzene	ND	7.1	ug/kg	0.95
2-Hexanone	ND	28	ug/kg	7.0
Methylene chloride	ND	7.1	ug/kg	1.1
4-Methyl-2-pentanone	ND	28	ug/kg	6.2
Styrene	ND	7.1	ug/kg	0.90
1,1,1,2-Tetrachloroethane	ND	7.1	ug/kg	0.80
1,1,2,2-Tetrachloroethane	ND	7.1	ug/kg	0.87
Tetrachloroethene	ND	7.1	ug/kg	0.84
Toluene	ND	7.1	ug/kg	0.98
1,2,4-Trichloro-benzene	ND	7.1	ug/kg	1.0

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Bhate Environmental Associates

Client Sample ID: 0T32-SB05-25

GC/MS Volatiles

Lot-Sample #...: D7G210163-023 **Work Order #...:** J3C191AK **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	7.1	ug/kg	0.74
1,1,2-Trichloroethane	ND	7.1	ug/kg	1.3
Trichloroethene	ND	7.1	ug/kg	0.33
Trichlorofluoromethane	ND	14	ug/kg	1.5
1,2,3-Trichloropropane	ND	7.1	ug/kg	1.2
Vinyl chloride	ND	7.1	ug/kg	1.9
Xylenes (total)	ND	7.1	ug/kg	0.87
n-Butylbenzene	ND	7.1	ug/kg	0.80
sec-Butylbenzene	ND	7.1	ug/kg	1.1
Isopropylbenzene	ND	7.1	ug/kg	0.84
1,2,4-Trimethylbenzene	ND	7.1	ug/kg	0.83
1,3,5-Trimethylbenzene	ND	7.1	ug/kg	0.81
n-Propylbenzene	ND	7.1	ug/kg	0.83
tert-Butylbenzene	ND	7.1	ug/kg	0.71
Dibromochloromethane	ND	7.1	ug/kg	0.81
2-Chlorotoluene	ND	7.1	ug/kg	0.73
4-Chlorotoluene	ND	7.1	ug/kg	1.1
1,2-Dibromo-3-chloropropane (DBCP)	ND	14	ug/kg	0.85
1,3-Dichloropropane	ND	7.1	ug/kg	0.73
2,2-Dichloropropane	ND	7.1	ug/kg	0.63
1,1-Dichloropropene	ND	7.1	ug/kg	0.77
Hexachlorobutadiene	ND	7.1	ug/kg	0.78
4-Isopropyltoluene	ND	7.1	ug/kg	0.70
Methyl tert-butyl ether	ND	28	ug/kg	0.48
1,2,3-Trichlorobenzene	ND	7.1	ug/kg	1.1
m-Xylene & p-Xylene	ND	3.6	ug/kg	1.5
o-Xylene	ND	3.6	ug/kg	0.87
Bromobenzene	ND	7.1	ug/kg	0.70
Bromochloromethane	ND	7.1	ug/kg	0.43
Naphthalene	ND	7.1	ug/kg	0.90

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	118	(75 - 121)
1,2-Dichloroethane-d4	121	(58 - 140)
4-Bromofluorobenzene	113	(76 - 127)
Toluene-d8	98	(80 - 126)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: TRIP BLANK-COOLER 5

GC/MS Volatiles

Lot-Sample #...: D7G210163-024 **Work Order #...:** J3C2C1AA **Matrix.....:** WQ
Date Sampled...: 07/20/07 **Date Received..:** 07/21/07
Prep Date.....: 07/28/07 **Analysis Date..:** 07/28/07
Prep Batch #...: 7211594 **Analysis Time..:** 23:38
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.9
Benzene	ND	1.0	ug/L	0.16
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	1.0	ug/L	0.19
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	ND	6.0	ug/L	1.8
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	2.0	ug/L	0.30
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	1.0	ug/L	0.14
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	ND	5.0	ug/L	1.4
Methylene chloride	ND	5.0	ug/L	0.32
4-Methyl-2-pentanone	ND	5.0	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.32

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Bhate Environmental Associates

Client Sample ID: TRIP BLANK-COOLER 5

GC/MS Volatiles

Lot-Sample #...: D7G210163-024 **Work Order #...:** J3C2C1AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	ND	1.0	ug/L	0.17
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	109	(77 - 119)
1,2-Dichloroethane-d4	92	(70 - 127)
4-Bromofluorobenzene	117	(78 - 118)
Toluene-d8	120	(83 - 125)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: TRIP BLANK-COOLER 6

GC/MS Volatiles

Lot-Sample #...: D7G210163-025 **Work Order #...:** J3C2F1AA **Matrix.....:** WQ
Date Sampled...: 07/20/07 **Date Received..:** 07/21/07
Prep Date.....: 07/28/07 **Analysis Date..:** 07/28/07
Prep Batch #...: 7211594 **Analysis Time..:** 23:56
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.9
Benzene	ND	1.0	ug/L	0.16
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	1.0	ug/L	0.19
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	ND	6.0	ug/L	1.8
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	2.0	ug/L	0.30
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	1.0	ug/L	0.14
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	ND	5.0	ug/L	1.4
Methylene chloride	**0.34 J**	**5.0**	**ug/L**	**0.32**
4-Methyl-2-pentanone	ND	5.0	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.32

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Bhate Environmental Associates

Client Sample ID: TRIP BLANK-COOLER 6

GC/MS Volatiles

Lot-Sample #...: D7G210163-025 **Work Order #...:** J3C2F1AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	ND	1.0	ug/L	0.17
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	108	(77 - 119)
1,2-Dichloroethane-d4	96	(70 - 127)
4-Bromofluorobenzene	106	(78 - 118)
Toluene-d8	110	(83 - 125)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: TRIP BLANK-COOLER 7

GC/MS Volatiles

Lot-Sample #...: D7G210163-026 **Work Order #...:** J3C2G1AA **Matrix.....:** WQ
Date Sampled...: 07/20/07 **Date Received..:** 07/21/07
Prep Date.....: 07/28/07 **Analysis Date..:** 07/29/07
Prep Batch #...: 7211594 **Analysis Time..:** 00:15
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.9
Benzene	ND	1.0	ug/L	0.16
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	1.0	ug/L	0.19
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	ND	6.0	ug/L	1.8
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	2.0	ug/L	0.30
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	1.0	ug/L	0.14
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	ND	5.0	ug/L	1.4
Methylene chloride	**0.35 J**	**5.0**	**ug/L**	**0.32**
4-Methyl-2-pentanone	ND	5.0	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.32

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Bhate Environmental Associates

Client Sample ID: TRIP BLANK-COOLER 7

GC/MS Volatiles

Lot-Sample #...: D7G210163-026 **Work Order #...:** J3C2G1AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	ND	1.0	ug/L	0.17
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	109	(77 - 119)
1,2-Dichloroethane-d4	95	(70 - 127)
4-Bromofluorobenzene	108	(78 - 118)
Toluene-d8	112	(83 - 125)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: 0T32-SB04-15

GC/MS Semivolatiles

Lot-Sample #...: D7G210163-001 **Work Order #...:** J3CXR1AD **Matrix.....:** SO
Date Sampled...: 07/20/07 14:00 **Date Received..:** 07/21/07
Prep Date.....: 07/24/07 **Analysis Date..:** 07/26/07
Prep Batch #...: 7205085 **Analysis Time..:** 13:33
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	400	ug/kg	13
Acenaphthylene	ND	400	ug/kg	21
Acetophenone	ND	400	ug/kg	24
Anthracene	ND	400	ug/kg	21
Benzo(a)anthracene	ND	800	ug/kg	24
Benzo(b)fluoranthene	ND	800	ug/kg	32
Benzo(k)fluoranthene	ND	800	ug/kg	49
Benzo(ghi)perylene	ND	800	ug/kg	20
Benzo(a)pyrene	ND	800	ug/kg	24
bis(2-Chloroethoxy) methane	ND	400	ug/kg	28
bis(2-Chloroethyl)-ether	ND	800	ug/kg	20
bis(2-Ethylhexyl) phthalate	ND	800	ug/kg	56
4-Bromophenyl phenyl ether	ND	800	ug/kg	23
Butyl benzyl phthalate	ND	800	ug/kg	52
4-Chloroaniline	ND	1600	ug/kg	25
4-Chloro-3-methylphenol	ND	1600	ug/kg	29
2-Chloronaphthalene	ND	400	ug/kg	12
2-Chlorophenol	ND	800	ug/kg	26
4-Chlorophenyl phenyl ether	ND	800	ug/kg	26
Chrysene	ND	800	ug/kg	33
Dibenz(a,h)anthracene	ND	800	ug/kg	23
Dibenzofuran	ND	800	ug/kg	24
Di-n-butyl phthalate	ND	800	ug/kg	35
3,3'-Dichlorobenzidine	ND	1600	ug/kg	61
2,4-Dichlorophenol	ND	800	ug/kg	12
Diethyl phthalate	ND	800	ug/kg	32
2,4-Dimethylphenol	ND	800	ug/kg	32
Dimethyl phthalate	ND	800	ug/kg	28
4,6-Dinitro-2-methylphenol	ND	4000	ug/kg	61
2,4-Dinitrophenol	ND	4000	ug/kg	61
2,4-Dinitrotoluene	ND	800	ug/kg	28
2,6-Dinitrotoluene	ND	800	ug/kg	34

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Bhate Environmental Associates

Client Sample ID: 0T32-SB04-15

GC/MS Semivolatiles

Lot-Sample #...: D7G210163-001 **Work Order #...:** J3CXR1AD **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	800	ug/kg	18
Fluoranthene	ND	800	ug/kg	44
Fluorene	ND	800	ug/kg	22
Hexachlorobenzene	ND	800	ug/kg	35
Hexachlorocyclopenta-diene	ND	800	ug/kg	61
Hexachloroethane	ND	800	ug/kg	26
Indeno(1,2,3-cd)pyrene	ND	800	ug/kg	27
2-Methylnaphthalene	ND	800	ug/kg	23
2-Methylphenol	ND	800	ug/kg	16
Naphthalene	ND	800	ug/kg	38
2-Nitroaniline	ND	4000	ug/kg	61
3-Nitroaniline	ND	4000	ug/kg	61
4-Nitroaniline	ND	4000	ug/kg	88
Nitrobenzene	ND	800	ug/kg	27
2-Nitrophenol	ND	800	ug/kg	12
4-Nitrophenol	ND	4000	ug/kg	52
N-Nitrosodiphenylamine	ND	800	ug/kg	26
N-Nitrosodi-n-propyl-amine	ND	800	ug/kg	38
Pentachlorophenol	ND	4000	ug/kg	130
Phenanthrene	ND	800	ug/kg	21
Phenol	ND	800	ug/kg	22
Pyrene	ND	800	ug/kg	15
2,4,5-Trichloro-phenol	ND	800	ug/kg	12
2,4,6-Trichloro-phenol	ND	800	ug/kg	12
bis(2-Chloroisopropyl) ether	ND	800	ug/kg	28
4-Methylphenol	ND	800	ug/kg	12
Hexachlorobutadiene	ND	800	ug/kg	12
Caprolactam	ND	2000	ug/kg	130
Atrazine	ND	400	ug/kg	45
Carbazole	ND	400	ug/kg	44

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	59	(53 - 120)
Phenol-d5	62	(52 - 120)
Nitrobenzene-d5	53	(50 - 120)
2-Fluorobiphenyl	58	(50 - 120)
2,4,6-Tribromophenol	56	(51 - 120)
Terphenyl-d14	92	(55 - 120)

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Bhate Environmental Associates

Client Sample ID: 0T32-SB04-15

GC/MS Semivolatiles

Lot-Sample #...: D7G210163-001 **Work Order #...:** J3CXR1AD **Matrix.....:** SO

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: 0T32-SB04-25

GC/MS Semivolatiles

Lot-Sample #...: D7G210163-002 **Work Order #...:** J3C0J1AP **Matrix.....:** SO
Date Sampled...: 07/20/07 14:15 **Date Received..:** 07/21/07
Prep Date.....: 07/24/07 **Analysis Date..:** 07/26/07
Prep Batch #...: 7205085 **Analysis Time..:** 13:54
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	420	ug/kg	13
Acenaphthylene	ND	420	ug/kg	22
Acetophenone	ND	420	ug/kg	26
Anthracene	ND	420	ug/kg	22
Benzo(a)anthracene	ND	850	ug/kg	26
Benzo(b)fluoranthene	ND	850	ug/kg	34
Benzo(k)fluoranthene	ND	850	ug/kg	51
Benzo(ghi)perylene	ND	850	ug/kg	21
Benzo(a)pyrene	ND	850	ug/kg	26
bis(2-Chloroethoxy) methane	ND	420	ug/kg	30
bis(2-Chloroethyl)-ether	ND	850	ug/kg	21
bis(2-Ethylhexyl) phthalate	ND	850	ug/kg	59
4-Bromophenyl phenyl ether	ND	850	ug/kg	24
Butyl benzyl phthalate	ND	850	ug/kg	55
4-Chloroaniline	ND	1700	ug/kg	27
4-Chloro-3-methylphenol	ND	1700	ug/kg	31
2-Chloronaphthalene	ND	420	ug/kg	13
2-Chlorophenol	ND	850	ug/kg	27
4-Chlorophenyl phenyl ether	ND	850	ug/kg	27
Chrysene	ND	850	ug/kg	35
Dibenz(a,h)anthracene	ND	850	ug/kg	24
Dibenzofuran	ND	850	ug/kg	26
Di-n-butyl phthalate	ND	850	ug/kg	37
3,3'-Dichlorobenzidine	ND	1700	ug/kg	64
2,4-Dichlorophenol	ND	850	ug/kg	13
Diethyl phthalate	ND	850	ug/kg	33
2,4-Dimethylphenol	ND	850	ug/kg	33
Dimethyl phthalate	ND	850	ug/kg	30
4,6-Dinitro-2-methylphenol	ND	4200	ug/kg	64
2,4-Dinitrophenol	ND	4200	ug/kg	64
2,4-Dinitrotoluene	ND	850	ug/kg	30
2,6-Dinitrotoluene	ND	850	ug/kg	36

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Bhate Environmental Associates

Client Sample ID: 0T32-SB04-25

GC/MS Semivolatiles

Lot-Sample #...: D7G210163-002 **Work Order #...:** J3C0J1AP **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	850	ug/kg	19
Fluoranthene	ND	850	ug/kg	46
Fluorene	ND	850	ug/kg	23
Hexachlorobenzene	ND	850	ug/kg	37
Hexachlorocyclopenta-diene	ND	850	ug/kg	64
Hexachloroethane	ND	850	ug/kg	27
Indeno(1,2,3-cd)pyrene	ND	850	ug/kg	28
2-Methylnaphthalene	ND	850	ug/kg	24
2-Methylphenol	ND	850	ug/kg	17
Naphthalene	ND	850	ug/kg	40
2-Nitroaniline	ND	4200	ug/kg	64
3-Nitroaniline	ND	4200	ug/kg	64
4-Nitroaniline	ND	4200	ug/kg	93
Nitrobenzene	ND	850	ug/kg	28
2-Nitrophenol	ND	850	ug/kg	13
4-Nitrophenol	ND	4200	ug/kg	55
N-Nitrosodiphenylamine	ND	850	ug/kg	27
N-Nitrosodi-n-propyl-amine	ND	850	ug/kg	40
Pentachlorophenol	ND	4200	ug/kg	140
Phenanthrene	ND	850	ug/kg	22
Phenol	ND	850	ug/kg	23
Pyrene	ND	850	ug/kg	16
2,4,5-Trichloro-phenol	ND	850	ug/kg	13
2,4,6-Trichloro-phenol	ND	850	ug/kg	13
bis(2-Chloroisopropyl) ether	ND	850	ug/kg	30
4-Methylphenol	ND	850	ug/kg	13
Hexachlorobutadiene	ND	850	ug/kg	13
Caprolactam	ND	2100	ug/kg	140
Atrazine	ND	420	ug/kg	48
Carbazole	ND	420	ug/kg	46

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	61	(53 - 120)
Phenol-d5	62	(52 - 120)
Nitrobenzene-d5	55	(50 - 120)
2-Fluorobiphenyl	59	(50 - 120)
2,4,6-Tribromophenol	59	(51 - 120)
Terphenyl-d14	81	(55 - 120)

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Bhate Environmental Associates

Client Sample ID: 0T32-SB04-25

GC/MS Semivolatiles

Lot-Sample #...: D7G210163-002 **Work Order #...:** J3C0J1AP **Matrix.....:** SO

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: 0T32-SB04-25A

GC/MS Semivolatiles

Lot-Sample #...: D7G210163-003 **Work Order #...:** J3C0L2AP **Matrix.....:** SO
Date Sampled...: 07/20/07 14:15 **Date Received..:** 07/21/07
Prep Date.....: 07/30/07 **Analysis Date..:** 08/02/07
Prep Batch #...: 7211664 **Analysis Time..:** 20:30
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	420	ug/kg	13
Acenaphthylene	ND	420	ug/kg	22
Acetophenone	ND	420	ug/kg	25
Anthracene	ND	420	ug/kg	22
Benzo(a)anthracene	ND	840	ug/kg	25
Benzo(b)fluoranthene	ND	840	ug/kg	33
Benzo(k)fluoranthene	ND	840	ug/kg	51
Benzo(ghi)perylene	ND	840	ug/kg	20
Benzo(a)pyrene	ND	840	ug/kg	25
bis(2-Chloroethoxy) methane	ND	420	ug/kg	29
bis(2-Chloroethyl)-ether	ND	840	ug/kg	21
bis(2-Ethylhexyl) phthalate	ND	840	ug/kg	58
4-Bromophenyl phenyl ether	ND	840	ug/kg	24
Butyl benzyl phthalate	ND	840	ug/kg	54
4-Chloroaniline	ND	1600	ug/kg	26
4-Chloro-3-methylphenol	ND	1600	ug/kg	30
2-Chloronaphthalene	ND	420	ug/kg	13
2-Chlorophenol	ND	840	ug/kg	27
4-Chlorophenyl phenyl ether	ND	840	ug/kg	27
Chrysene	ND	840	ug/kg	34
Dibenz(a,h)anthracene	ND	840	ug/kg	24
Dibenzofuran	ND	840	ug/kg	25
Di-n-butyl phthalate	ND	840	ug/kg	37
3,3'-Dichlorobenzidine	ND	1600	ug/kg	63
2,4-Dichlorophenol	ND	840	ug/kg	13
Diethyl phthalate	ND	840	ug/kg	33
2,4-Dimethylphenol	ND	840	ug/kg	33
Dimethyl phthalate	ND	840	ug/kg	29
4,6-Dinitro-2-methylphenol	ND	4200	ug/kg	63
2,4-Dinitrophenol	ND	4200	ug/kg	63
2,4-Dinitrotoluene	ND	840	ug/kg	29
2,6-Dinitrotoluene	ND	840	ug/kg	35

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Bhate Environmental Associates

Client Sample ID: 0T32-SB04-25A

GC/MS Semivolatiles

Lot-Sample #...: D7G210163-003 **Work Order #...:** J3C0L2AP **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	840	ug/kg	18
Fluoranthene	ND	840	ug/kg	46
Fluorene	ND	840	ug/kg	23
Hexachlorobenzene	ND	840	ug/kg	37
Hexachlorocyclopenta-diene	ND	840	ug/kg	63
Hexachloroethane	ND	840	ug/kg	27
Indeno(1,2,3-cd)pyrene	ND	840	ug/kg	28
2-Methylnaphthalene	ND	840	ug/kg	24
2-Methylphenol	ND	840	ug/kg	16
Naphthalene	ND	840	ug/kg	39
2-Nitroaniline	ND	4200	ug/kg	63
3-Nitroaniline	ND	4200	ug/kg	63
4-Nitroaniline	ND	4200	ug/kg	92
Nitrobenzene	ND	840	ug/kg	28
2-Nitrophenol	ND	840	ug/kg	13
4-Nitrophenol	ND	4200	ug/kg	54
N-Nitrosodiphenylamine	ND	840	ug/kg	27
N-Nitrosodi-n-propyl-amine	ND	840	ug/kg	39
Pentachlorophenol	ND	4200	ug/kg	140
Phenanthrene	ND	840	ug/kg	22
Phenol	ND	840	ug/kg	23
Pyrene	ND	840	ug/kg	15
2,4,5-Trichloro-phenol	ND	840	ug/kg	13
2,4,6-Trichloro-phenol	ND	840	ug/kg	13
bis(2-Chloroisopropyl) ether	ND	840	ug/kg	29
4-Methylphenol	ND	840	ug/kg	13
Hexachlorobutadiene	ND	840	ug/kg	13
Caprolactam	ND	2000	ug/kg	130
Atrazine	ND	420	ug/kg	47
Carbazole	ND	420	ug/kg	46

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	57	(53 - 120)
Phenol-d5	59	(52 - 120)
Nitrobenzene-d5	54	(50 - 120)
2-Fluorobiphenyl	57	(50 - 120)
2,4,6-Tribromophenol	57	(51 - 120)
Terphenyl-d14	68	(55 - 120)

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Bhate Environmental Associates

Client Sample ID: 0T32-SB04-25A

GC/MS Semivolatiles

Lot-Sample #...: D7G210163-003 **Work Order #...:** J3C0L2AP **Matrix.....:** SO

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: 0T32-SB08-20

GC/MS Semivolatiles

Lot-Sample #...: D7G210163-004 **Work Order #...:** J3C0M1AP **Matrix.....:** SO
Date Sampled...: 07/19/07 13:15 **Date Received..:** 07/21/07
Prep Date.....: 07/24/07 **Analysis Date..:** 07/26/07
Prep Batch #...: 7205085 **Analysis Time..:** 14:32
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	400	ug/kg	12
Acenaphthylene	ND	400	ug/kg	20
Acetophenone	ND	400	ug/kg	24
Anthracene	ND	400	ug/kg	20
Benzo(a)anthracene	ND	790	ug/kg	24
Benzo(b)fluoranthene	ND	790	ug/kg	31
Benzo(k)fluoranthene	ND	790	ug/kg	48
Benzo(ghi)perylene	ND	790	ug/kg	19
Benzo(a)pyrene	ND	790	ug/kg	24
bis(2-Chloroethoxy) methane	ND	400	ug/kg	28
bis(2-Chloroethyl)-ether	ND	790	ug/kg	20
bis(2-Ethylhexyl) phthalate	ND	790	ug/kg	55
4-Bromophenyl phenyl ether	ND	790	ug/kg	23
Butyl benzyl phthalate	ND	790	ug/kg	52
4-Chloroaniline	ND	1600	ug/kg	25
4-Chloro-3-methylphenol	ND	1600	ug/kg	29
2-Chloronaphthalene	ND	400	ug/kg	12
2-Chlorophenol	ND	790	ug/kg	25
4-Chlorophenyl phenyl ether	ND	790	ug/kg	25
Chrysene	ND	790	ug/kg	32
Dibenz(a,h)anthracene	ND	790	ug/kg	23
Dibenzofuran	ND	790	ug/kg	24
Di-n-butyl phthalate	ND	790	ug/kg	35
3,3'-Dichlorobenzidine	ND	1600	ug/kg	60
2,4-Dichlorophenol	ND	790	ug/kg	12
Diethyl phthalate	ND	790	ug/kg	31
2,4-Dimethylphenol	ND	790	ug/kg	31
Dimethyl phthalate	ND	790	ug/kg	28
4,6-Dinitro-2-methylphenol	ND	4000	ug/kg	60
2,4-Dinitrophenol	ND	4000	ug/kg	60
2,4-Dinitrotoluene	ND	790	ug/kg	28
2,6-Dinitrotoluene	ND	790	ug/kg	34

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Bhate Environmental Associates

Client Sample ID: 0T32-SB08-20

GC/MS Semivolatiles

Lot-Sample #...: D7G210163-004 **Work Order #...:** J3C0M1AP **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	790	ug/kg	17
Fluoranthene	ND	790	ug/kg	43
Fluorene	ND	790	ug/kg	22
Hexachlorobenzene	ND	790	ug/kg	35
Hexachlorocyclopenta-diene	ND	790	ug/kg	60
Hexachloroethane	ND	790	ug/kg	26
Indeno(1,2,3-cd)pyrene	ND	790	ug/kg	26
2-Methylnaphthalene	ND	790	ug/kg	23
2-Methylphenol	ND	790	ug/kg	16
Naphthalene	ND	790	ug/kg	37
2-Nitroaniline	ND	4000	ug/kg	60
3-Nitroaniline	ND	4000	ug/kg	60
4-Nitroaniline	ND	4000	ug/kg	87
Nitrobenzene	ND	790	ug/kg	26
2-Nitrophenol	ND	790	ug/kg	12
4-Nitrophenol	ND	4000	ug/kg	52
N-Nitrosodiphenylamine	ND	790	ug/kg	25
N-Nitrosodi-n-propyl-amine	ND	790	ug/kg	37
Pentachlorophenol	ND	4000	ug/kg	130
Phenanthrene	ND	790	ug/kg	20
Phenol	ND	790	ug/kg	22
Pyrene	ND	790	ug/kg	15
2,4,5-Trichloro-phenol	ND	790	ug/kg	12
2,4,6-Trichloro-phenol	ND	790	ug/kg	12
bis(2-Chloroisopropyl) ether	ND	790	ug/kg	28
4-Methylphenol	ND	790	ug/kg	12
Hexachlorobutadiene	ND	790	ug/kg	12
Caprolactam	ND	1900	ug/kg	130
Atrazine	ND	400	ug/kg	44
Carbazole	ND	400	ug/kg	43

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	73	(53 - 120)
Phenol-d5	77	(52 - 120)
Nitrobenzene-d5	66	(50 - 120)
2-Fluorobiphenyl	70	(50 - 120)
2,4,6-Tribromophenol	65	(51 - 120)
Terphenyl-d14	97	(55 - 120)

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Bhate Environmental Associates

Client Sample ID: 0T32-SB08-20

GC/MS Semivolatiles

Lot-Sample #...: D7G210163-004 **Work Order #...:** J3C0M1AP **Matrix.....:** SO

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: 0T32-SB08-30

GC/MS Semivolatiles

Lot-Sample #...: D7G210163-005 **Work Order #...:** J3C0N2AP **Matrix.....:** SO
Date Sampled...: 07/19/07 13:30 **Date Received..:** 07/21/07
Prep Date.....: 07/30/07 **Analysis Date..:** 08/02/07
Prep Batch #...: 7211664 **Analysis Time..:** 20:50
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	420	ug/kg	13
Acenaphthylene	ND	420	ug/kg	22
Acetophenone	ND	420	ug/kg	26
Anthracene	ND	420	ug/kg	22
Benzo(a)anthracene	ND	840	ug/kg	26
Benzo(b)fluoranthene	ND	840	ug/kg	34
Benzo(k)fluoranthene	ND	840	ug/kg	51
Benzo(ghi)perylene	ND	840	ug/kg	20
Benzo(a)pyrene	ND	840	ug/kg	26
bis(2-Chloroethoxy) methane	ND	420	ug/kg	29
bis(2-Chloroethyl)-ether	ND	840	ug/kg	21
bis(2-Ethylhexyl) phthalate	ND	840	ug/kg	59
4-Bromophenyl phenyl ether	ND	840	ug/kg	24
Butyl benzyl phthalate	ND	840	ug/kg	55
4-Chloroaniline	ND	1700	ug/kg	27
4-Chloro-3-methylphenol	ND	1700	ug/kg	31
2-Chloronaphthalene	ND	420	ug/kg	13
2-Chlorophenol	ND	840	ug/kg	27
4-Chlorophenyl phenyl ether	ND	840	ug/kg	27
Chrysene	ND	840	ug/kg	35
Dibenz(a,h)anthracene	ND	840	ug/kg	24
Dibenzofuran	ND	840	ug/kg	26
Di-n-butyl phthalate	ND	840	ug/kg	37
3,3'-Dichlorobenzidine	ND	1700	ug/kg	64
2,4-Dichlorophenol	ND	840	ug/kg	13
Diethyl phthalate	ND	840	ug/kg	33
2,4-Dimethylphenol	ND	840	ug/kg	33
Dimethyl phthalate	ND	840	ug/kg	29
4,6-Dinitro-2-methylphenol	ND	4200	ug/kg	64
2,4-Dinitrophenol	ND	4200	ug/kg	64
2,4-Dinitrotoluene	ND	840	ug/kg	29
2,6-Dinitrotoluene	ND	840	ug/kg	36

(Continued on next page)

Bhate Environmental Associates

Client Sample ID: 0T32-SB08-30

GC/MS Semivolatiles

Lot-Sample #...: D7G210163-005 **Work Order #...:** J3C0N2AP **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	840	ug/kg	18
Fluoranthene	ND	840	ug/kg	46
Fluorene	ND	840	ug/kg	23
Hexachlorobenzene	ND	840	ug/kg	37
Hexachlorocyclopenta-diene	ND	840	ug/kg	64
Hexachloroethane	ND	840	ug/kg	27
Indeno(1,2,3-cd)pyrene	ND	840	ug/kg	28
2-Methylnaphthalene	ND	840	ug/kg	24
2-Methylphenol	ND	840	ug/kg	17
Naphthalene	ND	840	ug/kg	40
2-Nitroaniline	ND	4200	ug/kg	64
3-Nitroaniline	ND	4200	ug/kg	64
4-Nitroaniline	ND	4200	ug/kg	93
Nitrobenzene	ND	840	ug/kg	28
2-Nitrophenol	ND	840	ug/kg	13
4-Nitrophenol	ND	4200	ug/kg	55
N-Nitrosodiphenylamine	ND	840	ug/kg	27
N-Nitrosodi-n-propyl-amine	ND	840	ug/kg	40
Pentachlorophenol	ND	4200	ug/kg	140
Phenanthrene	ND	840	ug/kg	22
Phenol	ND	840	ug/kg	23
Pyrene	ND	840	ug/kg	15
2,4,5-Trichloro-phenol	ND	840	ug/kg	13
2,4,6-Trichloro-phenol	ND	840	ug/kg	13
bis(2-Chloroisopropyl) ether	ND	840	ug/kg	29
4-Methylphenol	ND	840	ug/kg	13
Hexachlorobutadiene	ND	840	ug/kg	13
Caprolactam	ND	2000	ug/kg	140
Atrazine	ND	420	ug/kg	47
Carbazole	ND	420	ug/kg	46

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	54	(53 - 120)
Phenol-d5	57	(52 - 120)
Nitrobenzene-d5	52	(50 - 120)
2-Fluorobiphenyl	54	(50 - 120)
2,4,6-Tribromophenol	55	(51 - 120)
Terphenyl-d14	67	(55 - 120)

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Bhate Environmental Associates

Client Sample ID: 0T32-SB08-30

GC/MS Semivolatiles

Lot-Sample #...: D7G210163-005 **Work Order #...:** J3C0N2AP **Matrix.....:** SO

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: 0T32-SB08-30A

GC/MS Semivolatiles

Lot-Sample #...: D7G210163-006 **Work Order #...:** J3C0Q2AP **Matrix.....:** SO
Date Sampled...: 07/19/07 13:30 **Date Received..:** 07/21/07
Prep Date.....: 07/30/07 **Analysis Date..:** 08/02/07
Prep Batch #...: 7211664 **Analysis Time..:** 21:11
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	470	ug/kg	15
Acenaphthylene	ND	470	ug/kg	24
Acetophenone	ND	470	ug/kg	29
Anthracene	ND	470	ug/kg	24
Benzo(a)anthracene	ND	950	ug/kg	29
Benzo(b)fluoranthene	ND	950	ug/kg	38
Benzo(k)fluoranthene	ND	950	ug/kg	57
Benzo(ghi)perylene	ND	950	ug/kg	23
Benzo(a)pyrene	ND	950	ug/kg	29
bis(2-Chloroethoxy) methane	ND	470	ug/kg	33
bis(2-Chloroethyl)-ether	ND	950	ug/kg	24
bis(2-Ethylhexyl) phthalate	ND	950	ug/kg	66
4-Bromophenyl phenyl ether	ND	950	ug/kg	27
Butyl benzyl phthalate	ND	950	ug/kg	62
4-Chloroaniline	ND	1900	ug/kg	30
4-Chloro-3-methylphenol	ND	1900	ug/kg	34
2-Chloronaphthalene	ND	470	ug/kg	14
2-Chlorophenol	ND	950	ug/kg	30
4-Chlorophenyl phenyl ether	ND	950	ug/kg	30
Chrysene	ND	950	ug/kg	39
Dibenz(a,h)anthracene	ND	950	ug/kg	27
Dibenzofuran	ND	950	ug/kg	29
Di-n-butyl phthalate	ND	950	ug/kg	42
3,3'-Dichlorobenzidine	ND	1900	ug/kg	72
2,4-Dichlorophenol	ND	950	ug/kg	14
Diethyl phthalate	ND	950	ug/kg	37
2,4-Dimethylphenol	ND	950	ug/kg	37
Dimethyl phthalate	ND	950	ug/kg	33
4,6-Dinitro-2-methylphenol	ND	4700	ug/kg	72
2,4-Dinitrophenol	ND	4700	ug/kg	72
2,4-Dinitrotoluene	ND	950	ug/kg	33
2,6-Dinitrotoluene	ND	950	ug/kg	40

(Continued on next page)

Bhate Environmental Associates

Client Sample ID: 0T32-SB08-30A

GC/MS Semivolatiles

Lot-Sample #...: D7G210163-006 **Work Order #...:** J3C0Q2AP **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	950	ug/kg	21
Fluoranthene	ND	950	ug/kg	52
Fluorene	ND	950	ug/kg	26
Hexachlorobenzene	ND	950	ug/kg	42
Hexachlorocyclopenta-diene	ND	950	ug/kg	72
Hexachloroethane	ND	950	ug/kg	31
Indeno(1,2,3-cd)pyrene	ND	950	ug/kg	32
2-Methylnaphthalene	ND	950	ug/kg	27
2-Methylphenol	ND	950	ug/kg	19
Naphthalene	ND	950	ug/kg	44
2-Nitroaniline	ND	4700	ug/kg	72
3-Nitroaniline	ND	4700	ug/kg	72
4-Nitroaniline	ND	4700	ug/kg	100
Nitrobenzene	ND	950	ug/kg	32
2-Nitrophenol	ND	950	ug/kg	14
4-Nitrophenol	ND	4700	ug/kg	62
N-Nitrosodiphenylamine	ND	950	ug/kg	30
N-Nitrosodi-n-propyl-amine	ND	950	ug/kg	44
Pentachlorophenol	ND	4700	ug/kg	160
Phenanthrene	ND	950	ug/kg	24
Phenol	ND	950	ug/kg	26
Pyrene	ND	950	ug/kg	17
2,4,5-Trichloro-phenol	ND	950	ug/kg	14
2,4,6-Trichloro-phenol	ND	950	ug/kg	14
bis(2-Chloroisopropyl) ether	ND	950	ug/kg	33
4-Methylphenol	ND	950	ug/kg	14
Hexachlorobutadiene	ND	950	ug/kg	14
Caprolactam	ND	2300	ug/kg	150
Atrazine	ND	470	ug/kg	53
Carbazole	ND	470	ug/kg	52

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	61	(53 - 120)
Phenol-d5	65	(52 - 120)
Nitrobenzene-d5	60	(50 - 120)
2-Fluorobiphenyl	64	(50 - 120)
2,4,6-Tribromophenol	62	(51 - 120)
Terphenyl-d14	88	(55 - 120)

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Bhate Environmental Associates

Client Sample ID: 0T32-SB08-30A

GC/MS Semivolatiles

Lot-Sample #...: D7G210163-006 **Work Order #...:** J3C0Q2AP **Matrix.....:** SO

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: 0T32-SB07-10

GC/MS Semivolatiles

Lot-Sample #...: D7G210163-007 **Work Order #...:** J3C0R1AP **Matrix.....:** SO
Date Sampled...: 07/19/07 15:15 **Date Received..:** 07/21/07
Prep Date.....: 07/24/07 **Analysis Date..:** 07/26/07
Prep Batch #...: 7205085 **Analysis Time..:** 15:10
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	380	ug/kg	12
Acenaphthylene	ND	380	ug/kg	20
Acetophenone	ND	380	ug/kg	23
Anthracene	ND	380	ug/kg	20
Benzo(a)anthracene	ND	770	ug/kg	23
Benzo(b)fluoranthene	ND	770	ug/kg	30
Benzo(k)fluoranthene	ND	770	ug/kg	46
Benzo(ghi)perylene	ND	770	ug/kg	19
Benzo(a)pyrene	ND	770	ug/kg	23
bis(2-Chloroethoxy) methane	ND	380	ug/kg	27
bis(2-Chloroethyl)-ether	ND	770	ug/kg	19
bis(2-Ethylhexyl) phthalate	ND	770	ug/kg	53
4-Bromophenyl phenyl ether	ND	770	ug/kg	22
Butyl benzyl phthalate	ND	770	ug/kg	50
4-Chloroaniline	ND	1500	ug/kg	24
4-Chloro-3-methylphenol	ND	1500	ug/kg	28
2-Chloronaphthalene	ND	380	ug/kg	12
2-Chlorophenol	ND	770	ug/kg	24
4-Chlorophenyl phenyl ether	ND	770	ug/kg	24
Chrysene	ND	770	ug/kg	31
Dibenz(a,h)anthracene	ND	770	ug/kg	22
Dibenzofuran	ND	770	ug/kg	23
Di-n-butyl phthalate	ND	770	ug/kg	34
3,3'-Dichlorobenzidine	ND	1500	ug/kg	58
2,4-Dichlorophenol	ND	770	ug/kg	12
Diethyl phthalate	ND	770	ug/kg	30
2,4-Dimethylphenol	ND	770	ug/kg	30
Dimethyl phthalate	ND	770	ug/kg	27
4,6-Dinitro-2-methylphenol	ND	3800	ug/kg	58
2,4-Dinitrophenol	ND	3800	ug/kg	58
2,4-Dinitrotoluene	ND	770	ug/kg	27
2,6-Dinitrotoluene	ND	770	ug/kg	32

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Bhate Environmental Associates

Client Sample ID: 0T32-SB07-10

GC/MS Semivolatiles

Lot-Sample #...: D7G210163-007 **Work Order #...:** J3C0R1AP **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	770	ug/kg	17
Fluoranthene	ND	770	ug/kg	42
Fluorene	ND	770	ug/kg	21
Hexachlorobenzene	ND	770	ug/kg	34
Hexachlorocyclopenta-diene	ND	770	ug/kg	58
Hexachloroethane	ND	770	ug/kg	25
Indeno(1,2,3-cd)pyrene	ND	770	ug/kg	26
2-Methylnaphthalene	ND	770	ug/kg	22
2-Methylphenol	ND	770	ug/kg	15
Naphthalene	ND	770	ug/kg	36
2-Nitroaniline	ND	3800	ug/kg	58
3-Nitroaniline	ND	3800	ug/kg	58
4-Nitroaniline	ND	3800	ug/kg	84
Nitrobenzene	ND	770	ug/kg	26
2-Nitrophenol	ND	770	ug/kg	12
4-Nitrophenol	ND	3800	ug/kg	50
N-Nitrosodiphenylamine	ND	770	ug/kg	24
N-Nitrosodi-n-propyl-amine	ND	770	ug/kg	36
Pentachlorophenol	ND	3800	ug/kg	130
Phenanthrene	ND	770	ug/kg	20
Phenol	ND	770	ug/kg	21
Pyrene	ND	770	ug/kg	14
2,4,5-Trichloro-phenol	ND	770	ug/kg	12
2,4,6-Trichloro-phenol	ND	770	ug/kg	12
bis(2-Chloroisopropyl) ether	ND	770	ug/kg	27
4-Methylphenol	ND	770	ug/kg	12
Hexachlorobutadiene	ND	770	ug/kg	12
Caprolactam	ND	1900	ug/kg	120
Atrazine	ND	380	ug/kg	43
Carbazole	ND	380	ug/kg	42

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	66	(53 - 120)
Phenol-d5	71	(52 - 120)
Nitrobenzene-d5	61	(50 - 120)
2-Fluorobiphenyl	67	(50 - 120)
2,4,6-Tribromophenol	55	(51 - 120)
Terphenyl-d14	89	(55 - 120)

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Bhate Environmental Associates

Client Sample ID: 0T32-SB07-10

GC/MS Semivolatiles

Lot-Sample #...: D7G210163-007 **Work Order #...:** J3C0R1AP **Matrix.....:** SO

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: 0T32-SB07-25

GC/MS Semivolatiles

Lot-Sample #...: D7G210163-008 **Work Order #...:** J3C0T2AP **Matrix.....:** SO
Date Sampled...: 07/19/07 15:30 **Date Received..:** 07/21/07
Prep Date.....: 07/30/07 **Analysis Date..:** 08/02/07
Prep Batch #...: 7211664 **Analysis Time..:** 21:31
Dilution Factor: 1
Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	450	ug/kg	14
Acenaphthylene	ND	450	ug/kg	23
Acetophenone	ND	450	ug/kg	27
Anthracene	ND	450	ug/kg	23
Benzo(a)anthracene	ND	910	ug/kg	27
Benzo(b)fluoranthene	ND	910	ug/kg	36
Benzo(k)fluoranthene	ND	910	ug/kg	55
Benzo(ghi)perylene	ND	910	ug/kg	22
Benzo(a)pyrene	ND	910	ug/kg	27
bis(2-Chloroethoxy) methane	ND	450	ug/kg	32
bis(2-Chloroethyl)-ether	ND	910	ug/kg	23
bis(2-Ethylhexyl) phthalate	ND	910	ug/kg	63
4-Bromophenyl phenyl ether	ND	910	ug/kg	26
Butyl benzyl phthalate	ND	910	ug/kg	59
4-Chloroaniline	ND	1800	ug/kg	29
4-Chloro-3-methylphenol	ND	1800	ug/kg	33
2-Chloronaphthalene	ND	450	ug/kg	14
2-Chlorophenol	ND	910	ug/kg	29
4-Chlorophenyl phenyl ether	ND	910	ug/kg	29
Chrysene	ND	910	ug/kg	37
Dibenz(a,h)anthracene	ND	910	ug/kg	26
Dibenzofuran	ND	910	ug/kg	27
Di-n-butyl phthalate	ND	910	ug/kg	40
3,3'-Dichlorobenzidine	ND	1800	ug/kg	69
2,4-Dichlorophenol	ND	910	ug/kg	14
Diethyl phthalate	ND	910	ug/kg	36
2,4-Dimethylphenol	ND	910	ug/kg	36
Dimethyl phthalate	ND	910	ug/kg	32
4,6-Dinitro-2-methylphenol	ND	4500	ug/kg	69
2,4-Dinitrophenol	ND	4500	ug/kg	69
2,4-Dinitrotoluene	ND	910	ug/kg	32
2,6-Dinitrotoluene	ND	910	ug/kg	38

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Bhate Environmental Associates

Client Sample ID: 0T32-SB07-25

GC/MS Semivolatiles

Lot-Sample #...: D7G210163-008 **Work Order #...:** J3C0T2AP **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	910	ug/kg	20
Fluoranthene	ND	910	ug/kg	49
Fluorene	ND	910	ug/kg	25
Hexachlorobenzene	ND	910	ug/kg	40
Hexachlorocyclopenta-diene	ND	910	ug/kg	69
Hexachloroethane	ND	910	ug/kg	29
Indeno(1,2,3-cd)pyrene	ND	910	ug/kg	30
2-Methylnaphthalene	ND	910	ug/kg	26
2-Methylphenol	ND	910	ug/kg	18
Naphthalene	ND	910	ug/kg	43
2-Nitroaniline	ND	4500	ug/kg	69
3-Nitroaniline	ND	4500	ug/kg	69
4-Nitroaniline	ND	4500	ug/kg	99
Nitrobenzene	ND	910	ug/kg	30
2-Nitrophenol	ND	910	ug/kg	14
4-Nitrophenol	ND	4500	ug/kg	59
N-Nitrosodiphenylamine	ND	910	ug/kg	29
N-Nitrosodi-n-propyl-amine	ND	910	ug/kg	43
Pentachlorophenol	ND	4500	ug/kg	150
Phenanthrene	ND	910	ug/kg	23
Phenol	ND	910	ug/kg	25
Pyrene	ND	910	ug/kg	17
2,4,5-Trichloro-phenol	ND	910	ug/kg	14
2,4,6-Trichloro-phenol	ND	910	ug/kg	14
bis(2-Chloroisopropyl) ether	ND	910	ug/kg	32
4-Methylphenol	ND	910	ug/kg	14
Hexachlorobutadiene	ND	910	ug/kg	14
Caprolactam	ND	2200	ug/kg	150
Atrazine	ND	450	ug/kg	51
Carbazole	ND	450	ug/kg	49

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	58	(53 - 120)
Phenol-d5	61	(52 - 120)
Nitrobenzene-d5	56	(50 - 120)
2-Fluorobiphenyl	58	(50 - 120)
2,4,6-Tribromophenol	59	(51 - 120)
Terphenyl-d14	75	(55 - 120)

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Bhate Environmental Associates

Client Sample ID: 0T32-SB07-25

GC/MS Semivolatiles

Lot-Sample #...: D7G210163-008 **Work Order #...:** J3C0T2AP **Matrix.....:** SO

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: 0T32-SB08-20-D

GC/MS Semivolatiles

Lot-Sample #...: D7G210163-011 **Work Order #...:** J3C011A3 **Matrix.....:** WG
Date Sampled...: 07/19/07 13:05 **Date Received..:** 07/21/07
Prep Date.....: 07/23/07 **Analysis Date..:** 07/31/07
Prep Batch #...: 7204177 **Analysis Time..:** 19:03
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	10	ug/L	0.28
Acenaphthylene	ND	10	ug/L	0.49
Acetophenone	ND	10	ug/L	0.41
Anthracene	ND	10	ug/L	0.42
Benzo(a)anthracene	ND	10	ug/L	0.35
Benzo(b)fluoranthene	ND	10	ug/L	0.39
Benzo(k)fluoranthene	ND	10	ug/L	0.46
Benzo(ghi)perylene	ND	10	ug/L	0.50
Benzo(a)pyrene	ND	10	ug/L	0.74
bis(2-Chloroethoxy) methane	ND	10	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	10	ug/L	0.41
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	0.56
4-Bromophenyl phenyl ether	ND	10	ug/L	0.43
Butyl benzyl phthalate	ND	20	ug/L	1.0
4-Chloroaniline	ND	20	ug/L	2.0
4-Chloro-3-methylphenol	ND	20	ug/L	2.0
2-Chloronaphthalene	ND	10	ug/L	0.31
2-Chlorophenol	ND	10	ug/L	0.38
4-Chlorophenyl phenyl ether	ND	10	ug/L	0.65
Chrysene	ND	10	ug/L	0.54
Dibenz(a,h)anthracene	ND	10	ug/L	0.51
Dibenzofuran	ND	10	ug/L	0.29
Di-n-butyl phthalate	ND	20	ug/L	1.2
3,3'-Dichlorobenzidine	ND	20	ug/L	2.0
2,4-Dichlorophenol	ND	10	ug/L	1.3
Diethyl phthalate	ND	20	ug/L	0.38
2,4-Dimethylphenol	ND	10	ug/L	0.57
Dimethyl phthalate	ND	20	ug/L	1.0
4,6-Dinitro-2-methylphenol	ND	60	ug/L	0.35
2,4-Dinitrophenol	ND	60	ug/L	20
2,4-Dinitrotoluene	ND	20	ug/L	0.25
2,6-Dinitrotoluene	ND	20	ug/L	0.23

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Bhate Environmental Associates

Client Sample ID: 0T32-SB08-20-D

GC/MS Semivolatiles

Lot-Sample #...: D7G210163-011 **Work Order #...:** J3C011A3 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	20	ug/L	0.35
Fluoranthene	ND	20	ug/L	0.20
Fluorene	ND	10	ug/L	0.31
Hexachlorobenzene	ND	10	ug/L	0.66
Hexachlorocyclopenta-diene	ND	10	ug/L	1.5
Hexachloroethane	ND	10	ug/L	0.46
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	0.65
2-Methylnaphthalene	ND	10	ug/L	0.29
2-Methylphenol	ND	10	ug/L	0.98
Naphthalene	ND	10	ug/L	0.29
2-Nitroaniline	ND	50	ug/L	0.32
3-Nitroaniline	ND	50	ug/L	2.0
4-Nitroaniline	ND	50	ug/L	1.0
Nitrobenzene	ND	20	ug/L	0.81
2-Nitrophenol	ND	20	ug/L	2.0
4-Nitrophenol	ND	50	ug/L	1.7
N-Nitrosodiphenylamine	ND	10	ug/L	0.44
N-Nitrosodi-n-propyl-amine	ND	20	ug/L	0.35
Pentachlorophenol	ND	60	ug/L	20
Phenanthrene	ND	10	ug/L	0.26
Phenol	ND	10	ug/L	0.31
Pyrene	ND	10	ug/L	0.37
2,4,5-Trichloro-phenol	ND	20	ug/L	0.39
2,4,6-Trichloro-phenol	ND	20	ug/L	0.37
bis(2-Chloroisopropyl) ether	ND	10	ug/L	0.43
4-Methylphenol	ND	20	ug/L	0.74
Hexachlorobutadiene	ND	10	ug/L	0.51
Caprolactam	ND	20	ug/L	5.0
Atrazine	ND	50	ug/L	5.0
Carbazole	ND	10	ug/L	0.43

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	66	(51 - 120)
Phenol-d5	71	(51 - 120)
Nitrobenzene-d5	67	(48 - 120)
2-Fluorobiphenyl	50	(49 - 120)
2,4,6-Tribromophenol	90	(57 - 120)
Terphenyl-d14	101	(61 - 120)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: 0T32-TMW12

GC/MS Semivolatiles

Lot-Sample #...: D7G210163-012 **Work Order #...:** J3C051AE **Matrix.....:** WG
Date Sampled...: 07/19/07 15:37 **Date Received..:** 07/21/07
Prep Date.....: 07/23/07 **Analysis Date..:** 07/31/07
Prep Batch #...: 7204177 **Analysis Time..:** 19:23
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	10	ug/L	0.28
Acenaphthylene	ND	10	ug/L	0.49
Acetophenone	ND	10	ug/L	0.41
Anthracene	ND	10	ug/L	0.42
Benzo(a)anthracene	ND	10	ug/L	0.35
Benzo(b)fluoranthene	ND	10	ug/L	0.39
Benzo(k)fluoranthene	ND	10	ug/L	0.46
Benzo(ghi)perylene	ND	10	ug/L	0.50
Benzo(a)pyrene	ND	10	ug/L	0.74
bis(2-Chloroethoxy) methane	ND	10	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	10	ug/L	0.41
bis(2-Ethylhexyl) phthalate	**1.3 J**	**10**	**ug/L**	**0.56**
4-Bromophenyl phenyl ether	ND	10	ug/L	0.43
Butyl benzyl phthalate	ND	20	ug/L	1.0
4-Chloroaniline	ND	20	ug/L	2.0
4-Chloro-3-methylphenol	ND	20	ug/L	2.0
2-Chloronaphthalene	ND	10	ug/L	0.31
2-Chlorophenol	ND	10	ug/L	0.38
4-Chlorophenyl phenyl ether	ND	10	ug/L	0.65
Chrysene	ND	10	ug/L	0.54
Dibenz(a,h)anthracene	ND	10	ug/L	0.51
Dibenzofuran	ND	10	ug/L	0.29
Di-n-butyl phthalate	ND	20	ug/L	1.2
3,3'-Dichlorobenzidine	ND	20	ug/L	2.0
2,4-Dichlorophenol	ND	10	ug/L	1.3
Diethyl phthalate	ND	20	ug/L	0.38
2,4-Dimethylphenol	ND	10	ug/L	0.57
Dimethyl phthalate	ND	20	ug/L	1.0
4,6-Dinitro-2-methylphenol	ND	60	ug/L	0.35
2,4-Dinitrophenol	ND	60	ug/L	20
2,4-Dinitrotoluene	ND	20	ug/L	0.25
2,6-Dinitrotoluene	ND	20	ug/L	0.23

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Bhate Environmental Associates

Client Sample ID: 0T32-TMW12

GC/MS Semivolatiles

Lot-Sample #...: D7G210163-012 **Work Order #...:** J3C051AE **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	20	ug/L	0.35
Fluoranthene	ND	20	ug/L	0.20
Fluorene	ND	10	ug/L	0.31
Hexachlorobenzene	ND	10	ug/L	0.66
Hexachlorocyclopenta-diene	ND	10	ug/L	1.5
Hexachloroethane	ND	10	ug/L	0.46
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	0.65
2-Methylnaphthalene	ND	10	ug/L	0.29
2-Methylphenol	ND	10	ug/L	0.98
Naphthalene	ND	10	ug/L	0.29
2-Nitroaniline	ND	50	ug/L	0.32
3-Nitroaniline	ND	50	ug/L	2.0
4-Nitroaniline	ND	50	ug/L	1.0
Nitrobenzene	ND	20	ug/L	0.81
2-Nitrophenol	ND	20	ug/L	2.0
4-Nitrophenol	ND	50	ug/L	1.7
N-Nitrosodiphenylamine	ND	10	ug/L	0.44
N-Nitrosodi-n-propyl-amine	ND	20	ug/L	0.35
Pentachlorophenol	ND	60	ug/L	20
Phenanthrene	ND	10	ug/L	0.26
Phenol	ND	10	ug/L	0.31
Pyrene	ND	10	ug/L	0.37
2,4,5-Trichloro-phenol	ND	20	ug/L	0.39
2,4,6-Trichloro-phenol	ND	20	ug/L	0.37
bis(2-Chloroisopropyl) ether	ND	10	ug/L	0.43
4-Methylphenol	ND	20	ug/L	0.74
Hexachlorobutadiene	ND	10	ug/L	0.51
Caprolactam	ND	20	ug/L	5.0
Atrazine	ND	50	ug/L	5.0
Carbazole	ND	10	ug/L	0.43

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	61	(51 - 120)
Phenol-d5	64	(51 - 120)
Nitrobenzene-d5	60	(48 - 120)
2-Fluorobiphenyl	54	(49 - 120)
2,4,6-Tribromophenol	84	(57 - 120)
Terphenyl-d14	96	(61 - 120)

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Bhate Environmental Associates

Client Sample ID: OT32-TMW12

GC/MS Semivolatiles

Lot-Sample #...: D7G210163-012 **Work Order #...:** J3C051AE **Matrix.....:** WG

NOTE(S):

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: 0T32-TMW11

GC/MS Semivolatiles

Lot-Sample #...: D7G210163-013 **Work Order #...:** J3C071AM **Matrix.....:** WG
Date Sampled...: 07/20/07 09:22 **Date Received..:** 07/21/07
Prep Date.....: 07/23/07 **Analysis Date..:** 07/27/07
Prep Batch #...: 7204177 **Analysis Time..:** 20:58
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	10	ug/L	0.28
Acenaphthylene	ND	10	ug/L	0.49
Acetophenone	ND	10	ug/L	0.41
Anthracene	ND	10	ug/L	0.42
Benzo(a)anthracene	ND	10	ug/L	0.35
Benzo(b)fluoranthene	ND	10	ug/L	0.39
Benzo(k)fluoranthene	ND	10	ug/L	0.46
Benzo(ghi)perylene	ND	10	ug/L	0.50
Benzo(a)pyrene	ND	10	ug/L	0.74
bis(2-Chloroethoxy) methane	ND	10	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	10	ug/L	0.41
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	0.56
4-Bromophenyl phenyl ether	ND	10	ug/L	0.43
Butyl benzyl phthalate	ND	20	ug/L	1.0
4-Chloroaniline	ND	20	ug/L	2.0
4-Chloro-3-methylphenol	ND	20	ug/L	2.0
2-Chloronaphthalene	ND	10	ug/L	0.31
2-Chlorophenol	ND	10	ug/L	0.38
4-Chlorophenyl phenyl ether	ND	10	ug/L	0.65
Chrysene	ND	10	ug/L	0.54
Dibenz(a,h)anthracene	ND	10	ug/L	0.51
Dibenzofuran	ND	10	ug/L	0.29
Di-n-butyl phthalate	ND	20	ug/L	1.2
3,3'-Dichlorobenzidine	ND	20	ug/L	2.0
2,4-Dichlorophenol	ND	10	ug/L	1.3
Diethyl phthalate	ND	20	ug/L	0.38
2,4-Dimethylphenol	ND	10	ug/L	0.57
Dimethyl phthalate	ND	20	ug/L	1.0
4,6-Dinitro-2-methylphenol	ND	60	ug/L	0.35
2,4-Dinitrophenol	ND	60	ug/L	20
2,4-Dinitrotoluene	ND	20	ug/L	0.25
2,6-Dinitrotoluene	ND	20	ug/L	0.23

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Bhate Environmental Associates

Client Sample ID: 0T32-TMW11

GC/MS Semivolatiles

Lot-Sample #...: D7G210163-013 **Work Order #...:** J3C071AM **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	20	ug/L	0.35
Fluoranthene	ND	20	ug/L	0.20
Fluorene	ND	10	ug/L	0.31
Hexachlorobenzene	ND	10	ug/L	0.66
Hexachlorocyclopenta-diene	ND	10	ug/L	1.5
Hexachloroethane	**2.3 J**	**10**	**ug/L**	**0.46**
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	0.65
2-Methylnaphthalene	ND	10	ug/L	0.29
2-Methylphenol	ND	10	ug/L	0.98
Naphthalene	ND	10	ug/L	0.29
2-Nitroaniline	ND	50	ug/L	0.32
3-Nitroaniline	ND	50	ug/L	2.0
4-Nitroaniline	ND	50	ug/L	1.0
Nitrobenzene	ND	20	ug/L	0.81
2-Nitrophenol	ND	20	ug/L	2.0
4-Nitrophenol	ND	50	ug/L	1.7
N-Nitrosodiphenylamine	ND	10	ug/L	0.44
N-Nitrosodi-n-propyl-amine	ND	20	ug/L	0.35
Pentachlorophenol	ND	60	ug/L	20
Phenanthrene	ND	10	ug/L	0.26
Phenol	ND	10	ug/L	0.31
Pyrene	ND	10	ug/L	0.37
2,4,5-Trichloro-phenol	ND	20	ug/L	0.39
2,4,6-Trichloro-phenol	ND	20	ug/L	0.37
bis(2-Chloroisopropyl) ether	ND	10	ug/L	0.43
4-Methylphenol	ND	20	ug/L	0.74
Hexachlorobutadiene	**2.5 J**	**10**	**ug/L**	**0.51**
Caprolactam	ND	20	ug/L	5.0
Atrazine	ND	50	ug/L	5.0
Carbazole	ND	10	ug/L	0.43

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	58	(51 - 120)
Phenol-d5	63	(51 - 120)
Nitrobenzene-d5	63	(48 - 120)
2-Fluorobiphenyl	52	(49 - 120)
2,4,6-Tribromophenol	58	(57 - 120)
Terphenyl-d14	76	(61 - 120)

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Bhate Environmental Associates

Client Sample ID: 0T32-TMW11

GC/MS Semivolatiles

Lot-Sample #...: D7G210163-013 **Work Order #...:** J3C071AM **Matrix.....:** WG

NOTE(S):

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: 0T37-MW09

GC/MS Semivolatiles

Lot-Sample #...: D7G210163-014 **Work Order #...:** J3C091AM **Matrix.....:** WG
Date Sampled...: 07/19/07 16:35 **Date Received..:** 07/21/07
Prep Date.....: 07/23/07 **Analysis Date..:** 07/27/07
Prep Batch #...: 7204177 **Analysis Time..:** 21:19
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	10	ug/L	0.28
Acenaphthylene	ND	10	ug/L	0.49
Acetophenone	ND	10	ug/L	0.41
Anthracene	ND	10	ug/L	0.42
Benzo(a)anthracene	ND	10	ug/L	0.35
Benzo(b)fluoranthene	ND	10	ug/L	0.39
Benzo(k)fluoranthene	ND	10	ug/L	0.46
Benzo(ghi)perylene	ND	10	ug/L	0.50
Benzo(a)pyrene	ND	10	ug/L	0.74
bis(2-Chloroethoxy) methane	ND	10	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	10	ug/L	0.41
bis(2-Ethylhexyl) phthalate	**2.4 J**	**10**	**ug/L**	**0.56**
4-Bromophenyl phenyl ether	ND	10	ug/L	0.43
Butyl benzyl phthalate	ND	20	ug/L	1.0
4-Chloroaniline	ND	20	ug/L	2.0
4-Chloro-3-methylphenol	ND	20	ug/L	2.0
2-Chloronaphthalene	ND	10	ug/L	0.31
2-Chlorophenol	ND	10	ug/L	0.38
4-Chlorophenyl phenyl ether	ND	10	ug/L	0.65
Chrysene	ND	10	ug/L	0.54
Dibenz(a,h)anthracene	ND	10	ug/L	0.51
Dibenzofuran	ND	10	ug/L	0.29
Di-n-butyl phthalate	ND	20	ug/L	1.2
3,3'-Dichlorobenzidine	ND	20	ug/L	2.0
2,4-Dichlorophenol	ND	10	ug/L	1.3
Diethyl phthalate	ND	20	ug/L	0.38
2,4-Dimethylphenol	ND	10	ug/L	0.57
Dimethyl phthalate	ND	20	ug/L	1.0
4,6-Dinitro-2-methylphenol	ND	60	ug/L	0.35
2,4-Dinitrophenol	ND	60	ug/L	20
2,4-Dinitrotoluene	ND	20	ug/L	0.25
2,6-Dinitrotoluene	ND	20	ug/L	0.23

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Bhate Environmental Associates

Client Sample ID: 0T37-MW09

GC/MS Semivolatiles

Lot-Sample #...: D7G210163-014 **Work Order #...:** J3C091AM **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	20	ug/L	0.35
Fluoranthene	ND	20	ug/L	0.20
Fluorene	ND	10	ug/L	0.31
Hexachlorobenzene	ND	10	ug/L	0.66
Hexachlorocyclopenta-diene	ND	10	ug/L	1.5
Hexachloroethane	ND	10	ug/L	0.46
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	0.65
2-Methylnaphthalene	ND	10	ug/L	0.29
2-Methylphenol	ND	10	ug/L	0.98
Naphthalene	ND	10	ug/L	0.29
2-Nitroaniline	ND	50	ug/L	0.32
3-Nitroaniline	ND	50	ug/L	2.0
4-Nitroaniline	ND	50	ug/L	1.0
Nitrobenzene	ND	20	ug/L	0.81
2-Nitrophenol	ND	20	ug/L	2.0
4-Nitrophenol	ND	50	ug/L	1.7
N-Nitrosodiphenylamine	ND	10	ug/L	0.44
N-Nitrosodi-n-propyl-amine	ND	20	ug/L	0.35
Pentachlorophenol	ND	60	ug/L	20
Phenanthrene	ND	10	ug/L	0.26
Phenol	ND	10	ug/L	0.31
Pyrene	ND	10	ug/L	0.37
2,4,5-Trichloro-phenol	ND	20	ug/L	0.39
2,4,6-Trichloro-phenol	ND	20	ug/L	0.37
bis(2-Chloroisopropyl) ether	ND	10	ug/L	0.43
4-Methylphenol	ND	20	ug/L	0.74
Hexachlorobutadiene	ND	10	ug/L	0.51
Caprolactam	ND	20	ug/L	5.0
Atrazine	ND	50	ug/L	5.0
Carbazole	ND	10	ug/L	0.43

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	61	(51 - 120)
Phenol-d5	64	(51 - 120)
Nitrobenzene-d5	61	(48 - 120)
2-Fluorobiphenyl	62	(49 - 120)
2,4,6-Tribromophenol	63	(57 - 120)
Terphenyl-d14	80	(61 - 120)

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Bhate Environmental Associates

Client Sample ID: 0T37-MW09

GC/MS Semivolatiles

Lot-Sample #...: D7G210163-014 **Work Order #...:** J3C091AM **Matrix.....:** WG

NOTE(S):

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: 0T37-MW10

GC/MS Semivolatiles

Lot-Sample #...: D7G210163-015 **Work Order #...:** J3C1G1AM **Matrix.....:** WG
Date Sampled...: 07/20/07 08:30 **Date Received..:** 07/21/07
Prep Date.....: 07/23/07 **Analysis Date..:** 07/27/07
Prep Batch #...: 7204177 **Analysis Time..:** 21:39
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	10	ug/L	0.28
Acenaphthylene	ND	10	ug/L	0.49
Acetophenone	ND	10	ug/L	0.41
Anthracene	ND	10	ug/L	0.42
Benzo(a)anthracene	ND	10	ug/L	0.35
Benzo(b)fluoranthene	ND	10	ug/L	0.39
Benzo(k)fluoranthene	ND	10	ug/L	0.46
Benzo(ghi)perylene	ND	10	ug/L	0.50
Benzo(a)pyrene	ND	10	ug/L	0.74
bis(2-Chloroethoxy) methane	ND	10	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	10	ug/L	0.41
bis(2-Ethylhexyl) phthalate	**2.5 J**	**10**	**ug/L**	**0.56**
4-Bromophenyl phenyl ether	ND	10	ug/L	0.43
Butyl benzyl phthalate	ND	20	ug/L	1.0
4-Chloroaniline	ND	20	ug/L	2.0
4-Chloro-3-methylphenol	ND	20	ug/L	2.0
2-Chloronaphthalene	ND	10	ug/L	0.31
2-Chlorophenol	ND	10	ug/L	0.38
4-Chlorophenyl phenyl ether	ND	10	ug/L	0.65
Chrysene	ND	10	ug/L	0.54
Dibenz(a,h)anthracene	ND	10	ug/L	0.51
Dibenzofuran	ND	10	ug/L	0.29
Di-n-butyl phthalate	ND	20	ug/L	1.2
3,3'-Dichlorobenzidine	ND	20	ug/L	2.0
2,4-Dichlorophenol	ND	10	ug/L	1.3
Diethyl phthalate	ND	20	ug/L	0.38
2,4-Dimethylphenol	ND	10	ug/L	0.57
Dimethyl phthalate	ND	20	ug/L	1.0
4,6-Dinitro-2-methylphenol	ND	60	ug/L	0.35
2,4-Dinitrophenol	ND	60	ug/L	20
2,4-Dinitrotoluene	ND	20	ug/L	0.25
2,6-Dinitrotoluene	ND	20	ug/L	0.23

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Bhate Environmental Associates

Client Sample ID: 0T37-MW10

GC/MS Semivolatiles

Lot-Sample #...: D7G210163-015 **Work Order #...:** J3C1G1AM **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	20	ug/L	0.35
Fluoranthene	ND	20	ug/L	0.20
Fluorene	ND	10	ug/L	0.31
Hexachlorobenzene	ND	10	ug/L	0.66
Hexachlorocyclopenta-diene	ND	10	ug/L	1.5
Hexachloroethane	ND	10	ug/L	0.46
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	0.65
2-Methylnaphthalene	ND	10	ug/L	0.29
2-Methylphenol	ND	10	ug/L	0.98
Naphthalene	ND	10	ug/L	0.29
2-Nitroaniline	ND	50	ug/L	0.32
3-Nitroaniline	ND	50	ug/L	2.0
4-Nitroaniline	ND	50	ug/L	1.0
Nitrobenzene	ND	20	ug/L	0.81
2-Nitrophenol	ND	20	ug/L	2.0
4-Nitrophenol	ND	50	ug/L	1.7
N-Nitrosodiphenylamine	ND	10	ug/L	0.44
N-Nitrosodi-n-propyl-amine	ND	20	ug/L	0.35
Pentachlorophenol	ND	60	ug/L	20
Phenanthrene	ND	10	ug/L	0.26
Phenol	ND	10	ug/L	0.31
Pyrene	ND	10	ug/L	0.37
2,4,5-Trichloro-phenol	ND	20	ug/L	0.39
2,4,6-Trichloro-phenol	ND	20	ug/L	0.37
bis(2-Chloroisopropyl) ether	ND	10	ug/L	0.43
4-Methylphenol	ND	20	ug/L	0.74
Hexachlorobutadiene	ND	10	ug/L	0.51
Caprolactam	ND	20	ug/L	5.0
Atrazine	ND	50	ug/L	5.0
Carbazole	ND	10	ug/L	0.43

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	56	(51 - 120)
Phenol-d5	60	(51 - 120)
Nitrobenzene-d5	56	(48 - 120)
2-Fluorobiphenyl	58	(49 - 120)
2,4,6-Tribromophenol	64	(57 - 120)
Terphenyl-d14	80	(61 - 120)

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Bhate Environmental Associates

Client Sample ID: 0T37-MW10

GC/MS Semivolatiles

Lot-Sample #...: D7G210163-015 **Work Order #...:** J3C1G1AM **Matrix.....:** WG

NOTE(S):

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: 0T32-TMW10

GC/MS Semivolatiles

Lot-Sample #...: D7G210163-017 **Work Order #...:** J3C1J1A3 **Matrix.....:** WG
Date Sampled...: 07/20/07 11:00 **Date Received..:** 07/21/07
Prep Date.....: 07/23/07 **Analysis Date..:** 07/27/07
Prep Batch #...: 7204177 **Analysis Time..:** 21:59
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	10	ug/L	0.28
Acenaphthylene	ND	10	ug/L	0.49
Acetophenone	ND	10	ug/L	0.41
Anthracene	ND	10	ug/L	0.42
Benzo(a)anthracene	ND	10	ug/L	0.35
Benzo(b)fluoranthene	ND	10	ug/L	0.39
Benzo(k)fluoranthene	ND	10	ug/L	0.46
Benzo(ghi)perylene	ND	10	ug/L	0.50
Benzo(a)pyrene	ND	10	ug/L	0.74
bis(2-Chloroethoxy) methane	ND	10	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	10	ug/L	0.41
bis(2-Ethylhexyl) phthalate	**2.6 J**	**10**	**ug/L**	**0.56**
4-Bromophenyl phenyl ether	ND	10	ug/L	0.43
Butyl benzyl phthalate	ND	20	ug/L	1.0
4-Chloroaniline	ND	20	ug/L	2.0
4-Chloro-3-methylphenol	ND	20	ug/L	2.0
2-Chloronaphthalene	ND	10	ug/L	0.31
2-Chlorophenol	ND	10	ug/L	0.38
4-Chlorophenyl phenyl ether	ND	10	ug/L	0.65
Chrysene	ND	10	ug/L	0.54
Dibenz(a,h)anthracene	ND	10	ug/L	0.51
Dibenzofuran	ND	10	ug/L	0.29
Di-n-butyl phthalate	ND	20	ug/L	1.2
3,3'-Dichlorobenzidine	ND	20	ug/L	2.0
2,4-Dichlorophenol	ND	10	ug/L	1.3
Diethyl phthalate	ND	20	ug/L	0.38
2,4-Dimethylphenol	ND	10	ug/L	0.57
Dimethyl phthalate	ND	20	ug/L	1.0
4,6-Dinitro-2-methylphenol	ND	60	ug/L	0.35
2,4-Dinitrophenol	ND	60	ug/L	20
2,4-Dinitrotoluene	ND	20	ug/L	0.25
2,6-Dinitrotoluene	ND	20	ug/L	0.23

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Bhate Environmental Associates

Client Sample ID: 0T32-TMW10

GC/MS Semivolatiles

Lot-Sample #...: D7G210163-017 **Work Order #...:** J3C1J1A3 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	20	ug/L	0.35
Fluoranthene	ND	20	ug/L	0.20
Fluorene	ND	10	ug/L	0.31
Hexachlorobenzene	ND	10	ug/L	0.66
Hexachlorocyclopenta-diene	ND	10	ug/L	1.5
Hexachloroethane	ND	10	ug/L	0.46
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	0.65
2-Methylnaphthalene	ND	10	ug/L	0.29
2-Methylphenol	ND	10	ug/L	0.98
Naphthalene	ND	10	ug/L	0.29
2-Nitroaniline	ND	50	ug/L	0.32
3-Nitroaniline	ND	50	ug/L	2.0
4-Nitroaniline	ND	50	ug/L	1.0
Nitrobenzene	ND	20	ug/L	0.81
2-Nitrophenol	ND	20	ug/L	2.0
4-Nitrophenol	ND	50	ug/L	1.7
N-Nitrosodiphenylamine	ND	10	ug/L	0.44
N-Nitrosodi-n-propyl-amine	ND	20	ug/L	0.35
Pentachlorophenol	ND	60	ug/L	20
Phenanthrene	ND	10	ug/L	0.26
Phenol	ND	10	ug/L	0.31
Pyrene	ND	10	ug/L	0.37
2,4,5-Trichloro-phenol	ND	20	ug/L	0.39
2,4,6-Trichloro-phenol	ND	20	ug/L	0.37
bis(2-Chloroisopropyl) ether	ND	10	ug/L	0.43
4-Methylphenol	ND	20	ug/L	0.74
Hexachlorobutadiene	ND	10	ug/L	0.51
Caprolactam	ND	20	ug/L	5.0
Atrazine	ND	50	ug/L	5.0
Carbazole	ND	10	ug/L	0.43

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	63	(51 - 120)
Phenol-d5	65	(51 - 120)
Nitrobenzene-d5	62	(48 - 120)
2-Fluorobiphenyl	65	(49 - 120)
2,4,6-Tribromophenol	70	(57 - 120)
Terphenyl-d14	81	(61 - 120)

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Bhate Environmental Associates

Client Sample ID: OT32-TMW10

GC/MS Semivolatiles

Lot-Sample #...: D7G210163-017 **Work Order #...:** J3C1J1A3 **Matrix.....:** WG

NOTE(S):

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: 0T32-TMW09

GC/MS Semivolatiles

Lot-Sample #...: D7G210163-018 **Work Order #...:** J3C1L1AE **Matrix.....:** WG
Date Sampled...: 07/20/07 11:27 **Date Received..:** 07/21/07
Prep Date.....: 07/23/07 **Analysis Date..:** 08/01/07
Prep Batch #...: 7204177 **Analysis Time..:** 16:48
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	10	ug/L	0.28
Acenaphthylene	ND	10	ug/L	0.49
Acetophenone	ND	10	ug/L	0.41
Anthracene	ND	10	ug/L	0.42
Benzo(a)anthracene	ND	10	ug/L	0.35
Benzo(b)fluoranthene	ND	10	ug/L	0.39
Benzo(k)fluoranthene	ND	10	ug/L	0.46
Benzo(ghi)perylene	ND	10	ug/L	0.50
Benzo(a)pyrene	ND	10	ug/L	0.74
bis(2-Chloroethoxy) methane	ND	10	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	10	ug/L	0.41
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	0.56
4-Bromophenyl phenyl ether	ND	10	ug/L	0.43
Butyl benzyl phthalate	ND	20	ug/L	1.0
4-Chloroaniline	ND	20	ug/L	2.0
4-Chloro-3-methylphenol	ND	20	ug/L	2.0
2-Chloronaphthalene	ND	10	ug/L	0.31
2-Chlorophenol	ND	10	ug/L	0.38
4-Chlorophenyl phenyl ether	ND	10	ug/L	0.65
Chrysene	ND	10	ug/L	0.54
Dibenz(a,h)anthracene	ND	10	ug/L	0.51
Dibenzofuran	ND	10	ug/L	0.29
Di-n-butyl phthalate	ND	20	ug/L	1.2
3,3'-Dichlorobenzidine	ND	20	ug/L	2.0
2,4-Dichlorophenol	ND	10	ug/L	1.3
Diethyl phthalate	ND	20	ug/L	0.38
2,4-Dimethylphenol	ND	10	ug/L	0.57
Dimethyl phthalate	ND	20	ug/L	1.0
4,6-Dinitro-2-methylphenol	ND	60	ug/L	0.35
2,4-Dinitrophenol	ND	60	ug/L	20
2,4-Dinitrotoluene	ND	20	ug/L	0.25
2,6-Dinitrotoluene	ND	20	ug/L	0.23

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Bhate Environmental Associates

Client Sample ID: 0T32-TMW09

GC/MS Semivolatiles

Lot-Sample #...: D7G210163-018 **Work Order #...:** J3C1L1AE **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	20	ug/L	0.35
Fluoranthene	ND	20	ug/L	0.20
Fluorene	ND	10	ug/L	0.31
Hexachlorobenzene	ND	10	ug/L	0.66
Hexachlorocyclopenta-diene	ND	10	ug/L	1.5
Hexachloroethane	ND	10	ug/L	0.46
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	0.65
2-Methylnaphthalene	ND	10	ug/L	0.29
2-Methylphenol	ND	10	ug/L	0.98
Naphthalene	ND	10	ug/L	0.29
2-Nitroaniline	ND	50	ug/L	0.32
3-Nitroaniline	ND	50	ug/L	2.0
4-Nitroaniline	ND	50	ug/L	1.0
Nitrobenzene	ND	20	ug/L	0.81
2-Nitrophenol	ND	20	ug/L	2.0
4-Nitrophenol	ND	50	ug/L	1.7
N-Nitrosodiphenylamine	ND	10	ug/L	0.44
N-Nitrosodi-n-propyl-amine	ND	20	ug/L	0.35
Pentachlorophenol	ND	60	ug/L	20
Phenanthrene	ND	10	ug/L	0.26
Phenol	ND	10	ug/L	0.31
Pyrene	ND	10	ug/L	0.37
2,4,5-Trichloro-phenol	ND	20	ug/L	0.39
2,4,6-Trichloro-phenol	ND	20	ug/L	0.37
bis(2-Chloroisopropyl) ether	ND	10	ug/L	0.43
4-Methylphenol	ND	20	ug/L	0.74
Hexachlorobutadiene	ND	10	ug/L	0.51
Caprolactam	ND	20	ug/L	5.0
Atrazine	ND	50	ug/L	5.0
Carbazole	ND	10	ug/L	0.43

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	63	(51 - 120)
Phenol-d5	67	(51 - 120)
Nitrobenzene-d5	62	(48 - 120)
2-Fluorobiphenyl	66	(49 - 120)
2,4,6-Tribromophenol	84	(57 - 120)
Terphenyl-d14	64	(61 - 120)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: 0T32-SB06-15

GC/MS Semivolatiles

Lot-Sample #...: D7G210163-019 **Work Order #...:** J3C1P1AE **Matrix.....:** SO
Date Sampled...: 07/20/07 10:00 **Date Received..:** 07/21/07
Prep Date.....: 07/24/07 **Analysis Date..:** 07/26/07
Prep Batch #...: 7205085 **Analysis Time..:** 15:49
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	420	ug/kg	13
Acenaphthylene	ND	420	ug/kg	22
Acetophenone	ND	420	ug/kg	25
Anthracene	ND	420	ug/kg	22
Benzo(a)anthracene	ND	840	ug/kg	25
Benzo(b)fluoranthene	ND	840	ug/kg	33
Benzo(k)fluoranthene	ND	840	ug/kg	51
Benzo(ghi)perylene	ND	840	ug/kg	20
Benzo(a)pyrene	ND	840	ug/kg	25
bis(2-Chloroethoxy) methane	ND	420	ug/kg	29
bis(2-Chloroethyl)-ether	ND	840	ug/kg	21
bis(2-Ethylhexyl) phthalate	ND	840	ug/kg	58
4-Bromophenyl phenyl ether	ND	840	ug/kg	24
Butyl benzyl phthalate	ND	840	ug/kg	54
4-Chloroaniline	ND	1600	ug/kg	26
4-Chloro-3-methylphenol	ND	1600	ug/kg	30
2-Chloronaphthalene	ND	420	ug/kg	13
2-Chlorophenol	ND	840	ug/kg	27
4-Chlorophenyl phenyl ether	ND	840	ug/kg	27
Chrysene	ND	840	ug/kg	34
Dibenz(a,h)anthracene	ND	840	ug/kg	24
Dibenzofuran	ND	840	ug/kg	25
Di-n-butyl phthalate	ND	840	ug/kg	37
3,3'-Dichlorobenzidine	ND	1600	ug/kg	63
2,4-Dichlorophenol	ND	840	ug/kg	13
Diethyl phthalate	ND	840	ug/kg	33
2,4-Dimethylphenol	ND	840	ug/kg	33
Dimethyl phthalate	ND	840	ug/kg	29
4,6-Dinitro-2-methylphenol	ND	4200	ug/kg	63
2,4-Dinitrophenol	ND	4200	ug/kg	63
2,4-Dinitrotoluene	ND	840	ug/kg	29
2,6-Dinitrotoluene	ND	840	ug/kg	35

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Bhate Environmental Associates

Client Sample ID: 0T32-SB06-15

GC/MS Semivolatiles

Lot-Sample #...: D7G210163-019 **Work Order #...:** J3C1P1AE **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	840	ug/kg	18
Fluoranthene	ND	840	ug/kg	46
Fluorene	ND	840	ug/kg	23
Hexachlorobenzene	ND	840	ug/kg	37
Hexachlorocyclopenta-diene	ND	840	ug/kg	63
Hexachloroethane	ND	840	ug/kg	27
Indeno(1,2,3-cd)pyrene	ND	840	ug/kg	28
2-Methylnaphthalene	ND	840	ug/kg	24
2-Methylphenol	ND	840	ug/kg	16
Naphthalene	ND	840	ug/kg	39
2-Nitroaniline	ND	4200	ug/kg	63
3-Nitroaniline	ND	4200	ug/kg	63
4-Nitroaniline	ND	4200	ug/kg	92
Nitrobenzene	ND	840	ug/kg	28
2-Nitrophenol	ND	840	ug/kg	13
4-Nitrophenol	ND	4200	ug/kg	54
N-Nitrosodiphenylamine	ND	840	ug/kg	27
N-Nitrosodi-n-propyl-amine	ND	840	ug/kg	39
Pentachlorophenol	ND	4200	ug/kg	140
Phenanthrene	ND	840	ug/kg	22
Phenol	ND	840	ug/kg	23
Pyrene	ND	840	ug/kg	15
2,4,5-Trichloro-phenol	ND	840	ug/kg	13
2,4,6-Trichloro-phenol	ND	840	ug/kg	13
bis(2-Chloroisopropyl) ether	ND	840	ug/kg	29
4-Methylphenol	ND	840	ug/kg	13
Hexachlorobutadiene	ND	840	ug/kg	13
Caprolactam	ND	2000	ug/kg	130
Atrazine	ND	420	ug/kg	47
Carbazole	ND	420	ug/kg	46

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	56	(53 - 120)
Phenol-d5	60	(52 - 120)
Nitrobenzene-d5	50	(50 - 120)
2-Fluorobiphenyl	56	(50 - 120)
2,4,6-Tribromophenol	60	(51 - 120)
Terphenyl-d14	82	(55 - 120)

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Bhate Environmental Associates

Client Sample ID: 0T32-SB06-15

GC/MS Semivolatiles

Lot-Sample #...: D7G210163-019 **Work Order #...:** J3C1P1AE **Matrix.....:** SO

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: 0T32-SB06-25

GC/MS Semivolatiles

Lot-Sample #...: D7G210163-020 **Work Order #...:** J3C131AQ **Matrix.....:** SO
Date Sampled...: 07/20/07 10:15 **Date Received..:** 07/21/07
Prep Date.....: 07/24/07 **Analysis Date..:** 07/26/07
Prep Batch #...: 7205085 **Analysis Time..:** 16:08
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	450	ug/kg	14
Acenaphthylene	ND	450	ug/kg	23
Acetophenone	ND	450	ug/kg	27
Anthracene	ND	450	ug/kg	23
Benzo(a)anthracene	ND	900	ug/kg	27
Benzo(b)fluoranthene	ND	900	ug/kg	36
Benzo(k)fluoranthene	ND	900	ug/kg	54
Benzo(ghi)perylene	ND	900	ug/kg	22
Benzo(a)pyrene	ND	900	ug/kg	27
bis(2-Chloroethoxy) methane	ND	450	ug/kg	31
bis(2-Chloroethyl)-ether	ND	900	ug/kg	23
bis(2-Ethylhexyl) phthalate	ND	900	ug/kg	63
4-Bromophenyl phenyl ether	ND	900	ug/kg	26
Butyl benzyl phthalate	ND	900	ug/kg	59
4-Chloroaniline	ND	1800	ug/kg	28
4-Chloro-3-methylphenol	ND	1800	ug/kg	33
2-Chloronaphthalene	ND	450	ug/kg	14
2-Chlorophenol	ND	900	ug/kg	29
4-Chlorophenyl phenyl ether	ND	900	ug/kg	29
Chrysene	ND	900	ug/kg	37
Dibenz(a,h)anthracene	ND	900	ug/kg	26
Dibenzofuran	ND	900	ug/kg	27
Di-n-butyl phthalate	ND	900	ug/kg	39
3,3'-Dichlorobenzidine	ND	1800	ug/kg	68
2,4-Dichlorophenol	ND	900	ug/kg	14
Diethyl phthalate	ND	900	ug/kg	35
2,4-Dimethylphenol	ND	900	ug/kg	35
Dimethyl phthalate	ND	900	ug/kg	31
4,6-Dinitro-2-methylphenol	ND	4500	ug/kg	68
2,4-Dinitrophenol	ND	4500	ug/kg	68
2,4-Dinitrotoluene	ND	900	ug/kg	31
2,6-Dinitrotoluene	ND	900	ug/kg	38

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Bhate Environmental Associates

Client Sample ID: 0T32-SB06-25

GC/MS Semivolatiles

Lot-Sample #...: D7G210163-020 **Work Order #...:** J3C131AQ **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	900	ug/kg	20
Fluoranthene	ND	900	ug/kg	49
Fluorene	ND	900	ug/kg	24
Hexachlorobenzene	ND	900	ug/kg	39
Hexachlorocyclopenta-diene	ND	900	ug/kg	68
Hexachloroethane	ND	900	ug/kg	29
Indeno(1,2,3-cd)pyrene	ND	900	ug/kg	30
2-Methylnaphthalene	ND	900	ug/kg	26
2-Methylphenol	ND	900	ug/kg	18
Naphthalene	ND	900	ug/kg	42
2-Nitroaniline	ND	4500	ug/kg	68
3-Nitroaniline	ND	4500	ug/kg	68
4-Nitroaniline	ND	4500	ug/kg	99
Nitrobenzene	ND	900	ug/kg	30
2-Nitrophenol	ND	900	ug/kg	14
4-Nitrophenol	ND	4500	ug/kg	59
N-Nitrosodiphenylamine	ND	900	ug/kg	29
N-Nitrosodi-n-propyl-amine	ND	900	ug/kg	42
Pentachlorophenol	ND	4500	ug/kg	150
Phenanthrene	ND	900	ug/kg	23
Phenol	ND	900	ug/kg	24
Pyrene	ND	900	ug/kg	16
2,4,5-Trichloro-phenol	ND	900	ug/kg	14
2,4,6-Trichloro-phenol	ND	900	ug/kg	14
bis(2-Chloroisopropyl) ether	ND	900	ug/kg	31
4-Methylphenol	ND	900	ug/kg	14
Hexachlorobutadiene	ND	900	ug/kg	14
Caprolactam	ND	2200	ug/kg	140
Atrazine	ND	450	ug/kg	50
Carbazole	ND	450	ug/kg	49

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	58	(53 - 120)
Phenol-d5	62	(52 - 120)
Nitrobenzene-d5	54	(50 - 120)
2-Fluorobiphenyl	58	(50 - 120)
2,4,6-Tribromophenol	57	(51 - 120)
Terphenyl-d14	85	(55 - 120)

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Bhate Environmental Associates

Client Sample ID: 0T32-SB06-25

GC/MS Semivolatiles

Lot-Sample #...: D7G210163-020 **Work Order #...:** J3C131AQ **Matrix.....:** SO

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: 0T32-SB06-25A

GC/MS Semivolatiles

Lot-Sample #...: D7G210163-021 **Work Order #...:** J3C151A3 **Matrix.....:** SO
Date Sampled...: 07/20/07 10:15 **Date Received..:** 07/21/07
Prep Date.....: 07/24/07 **Analysis Date..:** 07/26/07
Prep Batch #...: 7205085 **Analysis Time..:** 16:27
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	440	ug/kg	14
Acenaphthylene	ND	440	ug/kg	23
Acetophenone	ND	440	ug/kg	27
Anthracene	ND	440	ug/kg	23
Benzo(a)anthracene	ND	880	ug/kg	27
Benzo(b)fluoranthene	ND	880	ug/kg	35
Benzo(k)fluoranthene	ND	880	ug/kg	54
Benzo(ghi)perylene	ND	880	ug/kg	21
Benzo(a)pyrene	ND	880	ug/kg	27
bis(2-Chloroethoxy) methane	ND	440	ug/kg	31
bis(2-Chloroethyl)-ether	ND	880	ug/kg	22
bis(2-Ethylhexyl) phthalate	ND	880	ug/kg	62
4-Bromophenyl phenyl ether	ND	880	ug/kg	25
Butyl benzyl phthalate	ND	880	ug/kg	58
4-Chloroaniline	ND	1700	ug/kg	28
4-Chloro-3-methylphenol	ND	1700	ug/kg	32
2-Chloronaphthalene	ND	440	ug/kg	13
2-Chlorophenol	ND	880	ug/kg	28
4-Chlorophenyl phenyl ether	ND	880	ug/kg	28
Chrysene	ND	880	ug/kg	36
Dibenz(a,h)anthracene	ND	880	ug/kg	25
Dibenzofuran	ND	880	ug/kg	27
Di-n-butyl phthalate	ND	880	ug/kg	39
3,3'-Dichlorobenzidine	ND	1700	ug/kg	67
2,4-Dichlorophenol	ND	880	ug/kg	13
Diethyl phthalate	ND	880	ug/kg	35
2,4-Dimethylphenol	ND	880	ug/kg	35
Dimethyl phthalate	ND	880	ug/kg	31
4,6-Dinitro-2-methylphenol	ND	4400	ug/kg	67
2,4-Dinitrophenol	ND	4400	ug/kg	67
2,4-Dinitrotoluene	ND	880	ug/kg	31
2,6-Dinitrotoluene	ND	880	ug/kg	37

(Continued on next page)

Bhate Environmental Associates

Client Sample ID: 0T32-SB06-25A

GC/MS Semivolatiles

Lot-Sample #...: D7G210163-021 **Work Order #...:** J3C151A3 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	880	ug/kg	19
Fluoranthene	ND	880	ug/kg	48
Fluorene	ND	880	ug/kg	24
Hexachlorobenzene	ND	880	ug/kg	39
Hexachlorocyclopenta-diene	ND	880	ug/kg	67
Hexachloroethane	ND	880	ug/kg	29
Indeno(1,2,3-cd)pyrene	ND	880	ug/kg	29
2-Methylnaphthalene	ND	880	ug/kg	25
2-Methylphenol	ND	880	ug/kg	17
Naphthalene	ND	880	ug/kg	41
2-Nitroaniline	ND	4400	ug/kg	67
3-Nitroaniline	ND	4400	ug/kg	67
4-Nitroaniline	ND	4400	ug/kg	97
Nitrobenzene	ND	880	ug/kg	29
2-Nitrophenol	ND	880	ug/kg	13
4-Nitrophenol	ND	4400	ug/kg	58
N-Nitrosodiphenylamine	ND	880	ug/kg	28
N-Nitrosodi-n-propyl-amine	ND	880	ug/kg	41
Pentachlorophenol	ND	4400	ug/kg	150
Phenanthrene	ND	880	ug/kg	23
Phenol	ND	880	ug/kg	24
Pyrene	ND	880	ug/kg	16
2,4,5-Trichloro-phenol	ND	880	ug/kg	13
2,4,6-Trichloro-phenol	ND	880	ug/kg	13
bis(2-Chloroisopropyl) ether	ND	880	ug/kg	31
4-Methylphenol	ND	880	ug/kg	13
Hexachlorobutadiene	ND	880	ug/kg	13
Caprolactam	ND	2100	ug/kg	140
Atrazine	ND	440	ug/kg	50
Carbazole	ND	440	ug/kg	48

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	59	(53 - 120)
Phenol-d5	63	(52 - 120)
Nitrobenzene-d5	55	(50 - 120)
2-Fluorobiphenyl	62	(50 - 120)
2,4,6-Tribromophenol	57	(51 - 120)
Terphenyl-d14	91	(55 - 120)

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Bhate Environmental Associates

Client Sample ID: 0T32-SB06-25A

GC/MS Semivolatiles

Lot-Sample #...: D7G210163-021 **Work Order #...:** J3C151A3 **Matrix.....:** SO

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: 0T32-SB05-15

GC/MS Semivolatiles

Lot-Sample #...: D7G210163-022 **Work Order #...:** J3C181AE **Matrix.....:** SO
Date Sampled...: 07/20/07 11:45 **Date Received..:** 07/21/07
Prep Date.....: 07/24/07 **Analysis Date..:** 07/26/07
Prep Batch #...: 7205085 **Analysis Time..:** 16:47
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	400	ug/kg	12
Acenaphthylene	ND	400	ug/kg	20
Acetophenone	ND	400	ug/kg	24
Anthracene	ND	400	ug/kg	20
Benzo(a)anthracene	ND	790	ug/kg	24
Benzo(b)fluoranthene	ND	790	ug/kg	31
Benzo(k)fluoranthene	ND	790	ug/kg	48
Benzo(ghi)perylene	ND	790	ug/kg	19
Benzo(a)pyrene	ND	790	ug/kg	24
bis(2-Chloroethoxy) methane	ND	400	ug/kg	28
bis(2-Chloroethyl)-ether	ND	790	ug/kg	20
bis(2-Ethylhexyl) phthalate	ND	790	ug/kg	55
4-Bromophenyl phenyl ether	ND	790	ug/kg	23
Butyl benzyl phthalate	ND	790	ug/kg	51
4-Chloroaniline	ND	1600	ug/kg	25
4-Chloro-3-methylphenol	ND	1600	ug/kg	29
2-Chloronaphthalene	ND	400	ug/kg	12
2-Chlorophenol	ND	790	ug/kg	25
4-Chlorophenyl phenyl ether	ND	790	ug/kg	25
Chrysene	ND	790	ug/kg	32
Dibenz(a,h)anthracene	ND	790	ug/kg	23
Dibenzofuran	ND	790	ug/kg	24
Di-n-butyl phthalate	ND	790	ug/kg	35
3,3'-Dichlorobenzidine	ND	1600	ug/kg	60
2,4-Dichlorophenol	ND	790	ug/kg	12
Diethyl phthalate	ND	790	ug/kg	31
2,4-Dimethylphenol	ND	790	ug/kg	31
Dimethyl phthalate	ND	790	ug/kg	28
4,6-Dinitro-2-methylphenol	ND	4000	ug/kg	60
2,4-Dinitrophenol	ND	4000	ug/kg	60
2,4-Dinitrotoluene	ND	790	ug/kg	28
2,6-Dinitrotoluene	ND	790	ug/kg	34

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Bhate Environmental Associates

Client Sample ID: 0T32-SB05-15

GC/MS Semivolatiles

Lot-Sample #...: D7G210163-022 **Work Order #...:** J3C181AE **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	790	ug/kg	17
Fluoranthene	ND	790	ug/kg	43
Fluorene	ND	790	ug/kg	22
Hexachlorobenzene	ND	790	ug/kg	35
Hexachlorocyclopenta-diene	ND	790	ug/kg	60
Hexachloroethane	ND	790	ug/kg	26
Indeno(1,2,3-cd)pyrene	ND	790	ug/kg	26
2-Methylnaphthalene	ND	790	ug/kg	23
2-Methylphenol	ND	790	ug/kg	16
Naphthalene	ND	790	ug/kg	37
2-Nitroaniline	ND	4000	ug/kg	60
3-Nitroaniline	ND	4000	ug/kg	60
4-Nitroaniline	ND	4000	ug/kg	87
Nitrobenzene	ND	790	ug/kg	26
2-Nitrophenol	ND	790	ug/kg	12
4-Nitrophenol	ND	4000	ug/kg	51
N-Nitrosodiphenylamine	ND	790	ug/kg	25
N-Nitrosodi-n-propyl-amine	ND	790	ug/kg	37
Pentachlorophenol	ND	4000	ug/kg	130
Phenanthrene	ND	790	ug/kg	20
Phenol	ND	790	ug/kg	22
Pyrene	ND	790	ug/kg	14
2,4,5-Trichloro-phenol	ND	790	ug/kg	12
2,4,6-Trichloro-phenol	ND	790	ug/kg	12
bis(2-Chloroisopropyl) ether	ND	790	ug/kg	28
4-Methylphenol	ND	790	ug/kg	12
Hexachlorobutadiene	ND	790	ug/kg	12
Caprolactam	ND	1900	ug/kg	130
Atrazine	ND	400	ug/kg	44
Carbazole	ND	400	ug/kg	43

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	63	(53 - 120)
Phenol-d5	67	(52 - 120)
Nitrobenzene-d5	57	(50 - 120)
2-Fluorobiphenyl	65	(50 - 120)
2,4,6-Tribromophenol	56	(51 - 120)
Terphenyl-d14	87	(55 - 120)

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Bhate Environmental Associates

Client Sample ID: 0T32-SB05-15

GC/MS Semivolatiles

Lot-Sample #...: D7G210163-022 **Work Order #...:** J3C181AE **Matrix.....:** SO

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: 0T32-SB05-25

GC/MS Semivolatiles

Lot-Sample #...: D7G210163-023 **Work Order #...:** J3C191AQ **Matrix.....:** SO
Date Sampled...: 07/20/07 12:00 **Date Received..:** 07/21/07
Prep Date.....: 07/24/07 **Analysis Date..:** 07/26/07
Prep Batch #...: 7205085 **Analysis Time..:** 17:06
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	420	ug/kg	13
Acenaphthylene	ND	420	ug/kg	22
Acetophenone	ND	420	ug/kg	25
Anthracene	ND	420	ug/kg	22
Benzo(a)anthracene	ND	840	ug/kg	25
Benzo(b)fluoranthene	ND	840	ug/kg	33
Benzo(k)fluoranthene	ND	840	ug/kg	51
Benzo(ghi)perylene	ND	840	ug/kg	20
Benzo(a)pyrene	ND	840	ug/kg	25
bis(2-Chloroethoxy) methane	ND	420	ug/kg	29
bis(2-Chloroethyl)-ether	ND	840	ug/kg	21
bis(2-Ethylhexyl) phthalate	ND	840	ug/kg	59
4-Bromophenyl phenyl ether	ND	840	ug/kg	24
Butyl benzyl phthalate	ND	840	ug/kg	55
4-Chloroaniline	ND	1700	ug/kg	26
4-Chloro-3-methylphenol	ND	1700	ug/kg	31
2-Chloronaphthalene	ND	420	ug/kg	13
2-Chlorophenol	ND	840	ug/kg	27
4-Chlorophenyl phenyl ether	ND	840	ug/kg	27
Chrysene	ND	840	ug/kg	34
Dibenz(a,h)anthracene	ND	840	ug/kg	24
Dibenzofuran	ND	840	ug/kg	25
Di-n-butyl phthalate	ND	840	ug/kg	37
3,3'-Dichlorobenzidine	ND	1700	ug/kg	64
2,4-Dichlorophenol	ND	840	ug/kg	13
Diethyl phthalate	ND	840	ug/kg	33
2,4-Dimethylphenol	ND	840	ug/kg	33
Dimethyl phthalate	ND	840	ug/kg	29
4,6-Dinitro-2-methylphenol	ND	4200	ug/kg	64
2,4-Dinitrophenol	ND	4200	ug/kg	64
2,4-Dinitrotoluene	ND	840	ug/kg	29
2,6-Dinitrotoluene	ND	840	ug/kg	36

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Bhate Environmental Associates

Client Sample ID: 0T32-SB05-25

GC/MS Semivolatiles

Lot-Sample #...: D7G210163-023 **Work Order #...:** J3C191AQ **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	840	ug/kg	18
Fluoranthene	ND	840	ug/kg	46
Fluorene	ND	840	ug/kg	23
Hexachlorobenzene	ND	840	ug/kg	37
Hexachlorocyclopenta-diene	ND	840	ug/kg	64
Hexachloroethane	ND	840	ug/kg	27
Indeno(1,2,3-cd)pyrene	ND	840	ug/kg	28
2-Methylnaphthalene	ND	840	ug/kg	24
2-Methylphenol	ND	840	ug/kg	17
Naphthalene	ND	840	ug/kg	39
2-Nitroaniline	ND	4200	ug/kg	64
3-Nitroaniline	ND	4200	ug/kg	64
4-Nitroaniline	ND	4200	ug/kg	92
Nitrobenzene	ND	840	ug/kg	28
2-Nitrophenol	ND	840	ug/kg	13
4-Nitrophenol	ND	4200	ug/kg	55
N-Nitrosodiphenylamine	ND	840	ug/kg	27
N-Nitrosodi-n-propyl-amine	ND	840	ug/kg	39
Pentachlorophenol	ND	4200	ug/kg	140
Phenanthrene	ND	840	ug/kg	22
Phenol	ND	840	ug/kg	23
Pyrene	ND	840	ug/kg	15
2,4,5-Trichloro-phenol	ND	840	ug/kg	13
2,4,6-Trichloro-phenol	ND	840	ug/kg	13
bis(2-Chloroisopropyl) ether	ND	840	ug/kg	29
4-Methylphenol	ND	840	ug/kg	13
Hexachlorobutadiene	ND	840	ug/kg	13
Caprolactam	ND	2000	ug/kg	130
Atrazine	ND	420	ug/kg	47
Carbazole	ND	420	ug/kg	46

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	67	(53 - 120)
Phenol-d5	73	(52 - 120)
Nitrobenzene-d5	64	(50 - 120)
2-Fluorobiphenyl	69	(50 - 120)
2,4,6-Tribromophenol	65	(51 - 120)
Terphenyl-d14	92	(55 - 120)

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Bhate Environmental Associates

Client Sample ID: 0T32-SB05-25

GC/MS Semivolatiles

Lot-Sample #...: D7G210163-023 **Work Order #...:** J3C191AQ **Matrix.....:** SO

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: 0T32-SB04-15

GC Volatiles

Lot-Sample #...: D7G210163-001 **Work Order #...:** J3CXR1A5 **Matrix.....:** SO
Date Sampled...: 07/20/07 14:00 **Date Received..:** 07/21/07
Prep Date.....: 07/24/07 **Analysis Date..:** 07/26/07
Prep Batch #...: 7214343 **Analysis Time..:** 16:17
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Gasoline Range Organics	ND	1.5	mg/kg	0.40

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	88	(77 - 123)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Bhate Environmental Associates

Client Sample ID: 0T32-SB04-25

GC Volatiles

Lot-Sample #...: D7G210163-002 **Work Order #...:** J3C0J1AG **Matrix.....:** SO
Date Sampled...: 07/20/07 14:15 **Date Received..:** 07/21/07
Prep Date.....: 07/24/07 **Analysis Date..:** 07/26/07
Prep Batch #...: 7214343 **Analysis Time..:** 17:20
Dilution Factor: 1
Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Gasoline Range Organics	**0.48 J**	**1.5**	**mg/kg**	**0.42**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	89	(77 - 123)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: 0T32-SB04-25A

GC Volatiles

Lot-Sample #...: D7G210163-003 **Work Order #...:** J3C0L1AG **Matrix.....:** SO
Date Sampled...: 07/20/07 14:15 **Date Received..:** 07/21/07
Prep Date.....: 07/24/07 **Analysis Date..:** 07/26/07
Prep Batch #...: 7214343 **Analysis Time..:** 17:51
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Gasoline Range Organics	**0.48 J**	**1.5**	**mg/kg**	**0.41**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	85	(77 - 123)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: 0T32-SB08-20

GC Volatiles

Lot-Sample #...: D7G210163-004 **Work Order #...:** J3C0M1AG **Matrix.....:** SO
Date Sampled...: 07/19/07 13:15 **Date Received..:** 07/21/07
Prep Date.....: 07/24/07 **Analysis Date..:** 07/26/07
Prep Batch #...: 7214343 **Analysis Time..:** 18:23
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Gasoline Range Organics	**0.47 J**	**1.4**	**mg/kg**	**0.39**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	84	(77 - 123)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: 0T32-SB08-30

GC Volatiles

Lot-Sample #...: D7G210163-005 **Work Order #...:** J3C0N1AG **Matrix.....:** SO
Date Sampled...: 07/19/07 13:30 **Date Received..:** 07/21/07
Prep Date.....: 07/24/07 **Analysis Date..:** 07/26/07
Prep Batch #...: 7214343 **Analysis Time..:** 18:55
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Gasoline Range Organics	**0.52 J**	**1.5**	**mg/kg**	**0.42**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	79	(77 - 123)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: 0T32-SB08-30A

GC Volatiles

Lot-Sample #...: D7G210163-006 **Work Order #...:** J3C0Q1AG **Matrix.....:** SO
Date Sampled...: 07/19/07 13:30 **Date Received..:** 07/21/07
Prep Date.....: 07/24/07 **Analysis Date..:** 07/26/07
Prep Batch #...: 7214343 **Analysis Time..:** 19:27
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Gasoline Range Organics	**0.51 J**	**1.7**	**mg/kg**	**0.47**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	80	(77 - 123)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: 0T32-SB07-10

GC Volatiles

Lot-Sample #...: D7G210163-007 **Work Order #...:** J3C0R1AG **Matrix.....:** SO
Date Sampled...: 07/19/07 15:15 **Date Received..:** 07/21/07
Prep Date.....: 07/24/07 **Analysis Date..:** 07/26/07
Prep Batch #...: 7214343 **Analysis Time..:** 19:59
Dilution Factor: 1
Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Gasoline Range Organics	**0.48 J**	**1.4**	**mg/kg**	**0.38**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	95	(77 - 123)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: 0T32-SB07-25

GC Volatiles

Lot-Sample #...: D7G210163-008 **Work Order #...:** J3C0T1AG **Matrix.....:** SO
Date Sampled...: 07/19/07 15:30 **Date Received..:** 07/21/07
Prep Date.....: 07/24/07 **Analysis Date..:** 07/26/07
Prep Batch #...: 7214343 **Analysis Time..:** 20:30
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Gasoline Range Organics	**0.52 J**	**1.6**	**mg/kg**	**0.45**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	83	(77 - 123)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: 0T32-SB06-15

GC Volatiles

Lot-Sample #...: D7G210163-019 **Work Order #...:** J3C1P1A6 **Matrix.....:** SO
Date Sampled...: 07/20/07 10:00 **Date Received..:** 07/21/07
Prep Date.....: 07/27/07 **Analysis Date..:** 07/31/07
Prep Batch #...: 7214542 **Analysis Time..:** 12:52
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Gasoline Range Organics	ND	1.5	mg/kg	0.41

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	90	(77 - 123)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Bhate Environmental Associates

Client Sample ID: 0T32-SB06-25

GC Volatiles

Lot-Sample #...: D7G210163-020 **Work Order #...:** J3C131AH **Matrix.....:** SO
Date Sampled...: 07/20/07 10:15 **Date Received..:** 07/21/07
Prep Date.....: 07/27/07 **Analysis Date..:** 07/31/07
Prep Batch #...: 7214542 **Analysis Time..:** 13:34
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Gasoline Range Organics	ND	1.6	mg/kg	0.44

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	90	(77 - 123)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Bhate Environmental Associates

Client Sample ID: 0T32-SB06-25A

GC Volatiles

Lot-Sample #...: D7G210163-021 **Work Order #...:** J3C151AU **Matrix.....:** SO
Date Sampled...: 07/20/07 10:15 **Date Received..:** 07/21/07
Prep Date.....: 07/27/07 **Analysis Date..:** 07/31/07
Prep Batch #...: 7214542 **Analysis Time..:** 14:16
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Gasoline Range Organics	ND	1.6	mg/kg	0.44

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	89	(77 - 123)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Bhate Environmental Associates

Client Sample ID: 0T32-SB05-15

GC Volatiles

Lot-Sample #...: D7G210163-022 **Work Order #...:** J3C181A6 **Matrix.....:** SO
Date Sampled...: 07/20/07 11:45 **Date Received..:** 07/21/07
Prep Date.....: 07/27/07 **Analysis Date..:** 07/31/07
Prep Batch #...: 7214542 **Analysis Time..:** 16:07
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Gasoline Range Organics	ND	1.4	mg/kg	0.39

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	93	(77 - 123)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Bhate Environmental Associates

Client Sample ID: 0T32-SB05-25

GC Volatiles

Lot-Sample #...: D7G210163-023 **Work Order #...:** J3C191AH **Matrix.....:** SO
Date Sampled...: 07/20/07 12:00 **Date Received..:** 07/21/07
Prep Date.....: 07/27/07 **Analysis Date..:** 07/31/07
Prep Batch #...: 7214542 **Analysis Time..:** 18:50
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Gasoline Range Organics	**0.44 J**	**1.5**	**mg/kg**	**0.41**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	89	(77 - 123)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: 0T32-SB04-15

GC Semivolatiles

Lot-Sample #...: D7G210163-001 **Work Order #...:** J3CXR1A6 **Matrix.....:** SO
Date Sampled...: 07/20/07 14:00 **Date Received..:** 07/21/07
Prep Date.....: 07/23/07 **Analysis Date..:** 07/28/07
Prep Batch #...: 7204330 **Analysis Time..:** 03:40
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Diesel Range Organics (C10-C22)	**2.1 J,B**	**4.9**	**mg/kg**	**1.2**
Motor Oil Range Organics (C22-C36)	ND	4.9	mg/kg	1.2

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	71	(45 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: 0T32-SB04-25

GC Semivolatiles

Lot-Sample #...: D7G210163-002 **Work Order #...:** J3C0J1AH **Matrix.....:** SO
Date Sampled...: 07/20/07 14:15 **Date Received..:** 07/21/07
Prep Date.....: 07/23/07 **Analysis Date..:** 07/28/07
Prep Batch #...: 7204330 **Analysis Time..:** 04:17
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Diesel Range Organics (C10-C22)	**2.1 J,B**	**5.1**	**mg/kg**	**1.3**
Motor Oil Range Organics (C22-C36)	ND	5.1	mg/kg	1.3

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	72	(45 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: 0T32-SB04-25A

GC Semivolatiles

Lot-Sample #...: D7G210163-003 **Work Order #...:** J3C0L1AH **Matrix.....:** SO
Date Sampled...: 07/20/07 14:15 **Date Received..:** 07/21/07
Prep Date.....: 07/23/07 **Analysis Date..:** 07/28/07
Prep Batch #...: 7204330 **Analysis Time..:** 04:55
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Diesel Range Organics (C10-C22)	**2.1 J,B**	**5.1**	**mg/kg**	**1.3**
Motor Oil Range Organics (C22-C36)	ND	5.1	mg/kg	1.3

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	80	(45 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: 0T32-SB08-20

GC Semivolatiles

Lot-Sample #...: D7G210163-004 **Work Order #...:** J3C0M1AH **Matrix.....:** SO
Date Sampled...: 07/19/07 13:15 **Date Received..:** 07/21/07
Prep Date.....: 07/23/07 **Analysis Date..:** 07/28/07
Prep Batch #...: 7204330 **Analysis Time..:** 05:32
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Diesel Range Organics (C10-C22)	**2.0 J,B**	**4.8**	**mg/kg**	**1.2**
Motor Oil Range Organics (C22-C36)	ND	4.8	mg/kg	1.2

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	71	(45 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: 0T32-SB08-30

GC Semivolatiles

Lot-Sample #...: D7G210163-005 **Work Order #...:** J3C0N1AH **Matrix.....:** SO
Date Sampled...: 07/19/07 13:30 **Date Received..:** 07/21/07
Prep Date.....: 07/23/07 **Analysis Date..:** 07/28/07
Prep Batch #...: 7204330 **Analysis Time..:** 06:10
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Diesel Range Organics (C10-C22)	**2.1 J,B**	**5.1**	**mg/kg**	**1.3**
Motor Oil Range Organics (C22-C36)	ND	5.1	mg/kg	1.3

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	79	(45 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: 0T32-SB08-30A

GC Semivolatiles

Lot-Sample #...: D7G210163-006 **Work Order #...:** J3C0Q1AH **Matrix.....:** SO
Date Sampled...: 07/19/07 13:30 **Date Received..:** 07/21/07
Prep Date.....: 07/23/07 **Analysis Date..:** 07/28/07
Prep Batch #...: 7204330 **Analysis Time..:** 08:02
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Diesel Range Organics (C10-C22)	**2.3 J,B**	**5.7**	**mg/kg**	**1.4**
Motor Oil Range Organics (C22-C36)	ND	5.7	mg/kg	1.4

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	71	(45 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: 0T32-SB07-10

GC Semivolatiles

Lot-Sample #...: D7G210163-007 **Work Order #...:** J3C0R1AH **Matrix.....:** SO
Date Sampled...: 07/19/07 15:15 **Date Received..:** 07/21/07
Prep Date.....: 07/23/07 **Analysis Date..:** 07/28/07
Prep Batch #...: 7204330 **Analysis Time..:** 08:40
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Diesel Range Organics (C10-C22)	**2.0 J,B**	**4.6**	**mg/kg**	**1.2**
Motor Oil Range Organics (C22-C36)	ND	4.6	mg/kg	1.2

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	78	(45 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: 0T32-SB07-25

GC Semivolatiles

Lot-Sample #...: D7G210163-008 **Work Order #...:** J3C0T1AH **Matrix.....:** SO
Date Sampled...: 07/19/07 15:30 **Date Received..:** 07/21/07
Prep Date.....: 07/23/07 **Analysis Date..:** 07/28/07
Prep Batch #...: 7204330 **Analysis Time..:** 09:17
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Diesel Range Organics (C10-C22)	**2.2 J,B**	**5.5**	**mg/kg**	**1.4**
Motor Oil Range Organics (C22-C36)	ND	5.5	mg/kg	1.4

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	83	(45 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: 0T32-SB06-15

GC Semivolatiles

Lot-Sample #...: D7G210163-019 **Work Order #...:** J3C1P1A7 **Matrix.....:** SO
Date Sampled...: 07/20/07 10:00 **Date Received..:** 07/21/07
Prep Date.....: 07/23/07 **Analysis Date..:** 07/28/07
Prep Batch #...: 7204330 **Analysis Time..:** 11:10
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Diesel Range Organics (C10-C22)	**2.1 J,B**	**5.1**	**mg/kg**	**1.3**
Motor Oil Range Organics (C22-C36)	ND	5.1	mg/kg	1.3

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	74	(45 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: 0T32-SB06-25

GC Semivolatiles

Lot-Sample #...: D7G210163-020 **Work Order #...:** J3C131AJ **Matrix.....:** SO
Date Sampled...: 07/20/07 10:15 **Date Received..:** 07/21/07
Prep Date.....: 07/23/07 **Analysis Date..:** 07/28/07
Prep Batch #...: 7204330 **Analysis Time..:** 11:47
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Diesel Range Organics (C10-C22)	**2.2 J,B**	**5.4**	**mg/kg**	**1.4**
Motor Oil Range Organics (C22-C36)	ND	5.4	mg/kg	1.4

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	74	(45 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: 0T32-SB06-25A

GC Semivolatiles

Lot-Sample #...: D7G210163-021 **Work Order #...:** J3C151AV **Matrix.....:** SO
Date Sampled...: 07/20/07 10:15 **Date Received..:** 07/21/07
Prep Date.....: 07/23/07 **Analysis Date..:** 07/28/07
Prep Batch #...: 7204330 **Analysis Time..:** 12:25
Dilution Factor: 1
Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Diesel Range Organics (C10-C22)	**2.2 J,B**	**5.4**	**mg/kg**	**1.3**
Motor Oil Range Organics (C22-C36)	ND	5.4	mg/kg	1.3

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	72	(45 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: 0T32-SB05-15

GC Semivolatiles

Lot-Sample #...: D7G210163-022 **Work Order #...:** J3C181A7 **Matrix.....:** SO
Date Sampled...: 07/20/07 11:45 **Date Received..:** 07/21/07
Prep Date.....: 07/23/07 **Analysis Date..:** 07/28/07
Prep Batch #...: 7204330 **Analysis Time..:** 13:02
Dilution Factor: 1
Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Diesel Range Organics (C10-C22)	**2.1 J,B**	**4.8**	**mg/kg**	**1.2**
Motor Oil Range Organics (C22-C36)	ND	4.8	mg/kg	1.2

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	81	(45 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: 0T32-SB05-25

GC Semivolatiles

Lot-Sample #...: D7G210163-023 **Work Order #...:** J3C191AJ **Matrix.....:** SO
Date Sampled...: 07/20/07 12:00 **Date Received..:** 07/21/07
Prep Date.....: 07/23/07 **Analysis Date..:** 07/28/07
Prep Batch #...: 7204330 **Analysis Time..:** 13:39
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Diesel Range Organics (C10-C22)	**2.2 J,B**	**5.1**	**mg/kg**	**1.3**
Motor Oil Range Organics (C22-C36)	ND	5.1	mg/kg	1.3

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	82	(45 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: 0T37-MW09

GC Semivolatiles

Lot-Sample #...: D7G210163-014 **Work Order #...:** J3C091AA **Matrix.....:** WG
Date Sampled...: 07/19/07 16:35 **Date Received..:** 07/21/07
Prep Date.....: 07/23/07 **Analysis Date..:** 07/25/07
Prep Batch #...: 7204477 **Analysis Time..:** 22:46
Dilution Factor: 1

Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	1.0	ug/L	0.12
Aroclor 1221	ND	1.0	ug/L	0.21
Aroclor 1232	ND	1.0	ug/L	0.17
Aroclor 1242	ND	1.0	ug/L	0.10
Aroclor 1248	ND	1.0	ug/L	0.092
Aroclor 1254	ND	1.0	ug/L	0.11
Aroclor 1260	ND	1.0	ug/L	0.16

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	79	(51 - 122)
Decachlorobiphenyl	67	(41 - 138)

Bhate Environmental Associates

Client Sample ID: 0T37-MW10

GC Semivolatiles

Lot-Sample #...: D7G210163-015 **Work Order #...:** J3C1G1AA **Matrix.....:** WG
Date Sampled...: 07/20/07 08:30 **Date Received..:** 07/21/07
Prep Date.....: 07/23/07 **Analysis Date..:** 07/25/07
Prep Batch #...: 7204477 **Analysis Time..:** 23:03
Dilution Factor: 1

Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	1.0	ug/L	0.12
Aroclor 1221	ND	1.0	ug/L	0.21
Aroclor 1232	ND	1.0	ug/L	0.17
Aroclor 1242	ND	1.0	ug/L	0.10
Aroclor 1248	ND	1.0	ug/L	0.092
Aroclor 1254	ND	1.0	ug/L	0.11
Aroclor 1260	ND	1.0	ug/L	0.16

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	78	(51 - 122)
Decachlorobiphenyl	84	(41 - 138)

Bhate Environmental Associates

Client Sample ID: 0T37-MW09

HPLC

Lot-Sample #...: D7G210163-014 **Work Order #...:** J3C091AC **Matrix.....:** WG
Date Sampled...: 07/19/07 16:35 **Date Received..:** 07/21/07
Prep Date.....: 08/01/07 **Analysis Date..:** 08/03/07
Prep Batch #...: 7213214 **Analysis Time..:** 03:09
Dilution Factor: 5
Method.....: SW846 6860

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Perchlorate	**1.3**	**0.50**	**ug/L**	**0.044**

Bhate Environmental Associates

Client Sample ID: 0T37-MW10

HPLC

Lot-Sample #...: D7G210163-015 **Work Order #...:** J3C1G1AC **Matrix.....:** WG
Date Sampled...: 07/20/07 08:30 **Date Received..:** 07/21/07
Prep Date.....: 08/01/07 **Analysis Date..:** 08/03/07
Prep Batch #...: 7213214 **Analysis Time..:** 03:38
Dilution Factor: 20

Method.....: SW846 6860

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Perchlorate	**6.7**	**2.0**	**ug/L**	**0.18**

Bhate Environmental Associates

Client Sample ID: 0T32-SB04-15

TOTAL Metals

Lot-Sample #...: D7G210163-001 **Matrix.....:** SO
Date Sampled...: 07/20/07 14:00 **Date Received..:** 07/21/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7205124						
Silver	ND	1.2	mg/kg	SW846 6010B	07/24-07/25/07	J3CXR1AE
		Dilution Factor: 1		Analysis Time..: 15:03	MDL.....: 0.20	
Aluminum	**6400**	**12**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3CXR1AF**
		Dilution Factor: 1		Analysis Time..: 15:03	MDL.....: 6.0	
Arsenic	**1.4 B**	**2.4**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3CXR1AG**
		Dilution Factor: 1		Analysis Time..: 15:03	MDL.....: 0.80	
Barium	**26**	**1.2**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3CXR1AH**
		Dilution Factor: 1		Analysis Time..: 15:03	MDL.....: 0.29	
Beryllium	**0.30 B**	**0.61**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3CXR1AJ**
		Dilution Factor: 1		Analysis Time..: 15:03	MDL.....: 0.18	
Calcium	**210000 J**	**61**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3CXR1AK**
		Dilution Factor: 1		Analysis Time..: 15:03	MDL.....: 17	
Cadmium	**0.064 B**	**0.61**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3CXR1AL**
		Dilution Factor: 1		Analysis Time..: 15:03	MDL.....: 0.050	
Cobalt	**1.6**	**1.2**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3CXR1AM**
		Dilution Factor: 1		Analysis Time..: 15:03	MDL.....: 0.12	
Chromium	**7.4**	**1.8**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3CXR1AN**
		Dilution Factor: 1		Analysis Time..: 15:03	MDL.....: 0.49	
Copper	**3.0**	**2.4**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3CXR1AP**
		Dilution Factor: 1		Analysis Time..: 15:03	MDL.....: 0.68	
Iron	**5800**	**18**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3CXR1AQ**
		Dilution Factor: 1		Analysis Time..: 15:03	MDL.....: 4.6	
Potassium	**1500**	**370**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3CXR1AR**
		Dilution Factor: 1		Analysis Time..: 15:03	MDL.....: 50	
Magnesium	**4000**	**24**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3CXR1AT**
		Dilution Factor: 1		Analysis Time..: 15:03	MDL.....: 4.5	

(Continued on next page)

Bhate Environmental Associates

Client Sample ID: 0T32-SB04-15

TOTAL Metals

Lot-Sample #...: D7G210163-001 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	**94**	**1.2**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3CXR1AU**
		Dilution Factor: 1		Analysis Time..: 15:03	MDL.....: 0.12	
Sodium	**1700**	**610**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3CXR1AV**
		Dilution Factor: 1		Analysis Time..: 15:03	MDL.....: 72	
Nickel	**4.5 B**	**4.9**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3CXR1AW**
		Dilution Factor: 1		Analysis Time..: 15:03	MDL.....: 0.29	
Lead	**3.7**	**0.98**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3CXR1AX**
		Dilution Factor: 1		Analysis Time..: 15:03	MDL.....: 0.33	
Antimony	ND	1.8	mg/kg	SW846 6010B	07/24-07/25/07	J3CXR1A0
		Dilution Factor: 1		Analysis Time..: 15:03	MDL.....: 0.46	
Selenium	ND	1.6	mg/kg	SW846 6010B	07/24-07/25/07	J3CXR1A1
		Dilution Factor: 1		Analysis Time..: 15:03	MDL.....: 1.0	
Thallium	ND	1.5	mg/kg	SW846 6010B	07/24-07/25/07	J3CXR1A2
		Dilution Factor: 1		Analysis Time..: 15:03	MDL.....: 0.79	
Vanadium	**12**	**2.4**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3CXR1A3**
		Dilution Factor: 1		Analysis Time..: 15:03	MDL.....: 0.76	
Zinc	**15**	**3.7**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3CXR1A4**
		Dilution Factor: 1		Analysis Time..: 15:03	MDL.....: 1.2	

Prep Batch #...: 7207202

Mercury	ND	40	ug/kg	SW846 7471A	08/02-08/03/07	J3CXR1AC
		Dilution Factor: 1		Analysis Time..: 14:13	MDL.....: 3.4	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: 0T32-SB04-25

TOTAL Metals

Lot-Sample #...: D7G210163-002 **Matrix.....:** SO
Date Sampled...: 07/20/07 14:15 **Date Received..:** 07/21/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7205124						
Silver	ND	1.3	mg/kg	SW846 6010B	07/24-07/25/07	J3C0J1AQ
		Dilution Factor: 1		Analysis Time..: 15:08	MDL.....: 0.21	
Aluminum	**7400**	**13**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0J1AR**
		Dilution Factor: 1		Analysis Time..: 15:08	MDL.....: 6.3	
Arsenic	**3.0**	**2.6**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0J1AT**
		Dilution Factor: 1		Analysis Time..: 15:08	MDL.....: 0.85	
Barium	**19**	**1.3**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0J1AU**
		Dilution Factor: 1		Analysis Time..: 15:08	MDL.....: 0.31	
Beryllium	**0.31 B**	**0.64**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0J1AV**
		Dilution Factor: 1		Analysis Time..: 15:08	MDL.....: 0.19	
Calcium	**140000 J**	**64**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0J1AW**
		Dilution Factor: 1		Analysis Time..: 15:08	MDL.....: 18	
Cadmium	ND	0.64	mg/kg	SW846 6010B	07/24-07/25/07	J3C0J1AX
		Dilution Factor: 1		Analysis Time..: 15:08	MDL.....: 0.053	
Cobalt	**1.8**	**1.3**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0J1A0**
		Dilution Factor: 1		Analysis Time..: 15:08	MDL.....: 0.13	
Chromium	**7.0**	**1.9**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0J1A1**
		Dilution Factor: 1		Analysis Time..: 15:08	MDL.....: 0.51	
Copper	**2.6**	**2.6**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0J1A2**
		Dilution Factor: 1		Analysis Time..: 15:08	MDL.....: 0.72	
Iron	**7300**	**19**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0J1A3**
		Dilution Factor: 1		Analysis Time..: 15:08	MDL.....: 4.9	
Potassium	**1700**	**390**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0J1A4**
		Dilution Factor: 1		Analysis Time..: 15:08	MDL.....: 53	
Magnesium	**3300**	**26**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0J1A5**
		Dilution Factor: 1		Analysis Time..: 15:08	MDL.....: 4.8	

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Bhate Environmental Associates

Client Sample ID: 0T32-SB04-25

TOTAL Metals

Lot-Sample #...: D7G210163-002 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	**37**	**1.3**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0J1A6**
		Dilution Factor: 1		Analysis Time..: 15:08	MDL.....: 0.13	
Sodium	**770**	**640**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0J1A7**
		Dilution Factor: 1		Analysis Time..: 15:08	MDL.....: 76	
Nickel	**4.6 B**	**5.1**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0J1A8**
		Dilution Factor: 1		Analysis Time..: 15:08	MDL.....: 0.31	
Lead	**2.9**	**1.0**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0J1A9**
		Dilution Factor: 1		Analysis Time..: 15:08	MDL.....: 0.35	
Antimony	ND	1.9	mg/kg	SW846 6010B	07/24-07/25/07	J3C0J1AA
		Dilution Factor: 1		Analysis Time..: 15:08	MDL.....: 0.49	
Selenium	ND	1.7	mg/kg	SW846 6010B	07/24-07/25/07	J3C0J1AC
		Dilution Factor: 1		Analysis Time..: 15:08	MDL.....: 1.1	
Thallium	ND	1.5	mg/kg	SW846 6010B	07/24-07/25/07	J3C0J1AD
		Dilution Factor: 1		Analysis Time..: 15:08	MDL.....: 0.84	
Vanadium	**18**	**2.6**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0J1AE**
		Dilution Factor: 1		Analysis Time..: 15:08	MDL.....: 0.80	
Zinc	**14**	**3.9**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0J1AF**
		Dilution Factor: 1		Analysis Time..: 15:08	MDL.....: 1.3	

Prep Batch #...: 7207202

Mercury	ND	42	ug/kg	SW846 7471A	08/02-08/03/07	J3C0J1AN
		Dilution Factor: 1		Analysis Time..: 14:16	MDL.....: 3.6	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: 0T32-SB04-25A

TOTAL Metals

Lot-Sample #...: D7G210163-003 **Matrix.....:** SO
Date Sampled...: 07/20/07 14:15 **Date Received..:** 07/21/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7205124						
Cobalt	**1.1 B**	**1.3**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0L1A0**
		Dilution Factor: 1		Analysis Time..: 15:13	MDL.....: 0.13	
Chromium	**4.7**	**1.9**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0L1A1**
		Dilution Factor: 1		Analysis Time..: 15:13	MDL.....: 0.51	
Copper	**1.8 B**	**2.5**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0L1A2**
		Dilution Factor: 1		Analysis Time..: 15:13	MDL.....: 0.71	
Iron	**4600**	**19**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0L1A3**
		Dilution Factor: 1		Analysis Time..: 15:13	MDL.....: 4.8	
Potassium	**990**	**380**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0L1A4**
		Dilution Factor: 1		Analysis Time..: 15:13	MDL.....: 52	
Magnesium	**2100**	**25**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0L1A5**
		Dilution Factor: 1		Analysis Time..: 15:13	MDL.....: 4.7	
Manganese	**33**	**1.3**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0L1A6**
		Dilution Factor: 1		Analysis Time..: 15:13	MDL.....: 0.13	
Sodium	**520 B**	**630**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0L1A7**
		Dilution Factor: 1		Analysis Time..: 15:13	MDL.....: 75	
Nickel	**2.7 B**	**5.1**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0L1A8**
		Dilution Factor: 1		Analysis Time..: 15:13	MDL.....: 0.30	
Lead	**2.0**	**1.0**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0L1A9**
		Dilution Factor: 1		Analysis Time..: 15:13	MDL.....: 0.34	
Antimony	ND	1.9	mg/kg	SW846 6010B	07/24-07/25/07	J3C0L1AA
		Dilution Factor: 1		Analysis Time..: 15:13	MDL.....: 0.48	
Selenium	ND	1.6	mg/kg	SW846 6010B	07/24-07/25/07	J3C0L1AC
		Dilution Factor: 1		Analysis Time..: 15:13	MDL.....: 1.1	
Thallium	ND	1.5	mg/kg	SW846 6010B	07/24-07/25/07	J3C0L1AD
		Dilution Factor: 1		Analysis Time..: 15:13	MDL.....: 0.82	

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Bhate Environmental Associates

Client Sample ID: 0T32-SB04-25A

TOTAL Metals

Lot-Sample #...: D7G210163-003 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	1.3	mg/kg	SW846 6010B	07/24-07/25/07	J3C0L1AQ
		Dilution Factor: 1		Analysis Time..: 15:13	MDL.....: 0.20	
Aluminum	**4300**	**13**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0L1AR**
		Dilution Factor: 1		Analysis Time..: 15:13	MDL.....: 6.2	
Arsenic	**2.7**	**2.5**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0L1AT**
		Dilution Factor: 1		Analysis Time..: 15:13	MDL.....: 0.84	
Barium	**39**	**1.3**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0L1AU**
		Dilution Factor: 1		Analysis Time..: 15:13	MDL.....: 0.30	
Beryllium	ND	0.63	mg/kg	SW846 6010B	07/24-07/25/07	J3C0L1AV
		Dilution Factor: 1		Analysis Time..: 15:13	MDL.....: 0.19	
Calcium	**130000 J**	**63**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0L1AW**
		Dilution Factor: 1		Analysis Time..: 15:13	MDL.....: 18	
Cadmium	ND	0.63	mg/kg	SW846 6010B	07/24-07/25/07	J3C0L1AX
		Dilution Factor: 1		Analysis Time..: 15:13	MDL.....: 0.052	
Vanadium	**15**	**2.5**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0L1AE**
		Dilution Factor: 1		Analysis Time..: 15:13	MDL.....: 0.79	
Zinc	**9.6**	**3.8**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0L1AF**
		Dilution Factor: 1		Analysis Time..: 15:13	MDL.....: 1.3	

Prep Batch #...: 7207202

Mercury	ND	42	ug/kg	SW846 7471A	08/02-08/03/07	J3C0L1AN
		Dilution Factor: 1		Analysis Time..: 14:18	MDL.....: 3.5	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: 0T32-SB08-20

TOTAL Metals

Lot-Sample #...: D7G210163-004 **Matrix.....:** SO
Date Sampled...: 07/19/07 13:15 **Date Received..:** 07/21/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7205124						
Silver	ND	1.2	mg/kg	SW846 6010B	07/24-07/25/07	J3C0M1AQ
		Dilution Factor: 1		Analysis Time..: 15:32	MDL.....: 0.19	
Aluminum	**5200**	**12**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0M1AR**
		Dilution Factor: 1		Analysis Time..: 15:32	MDL.....: 5.9	
Arsenic	**1.2 B**	**2.4**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0M1AT**
		Dilution Factor: 1		Analysis Time..: 15:32	MDL.....: 0.79	
Barium	**46**	**1.2**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0M1AU**
		Dilution Factor: 1		Analysis Time..: 15:32	MDL.....: 0.29	
Beryllium	**0.23 B**	**0.60**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0M1AV**
		Dilution Factor: 1		Analysis Time..: 15:32	MDL.....: 0.18	
Calcium	**180000 J**	**60**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0M1AW**
		Dilution Factor: 1		Analysis Time..: 15:32	MDL.....: 17	
Cadmium	**0.059 B**	**0.60**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0M1AX**
		Dilution Factor: 1		Analysis Time..: 15:32	MDL.....: 0.049	
Cobalt	**1.7**	**1.2**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0M1A0**
		Dilution Factor: 1		Analysis Time..: 15:32	MDL.....: 0.12	
Chromium	**5.7**	**1.8**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0M1A1**
		Dilution Factor: 1		Analysis Time..: 15:32	MDL.....: 0.48	
Copper	**2.8**	**2.4**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0M1A2**
		Dilution Factor: 1		Analysis Time..: 15:32	MDL.....: 0.67	
Iron	**4500**	**18**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0M1A3**
		Dilution Factor: 1		Analysis Time..: 15:32	MDL.....: 4.6	
Potassium	**1200**	**360**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0M1A4**
		Dilution Factor: 1		Analysis Time..: 15:32	MDL.....: 49	
Magnesium	**2600**	**24**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0M1A5**
		Dilution Factor: 1		Analysis Time..: 15:32	MDL.....: 4.4	

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Bhate Environmental Associates

Client Sample ID: 0T32-SB08-20

TOTAL Metals

Lot-Sample #...: D7G210163-004 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	**78**	**1.2**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0M1A6**
		Dilution Factor: 1		Analysis Time..: 15:32	MDL.....: 0.12	
Sodium	**1300**	**600**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0M1A7**
		Dilution Factor: 1		Analysis Time..: 15:32	MDL.....: 71	
Nickel	**4.1 B**	**4.8**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0M1A8**
		Dilution Factor: 1		Analysis Time..: 15:32	MDL.....: 0.29	
Lead	**3.0**	**0.96**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0M1A9**
		Dilution Factor: 1		Analysis Time..: 15:32	MDL.....: 0.32	
Antimony	ND	1.8	mg/kg	SW846 6010B	07/24-07/25/07	J3C0M1AA
		Dilution Factor: 1		Analysis Time..: 15:32	MDL.....: 0.46	
Selenium	ND	1.6	mg/kg	SW846 6010B	07/24-07/25/07	J3C0M1AC
		Dilution Factor: 1		Analysis Time..: 15:32	MDL.....: 1.0	
Thallium	ND	1.4	mg/kg	SW846 6010B	07/24-07/25/07	J3C0M1AD
		Dilution Factor: 1		Analysis Time..: 15:32	MDL.....: 0.78	
Vanadium	**10**	**2.4**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0M1AE**
		Dilution Factor: 1		Analysis Time..: 15:32	MDL.....: 0.74	
Zinc	**12**	**3.6**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0M1AF**
		Dilution Factor: 1		Analysis Time..: 15:32	MDL.....: 1.2	

Prep Batch #...: 7207202

Mercury	ND	40	ug/kg	SW846 7471A	08/02-08/03/07	J3C0M1AN
		Dilution Factor: 1		Analysis Time..: 14:20	MDL.....: 3.4	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: 0T32-SB08-30

TOTAL Metals

Lot-Sample #...: D7G210163-005 **Matrix.....:** SO
Date Sampled...: 07/19/07 13:30 **Date Received..:** 07/21/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7205124						
Silver	ND	1.3	mg/kg	SW846 6010B	07/24-07/25/07	J3C0N1AQ
		Dilution Factor: 1		Analysis Time..: 15:37	MDL.....: 0.20	
Aluminum	**11000**	**13**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0N1AR**
		Dilution Factor: 1		Analysis Time..: 15:37	MDL.....: 6.3	
Arsenic	**1.5 B**	**2.6**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0N1AT**
		Dilution Factor: 1		Analysis Time..: 15:37	MDL.....: 0.84	
Barium	**32**	**1.3**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0N1AU**
		Dilution Factor: 1		Analysis Time..: 15:37	MDL.....: 0.31	
Beryllium	**0.53 B**	**0.64**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0N1AV**
		Dilution Factor: 1		Analysis Time..: 15:37	MDL.....: 0.19	
Calcium	**150000 J**	**64**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0N1AW**
		Dilution Factor: 1		Analysis Time..: 15:37	MDL.....: 18	
Cadmium	**0.085 B**	**0.64**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0N1AX**
		Dilution Factor: 1		Analysis Time..: 15:37	MDL.....: 0.052	
Cobalt	**3.5**	**1.3**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0N1A0**
		Dilution Factor: 1		Analysis Time..: 15:37	MDL.....: 0.13	
Chromium	**11**	**1.9**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0N1A1**
		Dilution Factor: 1		Analysis Time..: 15:37	MDL.....: 0.51	
Copper	**4.8**	**2.6**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0N1A2**
		Dilution Factor: 1		Analysis Time..: 15:37	MDL.....: 0.72	
Iron	**8700**	**19**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0N1A3**
		Dilution Factor: 1		Analysis Time..: 15:37	MDL.....: 4.9	
Potassium	**2200**	**380**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0N1A4**
		Dilution Factor: 1		Analysis Time..: 15:37	MDL.....: 52	
Magnesium	**4700**	**26**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0N1A5**
		Dilution Factor: 1		Analysis Time..: 15:37	MDL.....: 4.7	

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Bhate Environmental Associates

Client Sample ID: 0T32-SB08-30

TOTAL Metals

Lot-Sample #...: D7G210163-005 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	**120**	**1.3**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0N1A6**
		Dilution Factor: 1		Analysis Time..: 15:37	MDL.....: 0.13	
Sodium	**810**	**640**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0N1A7**
		Dilution Factor: 1		Analysis Time..: 15:37	MDL.....: 75	
Nickel	**8.1**	**5.1**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0N1A8**
		Dilution Factor: 1		Analysis Time..: 15:37	MDL.....: 0.31	
Lead	**5.0**	**1.0**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0N1A9**
		Dilution Factor: 1		Analysis Time..: 15:37	MDL.....: 0.35	
Antimony	ND	1.9	mg/kg	SW846 6010B	07/24-07/25/07	J3C0N1AA
		Dilution Factor: 1		Analysis Time..: 15:37	MDL.....: 0.49	
Selenium	ND	1.7	mg/kg	SW846 6010B	07/24-07/25/07	J3C0N1AC
		Dilution Factor: 1		Analysis Time..: 15:37	MDL.....: 1.1	
Thallium	ND	1.5	mg/kg	SW846 6010B	07/24-07/25/07	J3C0N1AD
		Dilution Factor: 1		Analysis Time..: 15:37	MDL.....: 0.83	
Vanadium	**19**	**2.6**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0N1AE**
		Dilution Factor: 1		Analysis Time..: 15:37	MDL.....: 0.79	
Zinc	**27**	**3.8**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0N1AF**
		Dilution Factor: 1		Analysis Time..: 15:37	MDL.....: 1.3	

Prep Batch #...: 7207202

Mercury	ND	42	ug/kg	SW846 7471A	08/02-08/03/07	J3C0N1AN
		Dilution Factor: 1		Analysis Time..: 14:27	MDL.....: 3.6	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: 0T32-SB08-30A

TOTAL Metals

Lot-Sample #...: D7G210163-006 **Matrix.....:** SO
Date Sampled...: 07/19/07 13:30 **Date Received..:** 07/21/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7205124						
Silver	ND	1.4	mg/kg	SW846 6010B	07/24-07/25/07	J3C0Q1AQ
		Dilution Factor: 1		Analysis Time..: 15:42	MDL.....: 0.23	
Aluminum	**11000**	**14**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0Q1AR**
		Dilution Factor: 1		Analysis Time..: 15:42	MDL.....: 7.0	
Arsenic	**1.8 B**	**2.9**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0Q1AT**
		Dilution Factor: 1		Analysis Time..: 15:42	MDL.....: 0.95	
Barium	**55**	**1.4**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0Q1AU**
		Dilution Factor: 1		Analysis Time..: 15:42	MDL.....: 0.34	
Beryllium	**0.58 B**	**0.72**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0Q1AV**
		Dilution Factor: 1		Analysis Time..: 15:42	MDL.....: 0.22	
Calcium	**140000 J**	**72**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0Q1AW**
		Dilution Factor: 1		Analysis Time..: 15:42	MDL.....: 20	
Cadmium	ND	0.72	mg/kg	SW846 6010B	07/24-07/25/07	J3C0Q1AX
		Dilution Factor: 1		Analysis Time..: 15:42	MDL.....: 0.059	
Cobalt	**3.8**	**1.4**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0Q1A0**
		Dilution Factor: 1		Analysis Time..: 15:42	MDL.....: 0.14	
Chromium	**12**	**2.2**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0Q1A1**
		Dilution Factor: 1		Analysis Time..: 15:42	MDL.....: 0.57	
Copper	**5.2**	**2.9**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0Q1A2**
		Dilution Factor: 1		Analysis Time..: 15:42	MDL.....: 0.80	
Iron	**9900**	**22**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0Q1A3**
		Dilution Factor: 1		Analysis Time..: 15:42	MDL.....: 5.5	
Potassium	**2300**	**430**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0Q1A4**
		Dilution Factor: 1		Analysis Time..: 15:42	MDL.....: 59	
Magnesium	**5000**	**29**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0Q1A5**
		Dilution Factor: 1		Analysis Time..: 15:42	MDL.....: 5.3	

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Bhate Environmental Associates

Client Sample ID: 0T32-SB08-30A

TOTAL Metals

Lot-Sample #...: D7G210163-006 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	**120**	**1.4**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0Q1A6**
		Dilution Factor: 1		Analysis Time..: 15:42	MDL.....: 0.14	
Sodium	**920**	**720**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0Q1A7**
		Dilution Factor: 1		Analysis Time..: 15:42	MDL.....: 85	
Nickel	**9.0**	**5.7**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0Q1A8**
		Dilution Factor: 1		Analysis Time..: 15:42	MDL.....: 0.34	
Lead	**5.3**	**1.1**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0Q1A9**
		Dilution Factor: 1		Analysis Time..: 15:42	MDL.....: 0.39	
Antimony	ND	2.2	mg/kg	SW846 6010B	07/24-07/25/07	J3C0Q1AA
		Dilution Factor: 1		Analysis Time..: 15:42	MDL.....: 0.55	
Selenium	ND	1.9	mg/kg	SW846 6010B	07/24-07/25/07	J3C0Q1AC
		Dilution Factor: 1		Analysis Time..: 15:42	MDL.....: 1.2	
Thallium	ND	1.7	mg/kg	SW846 6010B	07/24-07/25/07	J3C0Q1AD
		Dilution Factor: 1		Analysis Time..: 15:42	MDL.....: 0.93	
Vanadium	**19**	**2.9**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0Q1AE**
		Dilution Factor: 1		Analysis Time..: 15:42	MDL.....: 0.89	
Zinc	**26**	**4.3**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0Q1AF**
		Dilution Factor: 1		Analysis Time..: 15:42	MDL.....: 1.4	

Prep Batch #...: 7207202

Mercury	ND	47	ug/kg	SW846 7471A	08/02-08/03/07	J3C0Q1AN
		Dilution Factor: 1		Analysis Time..: 14:30	MDL.....: 4.0	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: 0T32-SB07-10

TOTAL Metals

Lot-Sample #...: D7G210163-007 **Matrix.....:** SO
Date Sampled...: 07/19/07 15:15 **Date Received..:** 07/21/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7205124						
Silver	ND	1.2	mg/kg	SW846 6010B	07/24-07/25/07	J3C0R1AQ
		Dilution Factor: 1		Analysis Time..: 15:47	MDL.....: 0.19	
Aluminum	**4800**	**12**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0R1AR**
		Dilution Factor: 1		Analysis Time..: 15:47	MDL.....: 5.7	
Arsenic	**1.3 B**	**2.3**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0R1AT**
		Dilution Factor: 1		Analysis Time..: 15:47	MDL.....: 0.77	
Barium	**34**	**1.2**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0R1AU**
		Dilution Factor: 1		Analysis Time..: 15:47	MDL.....: 0.28	
Beryllium	**0.23 B**	**0.58**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0R1AV**
		Dilution Factor: 1		Analysis Time..: 15:47	MDL.....: 0.17	
Calcium	**150000 J**	**58**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0R1AW**
		Dilution Factor: 1		Analysis Time..: 15:47	MDL.....: 16	
Cadmium	**0.067 B**	**0.58**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0R1AX**
		Dilution Factor: 1		Analysis Time..: 15:47	MDL.....: 0.048	
Cobalt	**1.4**	**1.2**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0R1A0**
		Dilution Factor: 1		Analysis Time..: 15:47	MDL.....: 0.12	
Chromium	**5.3**	**1.7**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0R1A1**
		Dilution Factor: 1		Analysis Time..: 15:47	MDL.....: 0.46	
Copper	**2.3**	**2.3**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0R1A2**
		Dilution Factor: 1		Analysis Time..: 15:47	MDL.....: 0.65	
Iron	**4100**	**17**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0R1A3**
		Dilution Factor: 1		Analysis Time..: 15:47	MDL.....: 4.4	
Potassium	**1200**	**350**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0R1A4**
		Dilution Factor: 1		Analysis Time..: 15:47	MDL.....: 48	
Magnesium	**2400**	**23**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0R1A5**
		Dilution Factor: 1		Analysis Time..: 15:47	MDL.....: 4.3	

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Bhate Environmental Associates

Client Sample ID: 0T32-SB07-10

TOTAL Metals

Lot-Sample #...: D7G210163-007 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	**66**	**1.2**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0R1A6**
		Dilution Factor: 1		Analysis Time..: 15:47	MDL.....: 0.12	
Sodium	**1000**	**580**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0R1A7**
		Dilution Factor: 1		Analysis Time..: 15:47	MDL.....: 68	
Nickel	**3.6 B**	**4.6**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0R1A8**
		Dilution Factor: 1		Analysis Time..: 15:47	MDL.....: 0.28	
Lead	**2.7**	**0.93**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0R1A9**
		Dilution Factor: 1		Analysis Time..: 15:47	MDL.....: 0.31	
Antimony	ND	1.7	mg/kg	SW846 6010B	07/24-07/25/07	J3C0R1AA
		Dilution Factor: 1		Analysis Time..: 15:47	MDL.....: 0.44	
Selenium	ND	1.5	mg/kg	SW846 6010B	07/24-07/25/07	J3C0R1AC
		Dilution Factor: 1		Analysis Time..: 15:47	MDL.....: 1.0	
Thallium	ND	1.4	mg/kg	SW846 6010B	07/24-07/25/07	J3C0R1AD
		Dilution Factor: 1		Analysis Time..: 15:47	MDL.....: 0.75	
Vanadium	**10**	**2.3**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0R1AE**
		Dilution Factor: 1		Analysis Time..: 15:47	MDL.....: 0.72	
Zinc	**11**	**3.5**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0R1AF**
		Dilution Factor: 1		Analysis Time..: 15:47	MDL.....: 1.2	

Prep Batch #...: 7207202

Mercury	ND	38	ug/kg	SW846 7471A	08/02-08/03/07	J3C0R1AN
		Dilution Factor: 1		Analysis Time..: 14:32	MDL.....: 3.2	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: 0T32-SB07-25

TOTAL Metals

Lot-Sample #...: D7G210163-008 **Matrix.....:** SO
Date Sampled...: 07/19/07 15:30 **Date Received..:** 07/21/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7205124						
Silver	ND	1.4	mg/kg	SW846 6010B	07/24-07/25/07	J3C0T1AQ
		Dilution Factor: 1		Analysis Time..: 15:52	MDL.....: 0.22	
Aluminum	**1500**	**14**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0T1AR**
		Dilution Factor: 1		Analysis Time..: 15:52	MDL.....: 6.7	
Arsenic	**1.0 B**	**2.7**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0T1AT**
		Dilution Factor: 1		Analysis Time..: 15:52	MDL.....: 0.91	
Barium	**15**	**1.4**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0T1AU**
		Dilution Factor: 1		Analysis Time..: 15:52	MDL.....: 0.33	
Beryllium	ND	0.69	mg/kg	SW846 6010B	07/24-07/25/07	J3C0T1AV
		Dilution Factor: 1		Analysis Time..: 15:52	MDL.....: 0.21	
Calcium	**220000 J**	**69**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0T1AW**
		Dilution Factor: 1		Analysis Time..: 15:52	MDL.....: 19	
Cadmium	ND	0.69	mg/kg	SW846 6010B	07/24-07/25/07	J3C0T1AX
		Dilution Factor: 1		Analysis Time..: 15:52	MDL.....: 0.056	
Cobalt	**0.48 B**	**1.4**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0T1A0**
		Dilution Factor: 1		Analysis Time..: 15:52	MDL.....: 0.14	
Chromium	**1.8 B**	**2.1**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0T1A1**
		Dilution Factor: 1		Analysis Time..: 15:52	MDL.....: 0.55	
Copper	**2.1 B**	**2.7**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0T1A2**
		Dilution Factor: 1		Analysis Time..: 15:52	MDL.....: 0.77	
Iron	**1200**	**21**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0T1A3**
		Dilution Factor: 1		Analysis Time..: 15:52	MDL.....: 5.2	
Potassium	**350 B**	**410**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0T1A4**
		Dilution Factor: 1		Analysis Time..: 15:52	MDL.....: 56	
Magnesium	**1200**	**27**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0T1A5**
		Dilution Factor: 1		Analysis Time..: 15:52	MDL.....: 5.1	

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Bhate Environmental Associates

Client Sample ID: 0T32-SB07-25

TOTAL Metals

Lot-Sample #...: D7G210163-008 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	**58**	**1.4**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0T1A6**
		Dilution Factor: 1		Analysis Time..: 15:52	MDL.....: 0.14	
Sodium	**830**	**690**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0T1A7**
		Dilution Factor: 1		Analysis Time..: 15:52	MDL.....: 81	
Nickel	**1.4 B**	**5.5**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0T1A8**
		Dilution Factor: 1		Analysis Time..: 15:52	MDL.....: 0.33	
Lead	**1.7**	**1.1**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0T1A9**
		Dilution Factor: 1		Analysis Time..: 15:52	MDL.....: 0.37	
Antimony	ND	2.1	mg/kg	SW846 6010B	07/24-07/25/07	J3C0T1AA
		Dilution Factor: 1		Analysis Time..: 15:52	MDL.....: 0.52	
Selenium	ND	1.8	mg/kg	SW846 6010B	07/24-07/25/07	J3C0T1AC
		Dilution Factor: 1		Analysis Time..: 15:52	MDL.....: 1.2	
Thallium	ND	1.6	mg/kg	SW846 6010B	07/24-07/25/07	J3C0T1AD
		Dilution Factor: 1		Analysis Time..: 15:52	MDL.....: 0.89	
Vanadium	**3.6**	**2.7**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0T1AE**
		Dilution Factor: 1		Analysis Time..: 15:52	MDL.....: 0.85	
Zinc	**4.5**	**4.1**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C0T1AF**
		Dilution Factor: 1		Analysis Time..: 15:52	MDL.....: 1.4	

Prep Batch #...: 7207202

Mercury	ND	45	ug/kg	SW846 7471A	08/02-08/03/07	J3C0T1AN
		Dilution Factor: 1		Analysis Time..: 14:34	MDL.....: 3.8	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: 0T32-SB08-20-D

TOTAL Metals

Lot-Sample #...: D7G210163-011 **Matrix.....:** WG
Date Sampled...: 07/19/07 13:05 **Date Received..:** 07/21/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7204497						
Silver	ND	10	ug/L	SW846 6010B	07/24-07/25/07	J3C011AC
		Dilution Factor: 1		Analysis Time..: 18:16	MDL.....: 2.8	
Aluminum	ND	100	ug/L	SW846 6010B	07/24-07/25/07	J3C011AD
		Dilution Factor: 1		Analysis Time..: 18:16	MDL.....: 18	
Arsenic	ND	15	ug/L	SW846 6010B	07/24-07/25/07	J3C011AE
		Dilution Factor: 1		Analysis Time..: 18:16	MDL.....: 4.4	
Barium	ND	10	ug/L	SW846 6010B	07/24-07/25/07	J3C011AF
		Dilution Factor: 1		Analysis Time..: 18:16	MDL.....: 1.0	
Beryllium	ND	5.0	ug/L	SW846 6010B	07/24-07/25/07	J3C011AG
		Dilution Factor: 1		Analysis Time..: 18:16	MDL.....: 0.47	
Calcium	**72 B,J**	**200**	**ug/L**	**SW846 6010B**	**07/24-07/25/07**	**J3C011AH**
		Dilution Factor: 1		Analysis Time..: 18:16	MDL.....: 34	
Cadmium	ND	5.0	ug/L	SW846 6010B	07/24-07/25/07	J3C011AJ
		Dilution Factor: 1		Analysis Time..: 18:16	MDL.....: 0.45	
Cobalt	ND	10	ug/L	SW846 6010B	07/24-07/25/07	J3C011AK
		Dilution Factor: 1		Analysis Time..: 18:16	MDL.....: 1.2	
Chromium	ND	10	ug/L	SW846 6010B	07/24-07/25/07	J3C011AL
		Dilution Factor: 1		Analysis Time..: 18:16	MDL.....: 2.6	
Copper	ND	15	ug/L	SW846 6010B	07/24-07/25/07	J3C011AM
		Dilution Factor: 1		Analysis Time..: 18:16	MDL.....: 4.5	
Iron	ND	100	ug/L	SW846 6010B	07/24-07/25/07	J3C011AN
		Dilution Factor: 1		Analysis Time..: 18:16	MDL.....: 22	
Potassium	ND	3000	ug/L	SW846 6010B	07/24-07/25/07	J3C011AP
		Dilution Factor: 1		Analysis Time..: 18:16	MDL.....: 240	
Magnesium	ND	200	ug/L	SW846 6010B	07/24-07/25/07	J3C011AQ
		Dilution Factor: 1		Analysis Time..: 18:16	MDL.....: 43	

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Bhate Environmental Associates

Client Sample ID: 0T32-SB08-20-D

TOTAL Metals

Lot-Sample #...: D7G210163-011 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	ND	10	ug/L	SW846 6010B	07/24-07/25/07	J3C011AR
		Dilution Factor: 1		Analysis Time..: 18:16	MDL.....: 1.8	
Sodium	**350 B**	**1000**	**ug/L**	**SW846 6010B**	**07/24-07/25/07**	**J3C011AT**
		Dilution Factor: 1		Analysis Time..: 18:16	MDL.....: 92	
Nickel	ND	40	ug/L	SW846 6010B	07/24-07/25/07	J3C011AU
		Dilution Factor: 1		Analysis Time..: 18:16	MDL.....: 7.8	
Lead	ND	9.0	ug/L	SW846 6010B	07/24-07/25/07	J3C011AV
		Dilution Factor: 1		Analysis Time..: 18:16	MDL.....: 2.6	
Antimony	ND	10	ug/L	SW846 6010B	07/24-07/25/07	J3C011AW
		Dilution Factor: 1		Analysis Time..: 18:16	MDL.....: 3.1	
Selenium	ND	15	ug/L	SW846 6010B	07/24-07/25/07	J3C011AX
		Dilution Factor: 1		Analysis Time..: 18:16	MDL.....: 4.9	
Thallium	ND	15	ug/L	SW846 6010B	07/24-07/25/07	J3C011A0
		Dilution Factor: 1		Analysis Time..: 18:16	MDL.....: 4.9	
Vanadium	ND	10	ug/L	SW846 6010B	07/24-07/25/07	J3C011A1
		Dilution Factor: 1		Analysis Time..: 18:16	MDL.....: 2.5	
Zinc	**5.9 B,J**	**20**	**ug/L**	**SW846 6010B**	**07/24-07/25/07**	**J3C011A2**
		Dilution Factor: 1		Analysis Time..: 18:16	MDL.....: 4.5	

Prep Batch #...: 7209154

Mercury	ND	0.20	ug/L	SW846 7470A	08/02-08/03/07	J3C011AA
		Dilution Factor: 1		Analysis Time..: 01:00	MDL.....: 0.027	

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: 0T32-TMW12

TOTAL Metals

Lot-Sample #...: D7G210163-012 **Matrix.....:** WG
Date Sampled...: 07/19/07 15:37 **Date Received..:** 07/21/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7204497						
Silver	ND	10	ug/L	SW846 6010B	07/24-07/25/07	J3C051AK
		Dilution Factor: 1		Analysis Time..: 18:21	MDL.....: 2.8	
Aluminum	ND	100	ug/L	SW846 6010B	07/24-07/25/07	J3C051AL
		Dilution Factor: 1		Analysis Time..: 18:21	MDL.....: 18	
Arsenic	ND	15	ug/L	SW846 6010B	07/24-07/25/07	J3C051AM
		Dilution Factor: 1		Analysis Time..: 18:21	MDL.....: 4.4	
Barium	**38**	**10**	**ug/L**	**SW846 6010B**	**07/24-07/25/07**	**J3C051AN**
		Dilution Factor: 1		Analysis Time..: 18:21	MDL.....: 1.0	
Beryllium	ND	5.0	ug/L	SW846 6010B	07/24-07/25/07	J3C051AP
		Dilution Factor: 1		Analysis Time..: 18:21	MDL.....: 0.47	
Calcium	**770000 J**	**200**	**ug/L**	**SW846 6010B**	**07/24-07/25/07**	**J3C051AQ**
		Dilution Factor: 1		Analysis Time..: 18:21	MDL.....: 34	
Cadmium	**1.0 B**	**5.0**	**ug/L**	**SW846 6010B**	**07/24-07/25/07**	**J3C051AR**
		Dilution Factor: 1		Analysis Time..: 18:21	MDL.....: 0.45	
Cobalt	**4.1 B**	**10**	**ug/L**	**SW846 6010B**	**07/24-07/25/07**	**J3C051AT**
		Dilution Factor: 1		Analysis Time..: 18:21	MDL.....: 1.2	
Chromium	ND	10	ug/L	SW846 6010B	07/24-07/25/07	J3C051AU
		Dilution Factor: 1		Analysis Time..: 18:21	MDL.....: 2.6	
Copper	ND	15	ug/L	SW846 6010B	07/24-07/25/07	J3C051AV
		Dilution Factor: 1		Analysis Time..: 18:21	MDL.....: 4.5	
Iron	ND	100	ug/L	SW846 6010B	07/24-07/25/07	J3C051AW
		Dilution Factor: 1		Analysis Time..: 18:21	MDL.....: 22	
Potassium	**6800**	**3000**	**ug/L**	**SW846 6010B**	**07/24-07/25/07**	**J3C051AX**
		Dilution Factor: 1		Analysis Time..: 18:21	MDL.....: 240	
Magnesium	**510000**	**200**	**ug/L**	**SW846 6010B**	**07/24-07/25/07**	**J3C051A0**
		Dilution Factor: 1		Analysis Time..: 18:21	MDL.....: 43	

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Bhate Environmental Associates

Client Sample ID: 0T32-TMW12

TOTAL Metals

Lot-Sample #...: D7G210163-012 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	**260**	**10**	**ug/L**	**SW846 6010B**	**07/24-07/25/07**	**J3C051A1**
		Dilution Factor: 1		Analysis Time..: 18:21	MDL.....: 1.8	
Sodium	**2300000**	**1000**	**ug/L**	**SW846 6010B**	**07/24-07/25/07**	**J3C051A2**
		Dilution Factor: 1		Analysis Time..: 18:21	MDL.....: 92	
Nickel	ND	40	ug/L	SW846 6010B	07/24-07/25/07	J3C051A3
		Dilution Factor: 1		Analysis Time..: 18:21	MDL.....: 7.8	
Lead	ND	9.0	ug/L	SW846 6010B	07/24-07/25/07	J3C051A4
		Dilution Factor: 1		Analysis Time..: 18:21	MDL.....: 2.6	
Antimony	ND	10	ug/L	SW846 6010B	07/24-07/25/07	J3C051A5
		Dilution Factor: 1		Analysis Time..: 18:21	MDL.....: 3.1	
Selenium	**7.3 B**	**15**	**ug/L**	**SW846 6010B**	**07/24-07/25/07**	**J3C051A6**
		Dilution Factor: 1		Analysis Time..: 18:21	MDL.....: 4.9	
Thallium	ND	15	ug/L	SW846 6010B	07/24-07/25/07	J3C051AA
		Dilution Factor: 1		Analysis Time..: 18:21	MDL.....: 4.9	
Vanadium	**15**	**10**	**ug/L**	**SW846 6010B**	**07/24-07/25/07**	**J3C051AC**
		Dilution Factor: 1		Analysis Time..: 18:21	MDL.....: 2.5	
Zinc	**7.4 B,J**	**20**	**ug/L**	**SW846 6010B**	**07/24-07/25/07**	**J3C051AD**
		Dilution Factor: 1		Analysis Time..: 18:21	MDL.....: 4.5	

Prep Batch #...: 7209154

Mercury	**0.039 B,J**	**0.20**	**ug/L**	**SW846 7470A**	**08/02-08/03/07**	**J3C051AJ**
		Dilution Factor: 1		Analysis Time..: 01:03	MDL.....: 0.027	

NOTE(S):

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: 0T32-TMW11

TOTAL Metals

Lot-Sample #...: D7G210163-013 **Matrix.....:** WG
Date Sampled...: 07/20/07 09:22 **Date Received..:** 07/21/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7204497						
Silver	ND	10	ug/L	SW846 6010B	07/24-07/25/07	J3C071AT
		Dilution Factor: 1		Analysis Time..: 18:37	MDL.....: 2.8	
Aluminum	ND	100	ug/L	SW846 6010B	07/24-07/25/07	J3C071AU
		Dilution Factor: 1		Analysis Time..: 18:37	MDL.....: 18	
Arsenic	**8.7 B**	**15**	**ug/L**	**SW846 6010B**	**07/24-07/25/07**	**J3C071AV**
		Dilution Factor: 1		Analysis Time..: 18:37	MDL.....: 4.4	
Barium	**28**	**10**	**ug/L**	**SW846 6010B**	**07/24-07/25/07**	**J3C071AW**
		Dilution Factor: 1		Analysis Time..: 18:37	MDL.....: 1.0	
Beryllium	ND	5.0	ug/L	SW846 6010B	07/24-07/25/07	J3C071AX
		Dilution Factor: 1		Analysis Time..: 18:37	MDL.....: 0.47	
Calcium	**740000 J**	**200**	**ug/L**	**SW846 6010B**	**07/24-07/25/07**	**J3C071A0**
		Dilution Factor: 1		Analysis Time..: 18:37	MDL.....: 34	
Cadmium	**0.90 B**	**5.0**	**ug/L**	**SW846 6010B**	**07/24-07/25/07**	**J3C071A1**
		Dilution Factor: 1		Analysis Time..: 18:37	MDL.....: 0.45	
Cobalt	**1.2 B**	**10**	**ug/L**	**SW846 6010B**	**07/24-07/25/07**	**J3C071A2**
		Dilution Factor: 1		Analysis Time..: 18:37	MDL.....: 1.2	
Chromium	ND	10	ug/L	SW846 6010B	07/24-07/25/07	J3C071A3
		Dilution Factor: 1		Analysis Time..: 18:37	MDL.....: 2.6	
Copper	ND	15	ug/L	SW846 6010B	07/24-07/25/07	J3C071A4
		Dilution Factor: 1		Analysis Time..: 18:37	MDL.....: 4.5	
Iron	**37 B,J**	**100**	**ug/L**	**SW846 6010B**	**07/24-07/25/07**	**J3C071A5**
		Dilution Factor: 1		Analysis Time..: 18:37	MDL.....: 22	
Potassium	**3600**	**3000**	**ug/L**	**SW846 6010B**	**07/24-07/25/07**	**J3C071A6**
		Dilution Factor: 1		Analysis Time..: 18:37	MDL.....: 240	
Magnesium	**440000**	**200**	**ug/L**	**SW846 6010B**	**07/24-07/25/07**	**J3C071AA**
		Dilution Factor: 1		Analysis Time..: 18:37	MDL.....: 43	

(Continued on next page)

Bhate Environmental Associates

Client Sample ID: 0T32-TMW11

TOTAL Metals

Lot-Sample #...: D7G210163-013 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	**69**	**10**	**ug/L**	**SW846 6010B**	**07/24-07/25/07**	**J3C071AC**
		Dilution Factor: 1		Analysis Time..: 18:37	MDL.....: 1.8	
Sodium	**2400000**	**1000**	**ug/L**	**SW846 6010B**	**07/24-07/25/07**	**J3C071AD**
		Dilution Factor: 1		Analysis Time..: 18:37	MDL.....: 92	
Nickel	ND	40	ug/L	SW846 6010B	07/24-07/25/07	J3C071AE
		Dilution Factor: 1		Analysis Time..: 18:37	MDL.....: 7.8	
Lead	ND	9.0	ug/L	SW846 6010B	07/24-07/25/07	J3C071AF
		Dilution Factor: 1		Analysis Time..: 18:37	MDL.....: 2.6	
Antimony	ND	10	ug/L	SW846 6010B	07/24-07/25/07	J3C071AG
		Dilution Factor: 1		Analysis Time..: 18:37	MDL.....: 3.1	
Selenium	ND	15	ug/L	SW846 6010B	07/24-07/25/07	J3C071AH
		Dilution Factor: 1		Analysis Time..: 18:37	MDL.....: 4.9	
Thallium	ND	15	ug/L	SW846 6010B	07/24-07/25/07	J3C071AJ
		Dilution Factor: 1		Analysis Time..: 18:37	MDL.....: 4.9	
Vanadium	**27**	**10**	**ug/L**	**SW846 6010B**	**07/24-07/25/07**	**J3C071AK**
		Dilution Factor: 1		Analysis Time..: 18:37	MDL.....: 2.5	
Zinc	**6.1 B,J**	**20**	**ug/L**	**SW846 6010B**	**07/24-07/25/07**	**J3C071AL**
		Dilution Factor: 1		Analysis Time..: 18:37	MDL.....: 4.5	

Prep Batch #...: 7209154

Mercury	**0.036 B,J**	**0.20**	**ug/L**	**SW846 7470A**	**08/02-08/03/07**	**J3C071AR**
		Dilution Factor: 1		Analysis Time..: 01:05	MDL.....: 0.027	

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: 0T37-MW09

TOTAL Metals

Lot-Sample #...: D7G210163-014 **Matrix.....:** WG
Date Sampled...: 07/19/07 16:35 **Date Received..:** 07/21/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7204497						
Silver	ND	10	ug/L	SW846 6010B	07/24-07/25/07	J3C091AH
		Dilution Factor: 1		Analysis Time..: 18:42	MDL.....: 2.8	
Arsenic	**6.0 B**	**15**	**ug/L**	**SW846 6010B**	**07/24-07/25/07**	**J3C091AJ**
		Dilution Factor: 1		Analysis Time..: 18:42	MDL.....: 4.4	
Barium	**49**	**10**	**ug/L**	**SW846 6010B**	**07/24-07/25/07**	**J3C091AE**
		Dilution Factor: 1		Analysis Time..: 18:42	MDL.....: 1.0	
Cadmium	**0.74 B**	**5.0**	**ug/L**	**SW846 6010B**	**07/24-07/25/07**	**J3C091AF**
		Dilution Factor: 1		Analysis Time..: 18:42	MDL.....: 0.45	
Chromium	ND	10	ug/L	SW846 6010B	07/24-07/25/07	J3C091AG
		Dilution Factor: 1		Analysis Time..: 18:42	MDL.....: 2.6	
Lead	ND	9.0	ug/L	SW846 6010B	07/24-07/25/07	J3C091AK
		Dilution Factor: 1		Analysis Time..: 18:42	MDL.....: 2.6	
Selenium	ND	15	ug/L	SW846 6010B	07/24-07/25/07	J3C091AD
		Dilution Factor: 1		Analysis Time..: 18:42	MDL.....: 4.9	
Prep Batch #...: 7209154						
Mercury	**0.037 B,J**	**0.20**	**ug/L**	**SW846 7470A**	**08/02-08/03/07**	**J3C091AL**
		Dilution Factor: 1		Analysis Time..: 01:07	MDL.....: 0.027	

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: 0T37-MW10

TOTAL Metals

Lot-Sample #...: D7G210163-015 **Matrix.....:** WG
Date Sampled...: 07/20/07 08:30 **Date Received..:** 07/21/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7204497						
Silver	ND	10	ug/L	SW846 6010B	07/24-07/25/07	J3C1G1AH
		Dilution Factor: 1		Analysis Time..: 18:47	MDL.....: 2.8	
Arsenic	**6.0 B**	**15**	**ug/L**	**SW846 6010B**	**07/24-07/25/07**	**J3C1G1AJ**
		Dilution Factor: 1		Analysis Time..: 18:47	MDL.....: 4.4	
Barium	**67**	**10**	**ug/L**	**SW846 6010B**	**07/24-07/25/07**	**J3C1G1AE**
		Dilution Factor: 1		Analysis Time..: 18:47	MDL.....: 1.0	
Cadmium	**1.1 B**	**5.0**	**ug/L**	**SW846 6010B**	**07/24-07/25/07**	**J3C1G1AF**
		Dilution Factor: 1		Analysis Time..: 18:47	MDL.....: 0.45	
Chromium	ND	10	ug/L	SW846 6010B	07/24-07/25/07	J3C1G1AG
		Dilution Factor: 1		Analysis Time..: 18:47	MDL.....: 2.6	
Lead	ND	9.0	ug/L	SW846 6010B	07/24-07/25/07	J3C1G1AK
		Dilution Factor: 1		Analysis Time..: 18:47	MDL.....: 2.6	
Selenium	**10 B**	**15**	**ug/L**	**SW846 6010B**	**07/24-07/25/07**	**J3C1G1AD**
		Dilution Factor: 1		Analysis Time..: 18:47	MDL.....: 4.9	
Prep Batch #...: 7209154						
Mercury	**0.039 B,J**	**0.20**	**ug/L**	**SW846 7470A**	**08/02-08/03/07**	**J3C1G1AL**
		Dilution Factor: 1		Analysis Time..: 01:14	MDL.....: 0.027	

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: 0T32-TMW10

TOTAL Metals

Lot-Sample #...: D7G210163-017 **Matrix.....:** WG
Date Sampled...: 07/20/07 11:00 **Date Received..:** 07/21/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7204497						
Silver	ND	10	ug/L	SW846 6010B	07/24-07/25/07	J3C1J1AC
		Dilution Factor: 1		Analysis Time..: 18:52	MDL.....: 2.8	
Aluminum	ND	100	ug/L	SW846 6010B	07/24-07/25/07	J3C1J1AD
		Dilution Factor: 1		Analysis Time..: 18:52	MDL.....: 18	
Arsenic	ND	15	ug/L	SW846 6010B	07/24-07/25/07	J3C1J1AE
		Dilution Factor: 1		Analysis Time..: 18:52	MDL.....: 4.4	
Barium	**100**	**10**	**ug/L**	**SW846 6010B**	**07/24-07/25/07**	**J3C1J1AF**
		Dilution Factor: 1		Analysis Time..: 18:52	MDL.....: 1.0	
Beryllium	ND	5.0	ug/L	SW846 6010B	07/24-07/25/07	J3C1J1AG
		Dilution Factor: 1		Analysis Time..: 18:52	MDL.....: 0.47	
Calcium	**870000 J**	**200**	**ug/L**	**SW846 6010B**	**07/24-07/25/07**	**J3C1J1AH**
		Dilution Factor: 1		Analysis Time..: 18:52	MDL.....: 34	
Cadmium	**1.2 B**	**5.0**	**ug/L**	**SW846 6010B**	**07/24-07/25/07**	**J3C1J1AJ**
		Dilution Factor: 1		Analysis Time..: 18:52	MDL.....: 0.45	
Cobalt	**4.6 B**	**10**	**ug/L**	**SW846 6010B**	**07/24-07/25/07**	**J3C1J1AK**
		Dilution Factor: 1		Analysis Time..: 18:52	MDL.....: 1.2	
Chromium	ND	10	ug/L	SW846 6010B	07/24-07/25/07	J3C1J1AL
		Dilution Factor: 1		Analysis Time..: 18:52	MDL.....: 2.6	
Copper	**54**	**15**	**ug/L**	**SW846 6010B**	**07/24-07/25/07**	**J3C1J1AM**
		Dilution Factor: 1		Analysis Time..: 18:52	MDL.....: 4.5	
Iron	**29 B,J**	**100**	**ug/L**	**SW846 6010B**	**07/24-07/25/07**	**J3C1J1AN**
		Dilution Factor: 1		Analysis Time..: 18:52	MDL.....: 22	
Potassium	**17000**	**3000**	**ug/L**	**SW846 6010B**	**07/24-07/25/07**	**J3C1J1AP**
		Dilution Factor: 1		Analysis Time..: 18:52	MDL.....: 240	
Magnesium	**570000**	**200**	**ug/L**	**SW846 6010B**	**07/24-07/25/07**	**J3C1J1AQ**
		Dilution Factor: 1		Analysis Time..: 18:52	MDL.....: 43	

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Bhate Environmental Associates

Client Sample ID: 0T32-TMW10

TOTAL Metals

Lot-Sample #...: D7G210163-017 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	**660**	**10**	**ug/L**	**SW846 6010B**	**07/24-07/25/07**	**J3C1J1AR**
		Dilution Factor: 1		Analysis Time..: 18:52	MDL.....: 1.8	
Sodium	**3200000**	**1000**	**ug/L**	**SW846 6010B**	**07/24-07/25/07**	**J3C1J1AT**
		Dilution Factor: 1		Analysis Time..: 18:52	MDL.....: 92	
Nickel	**8.8 B**	**40**	**ug/L**	**SW846 6010B**	**07/24-07/25/07**	**J3C1J1AU**
		Dilution Factor: 1		Analysis Time..: 18:52	MDL.....: 7.8	
Lead	ND	9.0	ug/L	SW846 6010B	07/24-07/25/07	J3C1J1AV
		Dilution Factor: 1		Analysis Time..: 18:52	MDL.....: 2.6	
Antimony	ND	10	ug/L	SW846 6010B	07/24-07/25/07	J3C1J1AW
		Dilution Factor: 1		Analysis Time..: 18:52	MDL.....: 3.1	
Selenium	**8.2 B**	**15**	**ug/L**	**SW846 6010B**	**07/24-07/25/07**	**J3C1J1AX**
		Dilution Factor: 1		Analysis Time..: 18:52	MDL.....: 4.9	
Thallium	ND	15	ug/L	SW846 6010B	07/24-07/25/07	J3C1J1A0
		Dilution Factor: 1		Analysis Time..: 18:52	MDL.....: 4.9	
Vanadium	**6.6 B**	**10**	**ug/L**	**SW846 6010B**	**07/24-07/25/07**	**J3C1J1A1**
		Dilution Factor: 1		Analysis Time..: 18:52	MDL.....: 2.5	
Zinc	**69 J**	**20**	**ug/L**	**SW846 6010B**	**07/24-07/26/07**	**J3C1J1A2**
		Dilution Factor: 1		Analysis Time..: 17:16	MDL.....: 4.5	

Prep Batch #...: 7209154

Mercury	**0.038 B,J**	**0.20**	**ug/L**	**SW846 7470A**	**08/02-08/03/07**	**J3C1J1AA**
		Dilution Factor: 1		Analysis Time..: 01:17	MDL.....: 0.027	

NOTE(S):

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: 0T32-TMW09

TOTAL Metals

Lot-Sample #...: D7G210163-018 **Matrix.....:** WG
Date Sampled...: 07/20/07 11:27 **Date Received..:** 07/21/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7204497						
Silver	ND	10	ug/L	SW846 6010B	07/24-07/25/07	J3C1L1AK
		Dilution Factor: 1		Analysis Time..: 18:57	MDL.....: 2.8	
Aluminum	**2100**	**100**	**ug/L**	**SW846 6010B**	**07/24-07/25/07**	**J3C1L1AL**
		Dilution Factor: 1		Analysis Time..: 18:57	MDL.....: 18	
Arsenic	ND	15	ug/L	SW846 6010B	07/24-07/25/07	J3C1L1AM
		Dilution Factor: 1		Analysis Time..: 18:57	MDL.....: 4.4	
Barium	**31**	**10**	**ug/L**	**SW846 6010B**	**07/24-07/25/07**	**J3C1L1AN**
		Dilution Factor: 1		Analysis Time..: 18:57	MDL.....: 1.0	
Beryllium	ND	5.0	ug/L	SW846 6010B	07/24-07/25/07	J3C1L1AP
		Dilution Factor: 1		Analysis Time..: 18:57	MDL.....: 0.47	
Calcium	**900000 J**	**200**	**ug/L**	**SW846 6010B**	**07/24-07/25/07**	**J3C1L1AQ**
		Dilution Factor: 1		Analysis Time..: 18:57	MDL.....: 34	
Cadmium	**1.1 B**	**5.0**	**ug/L**	**SW846 6010B**	**07/24-07/25/07**	**J3C1L1AR**
		Dilution Factor: 1		Analysis Time..: 18:57	MDL.....: 0.45	
Cobalt	**6.1 B**	**10**	**ug/L**	**SW846 6010B**	**07/24-07/25/07**	**J3C1L1AT**
		Dilution Factor: 1		Analysis Time..: 18:57	MDL.....: 1.2	
Chromium	ND	10	ug/L	SW846 6010B	07/24-07/25/07	J3C1L1AU
		Dilution Factor: 1		Analysis Time..: 18:57	MDL.....: 2.6	
Copper	**170**	**15**	**ug/L**	**SW846 6010B**	**07/24-07/25/07**	**J3C1L1AV**
		Dilution Factor: 1		Analysis Time..: 18:57	MDL.....: 4.5	
Iron	**200 J**	**100**	**ug/L**	**SW846 6010B**	**07/24-07/25/07**	**J3C1L1AW**
		Dilution Factor: 1		Analysis Time..: 18:57	MDL.....: 22	
Potassium	**6800**	**3000**	**ug/L**	**SW846 6010B**	**07/24-07/25/07**	**J3C1L1AX**
		Dilution Factor: 1		Analysis Time..: 18:57	MDL.....: 240	
Magnesium	**760000**	**200**	**ug/L**	**SW846 6010B**	**07/24-07/25/07**	**J3C1L1A0**
		Dilution Factor: 1		Analysis Time..: 18:57	MDL.....: 43	

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Bhate Environmental Associates

Client Sample ID: 0T32-TMW09

TOTAL Metals

Lot-Sample #...: D7G210163-018 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	**590**	**10**	**ug/L**	**SW846 6010B**	**07/24-07/25/07**	**J3C1L1A1**
		Dilution Factor: 1		Analysis Time..: 18:57	MDL.....: 1.8	
Sodium	**2700000**	**1000**	**ug/L**	**SW846 6010B**	**07/24-07/25/07**	**J3C1L1A2**
		Dilution Factor: 1		Analysis Time..: 18:57	MDL.....: 92	
Nickel	**24 B**	**40**	**ug/L**	**SW846 6010B**	**07/24-07/25/07**	**J3C1L1A3**
		Dilution Factor: 1		Analysis Time..: 18:57	MDL.....: 7.8	
Lead	ND	9.0	ug/L	SW846 6010B	07/24-07/25/07	J3C1L1A4
		Dilution Factor: 1		Analysis Time..: 18:57	MDL.....: 2.6	
Antimony	ND	10	ug/L	SW846 6010B	07/24-07/25/07	J3C1L1A5
		Dilution Factor: 1		Analysis Time..: 18:57	MDL.....: 3.1	
Selenium	ND	15	ug/L	SW846 6010B	07/24-07/25/07	J3C1L1A6
		Dilution Factor: 1		Analysis Time..: 18:57	MDL.....: 4.9	
Thallium	ND	15	ug/L	SW846 6010B	07/24-07/25/07	J3C1L1AA
		Dilution Factor: 1		Analysis Time..: 18:57	MDL.....: 4.9	
Vanadium	**19**	**10**	**ug/L**	**SW846 6010B**	**07/24-07/25/07**	**J3C1L1AC**
		Dilution Factor: 1		Analysis Time..: 18:57	MDL.....: 2.5	
Zinc	**35 J**	**20**	**ug/L**	**SW846 6010B**	**07/24-07/26/07**	**J3C1L1AD**
		Dilution Factor: 1		Analysis Time..: 17:21	MDL.....: 4.5	

Prep Batch #...: 7209154

Mercury	**0.040 B,J**	**0.20**	**ug/L**	**SW846 7470A**	**08/02-08/03/07**	**J3C1L1AJ**
		Dilution Factor: 1		Analysis Time..: 01:19	MDL.....: 0.027	

NOTE(S):

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: 0T32-SB06-15

TOTAL Metals

Lot-Sample #...: D7G210163-019 **Matrix.....:** SO
Date Sampled...: 07/20/07 10:00 **Date Received..:** 07/21/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7205124						
Silver	ND	1.3	mg/kg	SW846 6010B	07/24-07/25/07	J3C1P1AF
		Dilution Factor: 1		Analysis Time..: 16:27	MDL.....: 0.20	
Aluminum	**6300**	**13**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C1P1AG**
		Dilution Factor: 1		Analysis Time..: 16:27	MDL.....: 6.2	
Arsenic	**1.2 B**	**2.5**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C1P1AH**
		Dilution Factor: 1		Analysis Time..: 16:27	MDL.....: 0.84	
Barium	**53**	**1.3**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C1P1AJ**
		Dilution Factor: 1		Analysis Time..: 16:27	MDL.....: 0.30	
Beryllium	**0.30 B**	**0.63**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C1P1AK**
		Dilution Factor: 1		Analysis Time..: 16:27	MDL.....: 0.19	
Calcium	**170000 J**	**63**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C1P1AL**
		Dilution Factor: 1		Analysis Time..: 16:27	MDL.....: 18	
Cadmium	**0.057 B**	**0.63**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C1P1AM**
		Dilution Factor: 1		Analysis Time..: 16:27	MDL.....: 0.052	
Cobalt	**2.1**	**1.3**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C1P1AN**
		Dilution Factor: 1		Analysis Time..: 16:27	MDL.....: 0.13	
Chromium	**6.8**	**1.9**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C1P1AP**
		Dilution Factor: 1		Analysis Time..: 16:27	MDL.....: 0.51	
Copper	**5.8**	**2.5**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C1P1AQ**
		Dilution Factor: 1		Analysis Time..: 16:27	MDL.....: 0.71	
Iron	**6200**	**19**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C1P1AR**
		Dilution Factor: 1		Analysis Time..: 16:27	MDL.....: 4.8	
Potassium	**1600**	**380**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C1P1AT**
		Dilution Factor: 1		Analysis Time..: 16:27	MDL.....: 52	
Magnesium	**6700**	**25**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C1P1AU**
		Dilution Factor: 1		Analysis Time..: 16:27	MDL.....: 4.7	

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Bhate Environmental Associates

Client Sample ID: 0T32-SB06-15

TOTAL Metals

Lot-Sample #...: D7G210163-019 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	**99**	**1.3**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C1P1AV**
		Dilution Factor: 1		Analysis Time..: 16:27	MDL.....: 0.13	
Sodium	**1500**	**630**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C1P1AW**
		Dilution Factor: 1		Analysis Time..: 16:27	MDL.....: 75	
Nickel	**5.2**	**5.1**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C1P1AX**
		Dilution Factor: 1		Analysis Time..: 16:27	MDL.....: 0.30	
Lead	**3.3**	**1.0**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C1P1A0**
		Dilution Factor: 1		Analysis Time..: 16:27	MDL.....: 0.34	
Antimony	ND	1.9	mg/kg	SW846 6010B	07/24-07/25/07	J3C1P1A1
		Dilution Factor: 1		Analysis Time..: 16:27	MDL.....: 0.48	
Selenium	ND	1.6	mg/kg	SW846 6010B	07/24-07/25/07	J3C1P1A2
		Dilution Factor: 1		Analysis Time..: 16:27	MDL.....: 1.1	
Thallium	ND	1.5	mg/kg	SW846 6010B	07/24-07/25/07	J3C1P1A3
		Dilution Factor: 1		Analysis Time..: 16:27	MDL.....: 0.82	
Vanadium	**12**	**2.5**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C1P1A4**
		Dilution Factor: 1		Analysis Time..: 16:27	MDL.....: 0.78	
Zinc	**19**	**3.8**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C1P1A5**
		Dilution Factor: 1		Analysis Time..: 16:27	MDL.....: 1.3	

Prep Batch #...: 7207202

Mercury	ND	42	ug/kg	SW846 7471A	08/02-08/03/07	J3C1P1AD
		Dilution Factor: 1		Analysis Time..: 14:41	MDL.....: 3.5	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: 0T32-SB06-25

TOTAL Metals

Lot-Sample #...: D7G210163-020 **Matrix.....:** SO
Date Sampled...: 07/20/07 10:15 **Date Received..:** 07/21/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7205124						
Silver	ND	1.4	mg/kg	SW846 6010B	07/24-07/25/07	J3C131AR
		Dilution Factor: 1		Analysis Time..: 16:32	MDL.....: 0.22	
Aluminum	**2500**	**14**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C131AT**
		Dilution Factor: 1		Analysis Time..: 16:32	MDL.....: 6.7	
Arsenic	ND	2.7	mg/kg	SW846 6010B	07/24-07/25/07	J3C131AU
		Dilution Factor: 1		Analysis Time..: 16:32	MDL.....: 0.90	
Barium	**42**	**1.4**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C131AV**
		Dilution Factor: 1		Analysis Time..: 16:32	MDL.....: 0.33	
Beryllium	ND	0.68	mg/kg	SW846 6010B	07/24-07/25/07	J3C131AW
		Dilution Factor: 1		Analysis Time..: 16:32	MDL.....: 0.20	
Calcium	**200000 J**	**68**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C131AX**
		Dilution Factor: 1		Analysis Time..: 16:32	MDL.....: 19	
Cadmium	ND	0.68	mg/kg	SW846 6010B	07/24-07/25/07	J3C131A0
		Dilution Factor: 1		Analysis Time..: 16:32	MDL.....: 0.056	
Cobalt	**0.75 B**	**1.4**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C131A1**
		Dilution Factor: 1		Analysis Time..: 16:32	MDL.....: 0.14	
Chromium	**2.6**	**2.0**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C131A2**
		Dilution Factor: 1		Analysis Time..: 16:32	MDL.....: 0.54	
Copper	**1.6 B**	**2.7**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C131A3**
		Dilution Factor: 1		Analysis Time..: 16:32	MDL.....: 0.76	
Iron	**2300**	**20**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C131A4**
		Dilution Factor: 1		Analysis Time..: 16:32	MDL.....: 5.2	
Potassium	**660**	**410**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C131A5**
		Dilution Factor: 1		Analysis Time..: 16:32	MDL.....: 56	
Magnesium	**1400**	**27**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C131A6**
		Dilution Factor: 1		Analysis Time..: 16:32	MDL.....: 5.0	

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Bhate Environmental Associates

Client Sample ID: 0T32-SB06-25

TOTAL Metals

Lot-Sample #...: D7G210163-020 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	**24**	**1.4**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C131A7**
		Dilution Factor: 1		Analysis Time..: 16:32	MDL.....: 0.14	
Sodium	**680**	**680**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C131A8**
		Dilution Factor: 1		Analysis Time..: 16:32	MDL.....: 80	
Nickel	**1.8 B**	**5.4**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C131A9**
		Dilution Factor: 1		Analysis Time..: 16:32	MDL.....: 0.33	
Lead	**1.4**	**1.1**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C131AA**
		Dilution Factor: 1		Analysis Time..: 16:32	MDL.....: 0.37	
Antimony	ND	2.0	mg/kg	SW846 6010B	07/24-07/25/07	J3C131AC
		Dilution Factor: 1		Analysis Time..: 16:32	MDL.....: 0.52	
Selenium	ND	1.8	mg/kg	SW846 6010B	07/24-07/25/07	J3C131AD
		Dilution Factor: 1		Analysis Time..: 16:32	MDL.....: 1.2	
Thallium	ND	1.6	mg/kg	SW846 6010B	07/24-07/25/07	J3C131AE
		Dilution Factor: 1		Analysis Time..: 16:32	MDL.....: 0.88	
Vanadium	**4.9**	**2.7**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C131AF**
		Dilution Factor: 1		Analysis Time..: 16:32	MDL.....: 0.84	
Zinc	**6.1**	**4.1**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C131AG**
		Dilution Factor: 1		Analysis Time..: 16:32	MDL.....: 1.4	

Prep Batch #...: 7207202

Mercury	ND	45	ug/kg	SW846 7471A	08/02-08/03/07	J3C131AP
		Dilution Factor: 1		Analysis Time..: 14:48	MDL.....: 3.8	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: 0T32-SB06-25A

TOTAL Metals

Lot-Sample #...: D7G210163-021 **Matrix.....:** SO
Date Sampled...: 07/20/07 10:15 **Date Received..:** 07/21/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7205124						
Silver	ND	1.3	mg/kg	SW846 6010B	07/24-07/25/07	J3C151A4
		Dilution Factor: 1		Analysis Time..: 16:37	MDL.....: 0.21	
Aluminum	**2200**	**13**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C151A5**
		Dilution Factor: 1		Analysis Time..: 16:37	MDL.....: 6.6	
Arsenic	ND	2.7	mg/kg	SW846 6010B	07/24-07/25/07	J3C151A6
		Dilution Factor: 1		Analysis Time..: 16:37	MDL.....: 0.88	
Barium	**33**	**1.3**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C151A7**
		Dilution Factor: 1		Analysis Time..: 16:37	MDL.....: 0.32	
Beryllium	ND	0.67	mg/kg	SW846 6010B	07/24-07/25/07	J3C151A8
		Dilution Factor: 1		Analysis Time..: 16:37	MDL.....: 0.20	
Calcium	**190000 J**	**67**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C151A9**
		Dilution Factor: 1		Analysis Time..: 16:37	MDL.....: 19	
Cadmium	ND	0.67	mg/kg	SW846 6010B	07/24-07/25/07	J3C151AA
		Dilution Factor: 1		Analysis Time..: 16:37	MDL.....: 0.055	
Cobalt	**0.63 B**	**1.3**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C151AC**
		Dilution Factor: 1		Analysis Time..: 16:37	MDL.....: 0.13	
Chromium	**2.4**	**2.0**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C151AD**
		Dilution Factor: 1		Analysis Time..: 16:37	MDL.....: 0.54	
Copper	**1.8 B**	**2.7**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C151AE**
		Dilution Factor: 1		Analysis Time..: 16:37	MDL.....: 0.75	
Iron	**2200**	**20**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C151AF**
		Dilution Factor: 1		Analysis Time..: 16:37	MDL.....: 5.1	
Potassium	**570**	**400**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C151AG**
		Dilution Factor: 1		Analysis Time..: 16:37	MDL.....: 55	
Magnesium	**1200**	**27**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C151AH**
		Dilution Factor: 1		Analysis Time..: 16:37	MDL.....: 5.0	

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Bhate Environmental Associates

Client Sample ID: 0T32-SB06-25A

TOTAL Metals

Lot-Sample #...: D7G210163-021 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	**26**	**1.3**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C151AJ**
		Dilution Factor: 1		Analysis Time..: 16:37	MDL.....: 0.13	
Sodium	**700**	**670**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C151AK**
		Dilution Factor: 1		Analysis Time..: 16:37	MDL.....: 79	
Nickel	**1.5 B**	**5.4**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C151AL**
		Dilution Factor: 1		Analysis Time..: 16:37	MDL.....: 0.32	
Lead	**1.4**	**1.1**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C151AM**
		Dilution Factor: 1		Analysis Time..: 16:37	MDL.....: 0.36	
Antimony	ND	2.0	mg/kg	SW846 6010B	07/24-07/25/07	J3C151AN
		Dilution Factor: 1		Analysis Time..: 16:37	MDL.....: 0.51	
Selenium	ND	1.7	mg/kg	SW846 6010B	07/24-07/25/07	J3C151AP
		Dilution Factor: 1		Analysis Time..: 16:37	MDL.....: 1.2	
Thallium	ND	1.6	mg/kg	SW846 6010B	07/24-07/25/07	J3C151AQ
		Dilution Factor: 1		Analysis Time..: 16:37	MDL.....: 0.87	
Vanadium	**4.4**	**2.7**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C151AR**
		Dilution Factor: 1		Analysis Time..: 16:37	MDL.....: 0.83	
Zinc	**5.7**	**4.0**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C151AT**
		Dilution Factor: 1		Analysis Time..: 16:37	MDL.....: 1.3	

Prep Batch #...: 7207202

Mercury	ND	44	ug/kg	SW846 7471A	08/02-08/03/07	J3C151A2
		Dilution Factor: 1		Analysis Time..: 14:50	MDL.....: 3.7	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: 0T32-SB05-15

TOTAL Metals

Lot-Sample #...: D7G210163-022 **Matrix.....:** SO
Date Sampled...: 07/20/07 11:45 **Date Received..:** 07/21/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7205124						
Silver	ND	1.2	mg/kg	SW846 6010B	07/24-07/25/07	J3C181AF
		Dilution Factor: 1		Analysis Time..: 16:42	MDL.....: 0.19	
Aluminum	**11000**	**12**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C181AG**
		Dilution Factor: 1		Analysis Time..: 16:42	MDL.....: 5.9	
Arsenic	**1.5 B**	**2.4**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C181AH**
		Dilution Factor: 1		Analysis Time..: 16:42	MDL.....: 0.79	
Barium	**75**	**1.2**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C181AJ**
		Dilution Factor: 1		Analysis Time..: 16:42	MDL.....: 0.29	
Beryllium	**0.57 B**	**0.60**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C181AK**
		Dilution Factor: 1		Analysis Time..: 16:42	MDL.....: 0.18	
Calcium	**200000 J**	**60**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C181AL**
		Dilution Factor: 1		Analysis Time..: 16:42	MDL.....: 17	
Cadmium	**0.10 B**	**0.60**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C181AM**
		Dilution Factor: 1		Analysis Time..: 16:42	MDL.....: 0.049	
Cobalt	**3.1**	**1.2**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C181AN**
		Dilution Factor: 1		Analysis Time..: 16:42	MDL.....: 0.12	
Chromium	**12**	**1.8**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C181AP**
		Dilution Factor: 1		Analysis Time..: 16:42	MDL.....: 0.48	
Copper	**5.6**	**2.4**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C181AQ**
		Dilution Factor: 1		Analysis Time..: 16:42	MDL.....: 0.67	
Iron	**9600**	**18**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C181AR**
		Dilution Factor: 1		Analysis Time..: 16:42	MDL.....: 4.6	
Potassium	**2600**	**360**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C181AT**
		Dilution Factor: 1		Analysis Time..: 16:42	MDL.....: 49	
Magnesium	**4700**	**24**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C181AU**
		Dilution Factor: 1		Analysis Time..: 16:42	MDL.....: 4.4	

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Bhate Environmental Associates

Client Sample ID: 0T32-SB05-15

TOTAL Metals

Lot-Sample #...: D7G210163-022 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	**120**	**1.2**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C181AV**
		Dilution Factor: 1		Analysis Time..: 16:42	MDL.....: 0.12	
Sodium	**300 B**	**600**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C181AW**
		Dilution Factor: 1		Analysis Time..: 16:42	MDL.....: 71	
Nickel	**8.7**	**4.8**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C181AX**
		Dilution Factor: 1		Analysis Time..: 16:42	MDL.....: 0.29	
Lead	**5.4**	**0.96**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C181A0**
		Dilution Factor: 1		Analysis Time..: 16:42	MDL.....: 0.32	
Antimony	ND	1.8	mg/kg	SW846 6010B	07/24-07/25/07	J3C181A1
		Dilution Factor: 1		Analysis Time..: 16:42	MDL.....: 0.46	
Selenium	ND	1.6	mg/kg	SW846 6010B	07/24-07/25/07	J3C181A2
		Dilution Factor: 1		Analysis Time..: 16:42	MDL.....: 1.0	
Thallium	ND	1.4	mg/kg	SW846 6010B	07/24-07/25/07	J3C181A3
		Dilution Factor: 1		Analysis Time..: 16:42	MDL.....: 0.78	
Vanadium	**22**	**2.4**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C181A4**
		Dilution Factor: 1		Analysis Time..: 16:42	MDL.....: 0.74	
Zinc	**25**	**3.6**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3C181A5**
		Dilution Factor: 1		Analysis Time..: 16:42	MDL.....: 1.2	

Prep Batch #...: 7207202

Mercury	ND	40	ug/kg	SW846 7471A	08/02-08/03/07	J3C181AD
		Dilution Factor: 1		Analysis Time..: 14:53	MDL.....: 3.4	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: 0T32-SB05-25

TOTAL Metals

Lot-Sample #...: D7G210163-023 **Matrix.....:** SO
Date Sampled...: 07/20/07 12:00 **Date Received..:** 07/21/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7207202						
Mercury	ND	42	ug/kg	SW846 7471A	08/02-08/03/07	J3C191AP
		Dilution Factor: 1		Analysis Time..: 14:55	MDL.....: 3.6	
Prep Batch #...: 7208403						
Silver	ND	1.3	mg/kg	SW846 6010B	07/31/07	J3C191AR
		Dilution Factor: 1		Analysis Time..: 21:30	MDL.....: 0.20	
Aluminum	**6400**	**13**	**mg/kg**	**SW846 6010B**	**07/31/07**	**J3C191AT**
		Dilution Factor: 1		Analysis Time..: 21:30	MDL.....: 6.2	
Arsenic	**1.1 B**	**2.5**	**mg/kg**	**SW846 6010B**	**07/31/07**	**J3C191AU**
		Dilution Factor: 1		Analysis Time..: 21:30	MDL.....: 0.84	
Barium	**87**	**1.3**	**mg/kg**	**SW846 6010B**	**07/31/07**	**J3C191AV**
		Dilution Factor: 1		Analysis Time..: 21:30	MDL.....: 0.31	
Beryllium	**0.27 B**	**0.64**	**mg/kg**	**SW846 6010B**	**07/31/07**	**J3C191AW**
		Dilution Factor: 1		Analysis Time..: 21:30	MDL.....: 0.19	
Calcium	**110000**	**64**	**mg/kg**	**SW846 6010B**	**07/31/07**	**J3C191AX**
		Dilution Factor: 1		Analysis Time..: 21:30	MDL.....: 18	
Cadmium	ND	0.64	mg/kg	SW846 6010B	07/31/07	J3C191A0
		Dilution Factor: 1		Analysis Time..: 21:30	MDL.....: 0.052	
Cobalt	**1.5**	**1.3**	**mg/kg**	**SW846 6010B**	**07/31/07**	**J3C191A1**
		Dilution Factor: 1		Analysis Time..: 21:30	MDL.....: 0.13	
Chromium	**6.8**	**1.9**	**mg/kg**	**SW846 6010B**	**07/31/07**	**J3C191A2**
		Dilution Factor: 1		Analysis Time..: 21:30	MDL.....: 0.51	
Copper	**3.2**	**2.5**	**mg/kg**	**SW846 6010B**	**07/31/07**	**J3C191A3**
		Dilution Factor: 1		Analysis Time..: 21:30	MDL.....: 0.71	
Iron	**5000**	**19**	**mg/kg**	**SW846 6010B**	**07/31/07**	**J3C191A4**
		Dilution Factor: 1		Analysis Time..: 21:30	MDL.....: 4.8	
Potassium	**1500**	**380**	**mg/kg**	**SW846 6010B**	**07/31/07**	**J3C191A5**
		Dilution Factor: 1		Analysis Time..: 21:30	MDL.....: 52	

(Continued on next page)

Bhate Environmental Associates

Client Sample ID: 0T32-SB05-25

TOTAL Metals

Lot-Sample #...: D7G210163-023 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	**2500**	**25**	**mg/kg**	**SW846 6010B**	**07/31/07**	**J3C191A6**
		Dilution Factor: 1		Analysis Time..: 21:30	MDL.....: 4.7	
Manganese	**38**	**1.3**	**mg/kg**	**SW846 6010B**	**07/31/07**	**J3C191A7**
		Dilution Factor: 1		Analysis Time..: 21:30	MDL.....: 0.13	
Sodium	**190 B**	**640**	**mg/kg**	**SW846 6010B**	**07/31/07**	**J3C191A8**
		Dilution Factor: 1		Analysis Time..: 21:30	MDL.....: 75	
Nickel	**3.8 B**	**5.1**	**mg/kg**	**SW846 6010B**	**07/31/07**	**J3C191A9**
		Dilution Factor: 1		Analysis Time..: 21:30	MDL.....: 0.31	
Lead	**2.5**	**1.0**	**mg/kg**	**SW846 6010B**	**07/31/07**	**J3C191AA**
		Dilution Factor: 1		Analysis Time..: 21:30	MDL.....: 0.34	
Antimony	ND	1.9	mg/kg	SW846 6010B	07/31/07	J3C191AC
		Dilution Factor: 1		Analysis Time..: 21:30	MDL.....: 0.48	
Selenium	ND	1.7	mg/kg	SW846 6010B	07/31/07	J3C191AD
		Dilution Factor: 1		Analysis Time..: 21:30	MDL.....: 1.1	
Thallium	ND	1.5	mg/kg	SW846 6010B	07/31/07	J3C191AE
		Dilution Factor: 1		Analysis Time..: 21:30	MDL.....: 0.83	
Vanadium	**12**	**2.5**	**mg/kg**	**SW846 6010B**	**07/31/07**	**J3C191AF**
		Dilution Factor: 1		Analysis Time..: 21:30	MDL.....: 0.79	
Zinc	**16**	**3.8**	**mg/kg**	**SW846 6010B**	**07/31/07**	**J3C191AG**
		Dilution Factor: 1		Analysis Time..: 21:30	MDL.....: 1.3	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: 0T32-SB04-15

General Chemistry

Lot-Sample #...: D7G210163-001 **Work Order #...:** J3CXR **Matrix.....:** SO
Date Sampled...: 07/20/07 14:00 **Date Received..:** 07/21/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**18**	**0.10**	**%**	**MCAWW 160.3 MOD**	**07/25/07**	**7204395**

Dilution Factor: 1 Analysis Time..: 09:30 MDL.....: 0.0

Bhate Environmental Associates

Client Sample ID: 0T32-SB04-25

General Chemistry

Lot-Sample #...: D7G210163-002 **Work Order #...:** J3C0J **Matrix.....:** SO
Date Sampled...: 07/20/07 14:15 **Date Received..:** 07/21/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**22**	**0.10**	**%**	**MCAWW 160.3 MOD**	**07/25/07**	**7204395**
		Dilution Factor: 1		Analysis Time..: 09:30	MDL.....	0.0

Bhate Environmental Associates

Client Sample ID: 0T32-SB04-25A

General Chemistry

Lot-Sample #...: D7G210163-003 **Work Order #...:** J3C0L **Matrix.....:** SO
Date Sampled...: 07/20/07 14:15 **Date Received..:** 07/21/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**21**	**0.10**	**%**	**MCAWW 160.3 MOD**	**07/25/07**	**7204395**
		Dilution Factor: 1		Analysis Time..: 09:30	MDL.....	0.0

Bhate Environmental Associates

Client Sample ID: 0T32-SB08-20

General Chemistry

Lot-Sample #...: D7G210163-004 **Work Order #...:** J3C0M **Matrix.....:** SO
Date Sampled...: 07/19/07 13:15 **Date Received..:** 07/21/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**17**	**0.10**	**%**	**MCAWW 160.3 MOD**	**07/25/07**	**7204395**
		Dilution Factor: 1		Analysis Time..: 09:30	MDL.....: 0.0	

Bhate Environmental Associates

Client Sample ID: 0T32-SB08-30

General Chemistry

Lot-Sample #...: D7G210163-005 **Work Order #...:** J3C0N **Matrix.....:** SO
Date Sampled...: 07/19/07 13:30 **Date Received..:** 07/21/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**22**	**0.10**	**%**	**MCAWW 160.3 MOD**	**07/25/07**	**7204395**
		Dilution Factor: 1		Analysis Time..: 09:30	MDL.....	0.0

Bhate Environmental Associates

Client Sample ID: 0T32-SB08-30A

General Chemistry

Lot-Sample #...: D7G210163-006 **Work Order #...:** J3C0Q **Matrix.....:** SO
Date Sampled...: 07/19/07 13:30 **Date Received..:** 07/21/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**30**	**0.10**	**%**	**MCAWW 160.3 MOD**	**07/25/07**	**7204395**
		Dilution Factor: 1		Analysis Time..: 09:30	MDL.....: 0.0	

Bhate Environmental Associates

Client Sample ID: 0T32-SB07-10

General Chemistry

Lot-Sample #...: D7G210163-007 **Work Order #...:** J3C0R **Matrix.....:** SO
Date Sampled...: 07/19/07 15:15 **Date Received..:** 07/21/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**14**	**0.10**	**%**	**MCAWW 160.3 MOD**	**07/25/07**	**7204395**
		Dilution Factor: 1		Analysis Time..: 09:30	MDL.....: 0.0	

Bhate Environmental Associates

Client Sample ID: 0T32-SB07-25

General Chemistry

Lot-Sample #...: D7G210163-008 **Work Order #...:** J3C0T **Matrix.....:** SO
Date Sampled...: 07/19/07 15:30 **Date Received..:** 07/21/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**27**	**0.10**	**%**	**MCAWW 160.3 MOD**	**07/25/07**	**7204395**
		Dilution Factor: 1		Analysis Time..: 09:30	MDL.....: 0.0	

Bhate Environmental Associates

Client Sample ID: 0T32-SB08-20-D

General Chemistry

Lot-Sample #...: D7G210163-011 **Work Order #...:** J3C01 **Matrix.....:** WG
Date Sampled...: 07/19/07 13:05 **Date Received..:** 07/21/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids	**22 J**	**10**	**mg/L**	**MCAWW 160.1**	**07/25/07**	**7206637**

Dilution Factor: 1 Analysis Time..: 12:45 MDL.....: 4.7

NOTE(S):

RL Reporting Limit

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: 0T32-TMW12

General Chemistry

Lot-Sample #...: D7G210163-012 **Work Order #...:** J3C05 **Matrix.....:** WG
Date Sampled...: 07/19/07 15:37 **Date Received..:** 07/21/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids	**12000 J,Q**	**50**	**mg/L**	**MCAWW 160.1**	**07/25/07**	**7206637**

Dilution Factor: 5 Analysis Time..: 12:45 MDL.....: 24

NOTE(S):

RL Reporting Limit

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

Bhate Environmental Associates

Client Sample ID: 0T32-TMW11

General Chemistry

Lot-Sample #...: D7G210163-013 **Work Order #...:** J3C07 **Matrix.....:** WG
Date Sampled...: 07/20/07 09:22 **Date Received..:** 07/21/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids	**11000 J,Q**	**50**	**mg/L**	**MCAWW 160.1**	**07/25/07**	**7206637**

Dilution Factor: 5 Analysis Time..: 12:45 MDL.....: 24

NOTE(S):

RL Reporting Limit

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

Bhate Environmental Associates

Client Sample ID: 0T37-MW09

General Chemistry

Lot-Sample #...: D7G210163-014 **Work Order #...:** J3C09 **Matrix.....:** WG
Date Sampled...: 07/19/07 16:35 **Date Received..:** 07/21/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids	**5200 J,Q**	**20**	**mg/L**	**MCAWW 160.1**	**07/25/07**	**7206637**

Dilution Factor: 2 Analysis Time..: 12:45 MDL.....: 9.4

NOTE(S):

RL Reporting Limit

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

Bhate Environmental Associates

Client Sample ID: 0T37-MW10

General Chemistry

Lot-Sample #...: D7G210163-015 **Work Order #...:** J3C1G **Matrix.....:** WG
Date Sampled...: 07/20/07 08:30 **Date Received..:** 07/21/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids	**16000 J,Q**	**50**	**mg/L**	**MCAWW 160.1**	**07/25/07**	**7206637**

Dilution Factor: 5 Analysis Time..: 12:45 MDL.....: 24

NOTE(S):

RL Reporting Limit

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

Bhate Environmental Associates

Client Sample ID: 0T32-TMW10

General Chemistry

Lot-Sample #...: D7G210163-017 **Work Order #...:** J3C1J **Matrix.....:** WG
Date Sampled...: 07/20/07 11:00 **Date Received..:** 07/21/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids	**14000 Q**	**100**	**mg/L**	**MCAWW 160.1**	**07/27/07**	**7218221**

Dilution Factor: 10 Analysis Time..: 12:20 MDL.....: 47

NOTE(S):

RL Reporting Limit

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

J Result is greater than sample detection limit but less than stated reporting limit.

Bhate Environmental Associates

Client Sample ID: 0T32-TMW09

General Chemistry

Lot-Sample #...: D7G210163-018 **Work Order #...:** J3C1L **Matrix.....:** WG
Date Sampled...: 07/20/07 11:27 **Date Received..:** 07/21/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids	**13000 Q**	**100**	**mg/L**	**MCAWW 160.1**	**07/27/07**	**7218221**

Dilution Factor: 10 Analysis Time..: 12:20 MDL.....: 47

NOTE(S):

RL Reporting Limit

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

J Result is greater than sample detection limit but less than stated reporting limit.

Bhate Environmental Associates

Client Sample ID: 0T32-SB06-15

General Chemistry

Lot-Sample #...: D7G210163-019 **Work Order #...:** J3C1P **Matrix.....:** SO
Date Sampled...: 07/20/07 10:00 **Date Received..:** 07/21/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**21**	**0.10**	**%**	**MCAWW 160.3 MOD**	**07/25/07**	**7204395**
		Dilution Factor: 1		Analysis Time..: 09:30	MDL.....	0.0

Bhate Environmental Associates

Client Sample ID: 0T32-SB06-25

General Chemistry

Lot-Sample #...: D7G210163-020 **Work Order #...:** J3C13 **Matrix.....:** SO
Date Sampled...: 07/20/07 10:15 **Date Received..:** 07/21/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**26**	**0.10**	**%**	**MCAWW 160.3 MOD**	**07/25/07**	**7204395**
		Dilution Factor: 1		Analysis Time..: 09:30	MDL.....: 0.0	

Bhate Environmental Associates

Client Sample ID: 0T32-SB06-25A

General Chemistry

Lot-Sample #...: D7G210163-021 **Work Order #...:** J3C15 **Matrix.....:** SO
Date Sampled...: 07/20/07 10:15 **Date Received..:** 07/21/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**25**	**0.10**	**%**	**MCAWW 160.3 MOD**	**07/25/07**	**7204395**
		Dilution Factor: 1		Analysis Time..: 09:30	MDL.....	0.0

Bhate Environmental Associates

Client Sample ID: 0T32-SB05-15

General Chemistry

Lot-Sample #...: D7G210163-022 **Work Order #...:** J3C18 **Matrix.....:** SO
Date Sampled...: 07/20/07 11:45 **Date Received..:** 07/21/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**16**	**0.10**	**%**	**MCAWW 160.3 MOD**	**07/25/07**	**7204395**
		Dilution Factor: 1		Analysis Time..: 09:30	MDL.....	0.0

Bhate Environmental Associates

Client Sample ID: 0T32-SB05-25

General Chemistry

Lot-Sample #...: D7G210163-023 **Work Order #...:** J3C19 **Matrix.....:** SO
Date Sampled...: 07/20/07 12:00 **Date Received..:** 07/21/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**21**	**0.10**	**%**	**MCAWW 160.3 MOD**	**07/25/07**	**7204395**
		Dilution Factor: 1		Analysis Time..: 09:30	MDL.....: 0.0	

Bhate Environmental Associates

Client Sample ID: 0T32-SB04-15

Severn Trent Laboratories - Radiochemistry

Lab Sample ID:	D7G210163-001	Date Collected:	07/20/07 1400
Work Order:	J3CXR	Date Received:	07/21/07 1045
Matrix:	SO		

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	RL	MDC	Prep Date	Analysis Date
TRITIUM (Distill) by EPA 906.0 MOD			**pCi/g**			**Batch # 7211295**	**Yld %**
Tritium	0.26	U	0.33	1.00	0.54	07/30/07	08/02/07

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.

Bold results are greater than the MDC

U Result is less than the sample detection limit.

Bhate Environmental Associates

Client Sample ID: 0T32-SB04-25

Severn Trent Laboratories - Radiochemistry

Lab Sample ID:	D7G210163-002	Date Collected:	07/20/07 1415
Work Order:	J3C0J	Date Received:	07/21/07 1045
Matrix:	SO		

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	RL	MDC	Prep Date	Analysis Date
TRITIUM (Distill) by EPA 906.0 MOD			**pCi/g**			**Batch # 7211295**	**Yld %**
Tritium	0.03	U	0.32	1.00	0.55	07/30/07	08/02/07

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.

Bold results are greater than the MDC

U Result is less than the sample detection limit.

Bhate Environmental Associates

Client Sample ID: 0T32-SB04-25A

Severn Trent Laboratories - Radiochemistry

Lab Sample ID: D7G210163-003
Work Order: J3C0L
Matrix: SO

Date Collected: 07/20/07 1415
Date Received: 07/21/07 1045

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	RL	MDC	Prep Date	Analysis Date
TRITIUM (Distill) by EPA 906.0 MOD			**pCi/g**		**Batch # 7211295**		**Yld %**
Tritium	-0.10	U	0.31	1.00	0.55	07/30/07	08/02/07

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.

Bold results are greater than the MDC

U Result is less than the sample detection limit.

Bhate Environmental Associates

Client Sample ID: 0T32-SB08-20

Severn Trent Laboratories - Radiochemistry

Lab Sample ID: D7G210163-004
Work Order: J3C0M
Matrix: SO

Date Collected: 07/19/07 1315
Date Received: 07/21/07 1045

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	RL	MDC	Prep Date	Analysis Date
TRITIUM (Distill) by EPA 906.0 MOD			**pCi/g**			**Batch # 7211295**	**Yld %**
Tritium	0.07	U	0.28	1.00	0.53	07/30/07	08/02/07

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.
Bold results are greater than the MDC
U Result is less than the sample detection limit.

Bhate Environmental Associates

Client Sample ID: 0T32-SB08-30

Severn Trent Laboratories - Radiochemistry

Lab Sample ID: D7G210163-005
Work Order: J3C0N
Matrix: SO

Date Collected: 07/19/07 1330
Date Received: 07/21/07 1045

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	RL	MDC	Prep Date	Analysis Date
TRITIUM (Distill) by EPA 906.0 MOD			**pCi/g**			**Batch # 7211295**	**Yld %**
Tritium	0.22	U	0.32	1.00	0.55	07/30/07	08/02/07

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.

Bold results are greater than the MDC

U Result is less than the sample detection limit.

Bhate Environmental Associates

Client Sample ID: 0T32-SB08-30A

Severn Trent Laboratories - Radiochemistry

Lab Sample ID: D7G210163-006
Work Order: J3C0Q
Matrix: SO

Date Collected: 07/19/07 1330
Date Received: 07/21/07 1045

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	RL	MDC	Prep Date	Analysis Date
TRITIUM (Distill) by EPA 906.0 MOD			**pCi/g**			**Batch # 7211295**	**Yld %**
Tritium	-0.07	U	0.40	1.00	0.57	07/30/07	08/02/07

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.

Bold results are greater than the MDC

U Result is less than the sample detection limit.

Bhate Environmental Associates

Client Sample ID: 0T32-SB07-10

Severn Trent Laboratories - Radiochemistry

Lab Sample ID: D7G210163-007
Work Order: J3C0R
Matrix: SO

Date Collected: 07/19/07 1515
Date Received: 07/21/07 1045

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	RL	MDC	Prep Date	Analysis Date
TRITIUM (Distill) by EPA 906.0 MOD			**pCi/g**		**Batch # 7211295**		**Yld %**
Tritium	0.08	U	0.29	1.00	0.52	07/30/07	08/02/07

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.

Bold results are greater than the MDC

U Result is less than the sample detection limit.

Bhate Environmental Associates

Client Sample ID: 0T32-SB07-25

Severn Trent Laboratories - Radiochemistry

Lab Sample ID: D7G210163-008
Work Order: J3C0T
Matrix: SO

Date Collected: 07/19/07 1530
Date Received: 07/21/07 1045

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	RL	MDC	Prep Date	Analysis Date
TRITIUM (Distill) by EPA 906.0 MOD			**pCi/g**		**Batch # 7211295**		**Yld %**
Tritium	0.03	U	0.24	1.00	0.56	07/30/07	08/02/07

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.

Bold results are greater than the MDC

J Result is less than the sample detection limit.

Bhate Environmental Associates

Client Sample ID: 0T32-SB08-20-D

Severn Trent Laboratories - Radiochemistry

Lab Sample ID: D7G210163-011
Work Order: J3C01
Matrix: WG

Date Collected: 07/19/07 1305
Date Received: 07/21/07 1045

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	RL	MDC	Prep Date	Analysis Date
TRITIUM (Distill) by EPA 906.0 MOD			**pCi/L**			**Batch # 7213255**	**Yld %**
Tritium	-740	U	260	500	480	08/01/07	08/02/07

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.

Bold results are greater than the MDC

U Result is less than the sample detection limit.

Bhate Environmental Associates

Client Sample ID: 0T32-TMW12

Severn Trent Laboratories - Radiochemistry

Lab Sample ID: D7G210163-012
Work Order: J3C05
Matrix: WG

Date Collected: 07/19/07 1537
Date Received: 07/21/07 1045

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	RL	MDC	Prep Date	Analysis Date
TRITIUM (Distill) by EPA 906.0 MOD			**pCi/L**		**Batch # 7213255**		**Yld %**
Tritium	-850	U	260	500	480	08/01/07	08/02/07

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.

Bold results are greater than the MDC

U Result is less than the sample detection limit.

Bhate Environmental Associates

Client Sample ID: 0T32-TMW11

Severn Trent Laboratories - Radiochemistry

Lab Sample ID: D7G210163-013
Work Order: J3C07
Matrix: WG

Date Collected: 07/20/07 0922
Date Received: 07/21/07 1045

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	RL	MDC	Prep Date	Analysis Date
TRITIUM (Distill) by EPA 906.0 MOD			**pCi/L**			**Batch # 7213255**	**Yld %**
Tritium	-650	U	260	500	480	08/01/07	08/02/07

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.

Bold results are greater than the MDC

U Result is less than the sample detection limit.

Bhate Environmental Associates

Client Sample ID: 0T32-TMW10

Severn Trent Laboratories - Radiochemistry

Lab Sample ID: D7G210163-017
Work Order: J3C1J
Matrix: WG

Date Collected: 07/20/07 1100
Date Received: 07/21/07 1045

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	RL	MDC	Prep Date	Analysis Date
TRITIUM (Distill) by EPA 906.0 MOD			**pCi/L**			**Batch # 7213255**	**Yld %**
Tritium	-700	U	260	500	480	08/01/07	08/02/07

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.

Bold results are greater than the MDC

U Result is less than the sample detection limit.

Bhate Environmental Associates

Client Sample ID: 0T32-TMW09

Severn Trent Laboratories - Radiochemistry

Lab Sample ID: D7G210163-018
Work Order: J3C1L
Matrix: WG

Date Collected: 07/20/07 1127
Date Received: 07/21/07 1045

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	RL	MDC	Prep Date	Analysis Date
TRITIUM (Distill) by EPA 906.0 MOD			**pCi/L**			**Batch # 7213255**	**Yld %**
Tritium	-860	U	260	500	470	08/01/07	08/02/07

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.

Bold results are greater than the MDC

U Result is less than the sample detection limit.

Bhate Environmental Associates

Client Sample ID: 0T32-SB06-15

Severn Trent Laboratories - Radiochemistry

Lab Sample ID: D7G210163-019
Work Order: J3C1P
Matrix: SO

Date Collected: 07/20/07 1000
Date Received: 07/21/07 1045

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	RL	MDC	Prep Date	Analysis Date
TRITIUM (Distill) by EPA 906.0 MOD			**pCi/g**			**Batch # 7211295**	**Yld %**
Tritium	0.12	U	0.29	1.00	0.54	07/30/07	08/02/07

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.

Bold results are greater than the MDC

U Result is less than the sample detection limit.

Bhate Environmental Associates

Client Sample ID: 0T32-SB06-25

Severn Trent Laboratories - Radiochemistry

Lab Sample ID: D7G210163-020
Work Order: J3C13
Matrix: SO

Date Collected: 07/20/07 1015
Date Received: 07/21/07 1045

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	RL	MDC	Prep Date	Analysis Date
TRITIUM (Distill) by EPA 906.0 MOD			**pCi/g**			**Batch # 7211295**	**Yld %**
Tritium	-0.02	U	0.69	1.00	0.56	07/30/07	08/02/07

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.

Bold results are greater than the MDC

U Result is less than the sample detection limit.

Bhate Environmental Associates

Client Sample ID: 0T32-SB06-25A

Severn Trent Laboratories - Radiochemistry

Lab Sample ID: D7G210163-021
Work Order: J3C15
Matrix: SO

Date Collected: 07/20/07 1015
Date Received: 07/21/07 1045

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	RL	MDC	Prep Date	Analysis Date
TRITIUM (Distill) by EPA 906.0 MOD			**pCi/g**			**Batch # 7211295**	**Yld %**
Tritium	-0.18	U	0.32	1.00	0.56	07/30/07	08/02/07

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.

Bold results are greater than the MDC

U Result is less than the sample detection limit.

Bhate Environmental Associates

Client Sample ID: 0T32-SB05-15

Severn Trent Laboratories - Radiochemistry

Lab Sample ID: D7G210163-022
Work Order: J3C18
Matrix: SO

Date Collected: 07/20/07 1145
Date Received: 07/21/07 1045

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	RL	MDC	Prep Date	Analysis Date
TRITIUM (Distill) by EPA 906.0 MOD			**pCi/g**			**Batch # 7211295**	**Yld %**
Tritium	0.20	U	0.30	1.00	0.52	07/30/07	08/02/07

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.
Bold results are greater than the MDC
U Result is less than the sample detection limit.

Bhate Environmental Associates

Client Sample ID: 0T32-SB05-25

Severn Trent Laboratories - Radiochemistry

Lab Sample ID: D7G210163-023
Work Order: J3C19
Matrix: SO

Date Collected: 07/20/07 1200
Date Received: 07/21/07 1045

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	RL	MDC	Prep Date	Analysis Date
TRITIUM (Distill) by EPA 906.0 MOD			**pCi/g**			**Batch # 7211295**	**Yld %**
Tritium	0.09	U	0.32	1.00	0.55	07/30/07	08/02/07

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.

Bold results are greater than the MDC

U Result is less than the sample detection limit.

QC DATA ASSOCIATION SUMMARY

D7G210163

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	SO	SW846 8015B		7204330	7204165
	SO	SW846 8015B		7214343	7214225
	SO	SW846 7471A		7207202	7207098
	SO	SW846 8260B		7209112	7209056
	SO	SW846 8270C		7205085	7205050
	SO	SW846 6010B		7205124	7205080
	SO	MCAWW 160.3 MOD		7204395	7204211
	SO	EPA 906.0 MOD		7211295	7211180
002	SO	SW846 8015B		7204330	7204165
	SO	SW846 8015B		7214343	7214225
	SO	SW846 7471A		7207202	7207098
	SO	SW846 8260B		7209112	7209056
	SO	SW846 8270C		7205085	7205050
	SO	SW846 6010B		7205124	7205080
	SO	MCAWW 160.3 MOD		7204395	7204211
	SO	EPA 906.0 MOD		7211295	7211180
003	SO	SW846 8015B		7204330	7204165
	SO	SW846 8015B		7214343	7214225
	SO	SW846 7471A		7207202	7207098
	SO	SW846 8260B		7209112	7209056
	SO	SW846 8270C		7211664	7212269
	SO	SW846 6010B		7205124	7205080
	SO	MCAWW 160.3 MOD		7204395	7204211
	SO	EPA 906.0 MOD		7211295	7211180
004	SO	SW846 8015B		7204330	7204165
	SO	SW846 8015B		7214343	7214225
	SO	SW846 7471A		7207202	7207098
	SO	SW846 8260B		7209112	7209056
	SO	SW846 8270C		7205085	7205050
	SO	SW846 6010B		7205124	7205080
	SO	MCAWW 160.3 MOD		7204395	7204211
	SO	EPA 906.0 MOD		7211295	7211180
005	SO	SW846 8015B		7204330	7204165
	SO	SW846 8015B		7214343	7214225
	SO	SW846 7471A		7207202	7207098
	SO	SW846 8260B		7209112	7209056
	SO	SW846 8270C		7211664	7212269
	SO	SW846 6010B		7205124	7205080
	SO	MCAWW 160.3 MOD		7204395	7204211

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QC DATA ASSOCIATION SUMMARY

D7G210163

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
005	SO	EPA 906.0 MOD		7211295	7211180
006	SO	SW846 8015B		7204330	7204165
	SO	SW846 8015B		7214343	7214225
	SO	SW846 7471A		7207202	7207098
	SO	SW846 8260B		7209112	7209056
	SO	SW846 8270C		7211664	7212269
	SO	SW846 6010B		7205124	7205080
	SO	MCAWW 160.3 MOD		7204395	7204211
	SO	EPA 906.0 MOD		7211295	7211180
007	SO	SW846 8015B		7204330	7204165
	SO	SW846 8015B		7214343	7214225
	SO	SW846 7471A		7207202	7207098
	SO	SW846 8260B		7209112	7209056
	SO	SW846 8270C		7205085	7205050
	SO	SW846 6010B		7205124	7205080
	SO	MCAWW 160.3 MOD		7204395	7204211
	SO	EPA 906.0 MOD		7211295	7211180
008	SO	SW846 8015B		7204330	7204165
	SO	SW846 8015B		7214343	7214225
	SO	SW846 7471A		7207202	7207098
	SO	SW846 8260B		7209112	7209056
	SO	SW846 8270C		7211664	7212269
	SO	SW846 6010B		7205124	7205080
	SO	MCAWW 160.3 MOD		7204395	7204211
	SO	EPA 906.0 MOD		7211295	7211180
009	WQ	SW846 8260B		7211594	7211298
010	WQ	SW846 8260B		7211594	7211298
011	WG	MCAWW 160.1		7206637	7215265
	WG	SW846 7470A		7209154	7212097
	WG	SW846 8260B		7211594	7211298
	WG	SW846 8270C		7204177	7204079
	WG	SW846 6010B		7204497	7204255
	WG	EPA 906.0 MOD		7213255	7213169
012	WG	MCAWW 160.1		7206637	7215265
	WG	SW846 7470A		7209154	7212097
	WG	SW846 8260B		7211594	7211298

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QC DATA ASSOCIATION SUMMARY

D7G210163

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
012	WG	SW846 8270C		7204177	7204079
	WG	SW846 6010B		7204497	7204255
	WG	EPA 906.0 MOD		7213255	7213169
013	WG	MCAWW 160.1		7206637	7215265
	WG	SW846 7470A		7209154	7212097
	WG	SW846 8260B		7211594	7211298
	WG	SW846 8270C		7204177	7204079
	WG	SW846 6010B		7204497	7204255
	WG	EPA 906.0 MOD		7213255	7213169
014	WG	MCAWW 160.1		7206637	7215265
	WG	SW846 7470A		7209154	7212097
	WG	SW846 8082		7204477	7204246
	WG	SW846 8260B		7211594	7211298
	WG	SW846 8270C		7204177	7204079
	WG	SW846 6010B		7204497	7204255
	WG	SW846 6860		7213214	7213147
015	WG	MCAWW 160.1		7206637	7215265
	WG	SW846 7470A		7209154	7212097
	WG	SW846 8082		7204477	7204246
	WG	SW846 8260B		7211594	7211298
	WG	SW846 8270C		7204177	7204079
	WG	SW846 6010B		7204497	7204255
	WG	SW846 6860		7213214	7213147
016	WQ	SW846 8260B		7211594	7211298
017	WG	MCAWW 160.1		7218221	7218123
	WG	SW846 7470A		7209154	7212097
	WG	SW846 8260B		7211594	7211298
	WG	SW846 8270C		7204177	7204079
	WG	SW846 6010B		7204497	7204255
	WG	EPA 906.0 MOD		7213255	7213169
018	WG	MCAWW 160.1		7218221	7218123
	WG	SW846 7470A		7209154	7212097
	WG	SW846 8260B		7211594	7211298
	WG	SW846 8270C		7204177	7204079
	WG	SW846 6010B		7204497	7204255
	WG	EPA 906.0 MOD		7213255	7213169

(Continued on next page)

QC DATA ASSOCIATION SUMMARY

D7G210163

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
019	SO	SW846 8015B		7204330	7204165
	SO	SW846 8015B		7214542	7214334
	SO	SW846 7471A		7207202	7207098
	SO	SW846 8260B		7209112	7209056
	SO	SW846 8270C		7205085	7205050
	SO	SW846 6010B		7205124	7205080
	SO	MCAWW 160.3 MOD		7204395	7204211
	SO	EPA 906.0 MOD		7211295	7211180
020	SO	SW846 8015B		7204330	7204165
	SO	SW846 8015B		7214542	7214334
	SO	SW846 7471A		7207202	7207098
	SO	SW846 8260B		7209112	7209056
	SO	SW846 8270C		7205085	7205050
	SO	SW846 6010B		7205124	7205080
	SO	MCAWW 160.3 MOD		7204395	7204211
	SO	EPA 906.0 MOD		7211295	7211180
021	SO	SW846 8015B		7204330	7204165
	SO	SW846 8015B		7214542	7214334
	SO	SW846 7471A		7207202	7207098
	SO	SW846 8260B		7209112	7209056
	SO	SW846 8270C		7205085	7205050
	SO	SW846 6010B		7205124	7205080
	SO	MCAWW 160.3 MOD		7204395	7204211
	SO	EPA 906.0 MOD		7211295	7211180
022	SO	SW846 8015B		7204330	7204165
	SO	SW846 8015B		7214542	7214334
	SO	SW846 7471A		7207202	7207098
	SO	SW846 8260B		7209112	7209056
	SO	SW846 8270C		7205085	7205050
	SO	SW846 6010B		7205124	7205080
	SO	MCAWW 160.3 MOD		7204395	7204211
	SO	EPA 906.0 MOD		7211295	7211180
023	SO	SW846 8015B		7204330	7204165
	SO	SW846 8015B		7214542	7214334
	SO	SW846 7471A		7207202	7207098
	SO	SW846 8260B		7209112	7209056
	SO	SW846 8270C		7205085	7205050
	SO	SW846 6010B		7208403	7211193
	SO	MCAWW 160.3 MOD		7204395	7204211

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QC DATA ASSOCIATION SUMMARY

D7G210163

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
023	SO	EPA 906.0 MOD		7211295	7211180
024	WQ	SW846 8260B		7211594	7211298
025	WQ	SW846 8260B		7211594	7211298
026	WQ	SW846 8260B		7211594	7211298

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: D7G210163 **Work Order #...:** J3RP51AA **Matrix.....:** SOLID
MB Lot-Sample #: D7G280000-112

Prep Date.....: 07/21/07 **Analysis Time..:** 12:12
Analysis Date..: 07/27/07 **Prep Batch #...:** 7209112
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	20	ug/kg	SW846 8260B
Benzene	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Bromomethane	ND	10	ug/kg	SW846 8260B
2-Butanone (MEK)	ND	20	ug/kg	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Chloroethane	ND	10	ug/kg	SW846 8260B
Chloroform	ND	10	ug/kg	SW846 8260B
Chloromethane	ND	10	ug/kg	SW846 8260B
Dibromomethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromoethane (EDB)	ND	5.0	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dichlorodifluoromethane	ND	10	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethene (total)	ND	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	2.5	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	2.5	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
2-Hexanone	ND	20	ug/kg	SW846 8260B
Methylene chloride	ND	5.0	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	20	ug/kg	SW846 8260B
Styrene	ND	5.0	ug/kg	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	**0.58 J**	**5.0**	**ug/kg**	**SW846 8260B**

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: D7G210163 **Work Order #...:** J3RP51AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Trichlorofluoromethane	ND	10	ug/kg	SW846 8260B
1,2,3-Trichloropropane	ND	5.0	ug/kg	SW846 8260B
Vinyl chloride	ND	5.0	ug/kg	SW846 8260B
Xylenes (total)	ND	5.0	ug/kg	SW846 8260B
n-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
sec-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
n-Propylbenzene	ND	5.0	ug/kg	SW846 8260B
tert-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B
2-Chlorotoluene	ND	5.0	ug/kg	SW846 8260B
4-Chlorotoluene	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	ND	10	ug/kg	SW846 8260B
1,3-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
2,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
Hexachlorobutadiene	ND	5.0	ug/kg	SW846 8260B
4-Isopropyltoluene	ND	5.0	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	20	ug/kg	SW846 8260B
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	SW846 8260B
m-Xylene & p-Xylene	ND	2.5	ug/kg	SW846 8260B
o-Xylene	ND	2.5	ug/kg	SW846 8260B
Bromobenzene	ND	5.0	ug/kg	SW846 8260B
Bromochloromethane	ND	5.0	ug/kg	SW846 8260B
Naphthalene	ND	5.0	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	102	(75 - 121)
1,2-Dichloroethane-d4	107	(58 - 140)
4-Bromofluorobenzene	97	(76 - 127)
Toluene-d8	86	(80 - 126)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: D7G210163 **Work Order #...:** J3V5E1AA **Matrix.....:** WATER
MB Lot-Sample #: D7G300000-594

Prep Date.....: 07/28/07 **Analysis Time..:** 16:14
Analysis Date..: 07/28/07 **Prep Batch #...:** 7211594
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	10	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	2.0	ug/L	SW846 8260B
2-Butanone (MEK)	ND	6.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	2.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	2.0	ug/L	SW846 8260B
Dibromomethane	ND	1.0	ug/L	SW846 8260B
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	2.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethene (total)	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	5.0	ug/L	SW846 8260B
Methylene chloride	ND	5.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	5.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
1,2,4-Trichloro-benzene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: D7G210163 **Work Order #...:** J3V5E1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Trichlorofluoromethane	ND	2.0	ug/L	SW846 8260B
1,2,3-Trichloropropane	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	2.0	ug/L	SW846 8260B
n-Butylbenzene	ND	1.0	ug/L	SW846 8260B
sec-Butylbenzene	ND	1.0	ug/L	SW846 8260B
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
1,3,5-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
n-Propylbenzene	ND	1.0	ug/L	SW846 8260B
tert-Butylbenzene	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
2-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
4-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	SW846 8260B
1,3-Dichloropropane	ND	1.0	ug/L	SW846 8260B
2,2-Dichloropropane	ND	5.0	ug/L	SW846 8260B
1,1-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Hexachlorobutadiene	ND	1.0	ug/L	SW846 8260B
4-Isopropyltoluene	ND	1.0	ug/L	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/L	SW846 8260B
1,2,3-Trichlorobenzene	ND	1.0	ug/L	SW846 8260B
m-Xylene & p-Xylene	ND	2.0	ug/L	SW846 8260B
o-Xylene	ND	1.0	ug/L	SW846 8260B
Bromobenzene	ND	1.0	ug/L	SW846 8260B
Bromochloromethane	ND	1.0	ug/L	SW846 8260B
Naphthalene	ND	1.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	112	(77 - 119)
1,2-Dichloroethane-d4	105	(70 - 127)
4-Bromofluorobenzene	108	(78 - 118)
Toluene-d8	101	(83 - 125)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

ND: The analyte was analyzed for, but not detected.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7G210163 **Work Order #...:** J3RP51AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7G280000-112
Prep Date.....: 07/21/07 **Analysis Date..:** 07/27/07
Prep Batch #...: 7209112 **Analysis Time..:** 09:05
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Acetone	83	(45 - 184)	SW846 8260B
Benzene	94	(76 - 116)	SW846 8260B
Bromodichloromethane	98	(74 - 125)	SW846 8260B
Bromoform	87	(75 - 115)	SW846 8260B
Bromomethane	86	(40 - 149)	SW846 8260B
2-Butanone (MEK)	94	(58 - 150)	SW846 8260B
Carbon tetrachloride	101	(69 - 147)	SW846 8260B
Chlorobenzene	88	(74 - 114)	SW846 8260B
Chloroethane	89	(51 - 155)	SW846 8260B
Chloroform	98	(77 - 125)	SW846 8260B
Chloromethane	95	(47 - 148)	SW846 8260B
Dibromomethane	92	(77 - 117)	SW846 8260B
1,2-Dibromoethane (EDB)	89	(75 - 115)	SW846 8260B
1,2-Dichlorobenzene	89	(72 - 112)	SW846 8260B
1,3-Dichlorobenzene	87	(74 - 114)	SW846 8260B
1,4-Dichlorobenzene	88	(73 - 113)	SW846 8260B
Dichlorodifluoromethane	106	(42 - 178)	SW846 8260B
1,1-Dichloroethane	97	(74 - 114)	SW846 8260B
1,2-Dichloroethane	98	(62 - 142)	SW846 8260B
1,1-Dichloroethene	88	(77 - 143)	SW846 8260B
1,2-Dichloroethene (total)	94	(80 - 120)	SW846 8260B
cis-1,2-Dichloroethene	93	(75 - 115)	SW846 8260B
trans-1,2-Dichloroethene	95	(82 - 127)	SW846 8260B
1,2-Dichloropropane	93	(74 - 114)	SW846 8260B
cis-1,3-Dichloropropene	91	(77 - 117)	SW846 8260B
trans-1,3-Dichloropropene	92	(71 - 120)	SW846 8260B
Ethylbenzene	90	(78 - 118)	SW846 8260B
2-Hexanone	93	(58 - 136)	SW846 8260B
Methylene chloride	93	(76 - 116)	SW846 8260B
4-Methyl-2-pentanone	90	(62 - 130)	SW846 8260B
Styrene	87	(77 - 117)	SW846 8260B
1,1,1,2-Tetrachloroethane	91	(76 - 116)	SW846 8260B
1,1,2,2-Tetrachloroethane	87	(68 - 119)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7G210163 **Work Order #...:** J3RP51AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7G280000-112

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Tetrachloroethene	89	(71 - 111)	SW846 8260B
Toluene	95	(72 - 113)	SW846 8260B
1,2,4-Trichloro-benzene	87	(73 - 116)	SW846 8260B
1,1,1-Trichloroethane	99	(67 - 143)	SW846 8260B
1,1,2-Trichloroethane	90	(69 - 109)	SW846 8260B
Trichloroethene	93	(78 - 118)	SW846 8260B
Trichlorofluoromethane	94	(50 - 155)	SW846 8260B
1,2,3-Trichloropropane	100	(72 - 122)	SW846 8260B
Vinyl chloride	97	(45 - 148)	SW846 8260B
Xylenes (total)	88	(77 - 117)	SW846 8260B
n-Butylbenzene	96	(66 - 130)	SW846 8260B
sec-Butylbenzene	93	(79 - 128)	SW846 8260B
Isopropylbenzene	103	(71 - 111)	SW846 8260B
1,2,4-Trimethylbenzene	94	(78 - 126)	SW846 8260B
1,3,5-Trimethylbenzene	95	(77 - 125)	SW846 8260B
n-Propylbenzene	95	(79 - 120)	SW846 8260B
tert-Butylbenzene	93	(77 - 124)	SW846 8260B
Carbon disulfide	90	(49 - 121)	SW846 8260B
Dibromochloromethane	90	(74 - 114)	SW846 8260B
2-Chlorotoluene	91	(80 - 120)	SW846 8260B
4-Chlorotoluene	93	(77 - 117)	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	94	(60 - 120)	SW846 8260B
1,3-Dichloropropane	88	(72 - 112)	SW846 8260B
2,2-Dichloropropane	101	(64 - 144)	SW846 8260B
1,1-Dichloropropene	97	(76 - 123)	SW846 8260B
Hexachlorobutadiene	90	(69 - 125)	SW846 8260B
4-Isopropyltoluene	100	(73 - 118)	SW846 8260B
Methyl tert-butyl ether	95	(69 - 129)	SW846 8260B
1,2,3-Trichlorobenzene	90	(69 - 113)	SW846 8260B
m-Xylene & p-Xylene	89	(77 - 117)	SW846 8260B
o-Xylene	87	(77 - 117)	SW846 8260B
Bromobenzene	89	(74 - 114)	SW846 8260B
Bromochloromethane	94	(77 - 117)	SW846 8260B
Naphthalene	90	(65 - 113)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7G210163 **Work Order #...:** J3RP51AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7G280000-112

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	95	(75 - 121)
1,2-Dichloroethane-d4	96	(58 - 140)
4-Bromofluorobenzene	95	(76 - 127)
Toluene-d8	92	(80 - 126)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7G210163 **Work Order #...:** J3RP51AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7G280000-112
Prep Date.....: 07/21/07 **Analysis Date..:** 07/27/07
Prep Batch #...: 7209112 **Analysis Time..:** 09:05
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Acetone	100	82.9	ug/kg	83	SW846 8260B
Benzene	50.0	46.8	ug/kg	94	SW846 8260B
Bromodichloromethane	50.0	48.9	ug/kg	98	SW846 8260B
Bromoform	50.0	43.7	ug/kg	87	SW846 8260B
Bromomethane	50.0	42.8	ug/kg	86	SW846 8260B
2-Butanone (MEK)	100	93.8	ug/kg	94	SW846 8260B
Carbon tetrachloride	50.0	50.6	ug/kg	101	SW846 8260B
Chlorobenzene	50.0	44.0	ug/kg	88	SW846 8260B
Chloroethane	50.0	44.6	ug/kg	89	SW846 8260B
Chloroform	50.0	48.8	ug/kg	98	SW846 8260B
Chloromethane	50.0	47.6	ug/kg	95	SW846 8260B
Dibromomethane	50.0	46.2	ug/kg	92	SW846 8260B
1,2-Dibromoethane (EDB)	50.0	44.7	ug/kg	89	SW846 8260B
1,2-Dichlorobenzene	50.0	44.4	ug/kg	89	SW846 8260B
1,3-Dichlorobenzene	50.0	43.7	ug/kg	87	SW846 8260B
1,4-Dichlorobenzene	50.0	44.2	ug/kg	88	SW846 8260B
Dichlorodifluoromethane	50.0	53.1	ug/kg	106	SW846 8260B
1,1-Dichloroethane	50.0	48.4	ug/kg	97	SW846 8260B
1,2-Dichloroethane	50.0	49.1	ug/kg	98	SW846 8260B
1,1-Dichloroethene	50.0	43.8	ug/kg	88	SW846 8260B
1,2-Dichloroethene (total)	100	94.0	ug/kg	94	SW846 8260B
cis-1,2-Dichloroethene	50.0	46.6	ug/kg	93	SW846 8260B
trans-1,2-Dichloroethene	50.0	47.3	ug/kg	95	SW846 8260B
1,2-Dichloropropane	50.0	46.3	ug/kg	93	SW846 8260B
cis-1,3-Dichloropropene	50.0	45.4	ug/kg	91	SW846 8260B
trans-1,3-Dichloropropene	50.0	45.8	ug/kg	92	SW846 8260B
Ethylbenzene	50.0	45.0	ug/kg	90	SW846 8260B
2-Hexanone	100	93.2	ug/kg	93	SW846 8260B
Methylene chloride	50.0	46.7	ug/kg	93	SW846 8260B
4-Methyl-2-pentanone	100	90.4	ug/kg	90	SW846 8260B
Styrene	50.0	43.7	ug/kg	87	SW846 8260B
1,1,1,2-Tetrachloroethane	50.0	45.5	ug/kg	91	SW846 8260B
1,1,2,2-Tetrachloroethane	50.0	43.6	ug/kg	87	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7G210163 Work Order #...: J3RP51AC Matrix.....: SOLID
LCS Lot-Sample#: D7G280000-112

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Tetrachloroethene	50.0	44.4	ug/kg	89	SW846 8260B
Toluene	50.0	47.6	ug/kg	95	SW846 8260B
1,2,4-Trichloro-benzene	50.0	43.7	ug/kg	87	SW846 8260B
1,1,1-Trichloroethane	50.0	49.5	ug/kg	99	SW846 8260B
1,1,2-Trichloroethane	50.0	44.8	ug/kg	90	SW846 8260B
Trichloroethene	50.0	46.7	ug/kg	93	SW846 8260B
Trichlorofluoromethane	50.0	47.0	ug/kg	94	SW846 8260B
1,2,3-Trichloropropane	50.0	50.1	ug/kg	100	SW846 8260B
Vinyl chloride	50.0	48.4	ug/kg	97	SW846 8260B
Xylenes (total)	150	132	ug/kg	88	SW846 8260B
n-Butylbenzene	50.0	48.1	ug/kg	96	SW846 8260B
sec-Butylbenzene	50.0	46.4	ug/kg	93	SW846 8260B
Isopropylbenzene	50.0	51.6	ug/kg	103	SW846 8260B
1,2,4-Trimethylbenzene	50.0	46.8	ug/kg	94	SW846 8260B
1,3,5-Trimethylbenzene	50.0	47.4	ug/kg	95	SW846 8260B
n-Propylbenzene	50.0	47.6	ug/kg	95	SW846 8260B
tert-Butylbenzene	50.0	46.6	ug/kg	93	SW846 8260B
Carbon disulfide	50.0	44.8	ug/kg	90	SW846 8260B
Dibromochloromethane	50.0	45.2	ug/kg	90	SW846 8260B
2-Chlorotoluene	50.0	45.6	ug/kg	91	SW846 8260B
4-Chlorotoluene	50.0	46.7	ug/kg	93	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	50.0	47.0	ug/kg	94	SW846 8260B
1,3-Dichloropropane	50.0	44.1	ug/kg	88	SW846 8260B
2,2-Dichloropropane	50.0	50.6	ug/kg	101	SW846 8260B
1,1-Dichloropropene	50.0	48.6	ug/kg	97	SW846 8260B
Hexachlorobutadiene	50.0	45.2	ug/kg	90	SW846 8260B
4-Isopropyltoluene	50.0	50.0	ug/kg	100	SW846 8260B
Methyl tert-butyl ether	100	95.3	ug/kg	95	SW846 8260B
1,2,3-Trichlorobenzene	50.0	45.0	ug/kg	90	SW846 8260B
m-Xylene & p-Xylene	100	88.5	ug/kg	89	SW846 8260B
o-Xylene	50.0	43.5	ug/kg	87	SW846 8260B
Bromobenzene	50.0	44.7	ug/kg	89	SW846 8260B
Bromochloromethane	50.0	47.1	ug/kg	94	SW846 8260B
Naphthalene	50.0	45.1	ug/kg	90	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7G210163 **Work Order #...:** J3RP51AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7G280000-112

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	95	(75 - 121)
1,2-Dichloroethane-d4	96	(58 - 140)
4-Bromofluorobenzene	95	(76 - 127)
Toluene-d8	92	(80 - 126)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7G210163 **Work Order #...:** J3V5E1AC **Matrix.....:** WATER
LCS Lot-Sample#: D7G300000-594
Prep Date.....: 07/28/07 **Analysis Date..:** 07/28/07
Prep Batch #...: 7211594 **Analysis Time..:** 15:24
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Acetone	109	(48 - 130)	SW846 8260B
Benzene	90	(77 - 118)	SW846 8260B
Bromodichloromethane	95	(78 - 118)	SW846 8260B
Bromoform	88	(74 - 121)	SW846 8260B
Bromomethane	107	(42 - 154)	SW846 8260B
2-Butanone (MEK)	92	(57 - 120)	SW846 8260B
Carbon tetrachloride	110	(80 - 120)	SW846 8260B
Chlorobenzene	100	(78 - 118)	SW846 8260B
Chloroethane	101	(51 - 133)	SW846 8260B
Chloroform	96	(78 - 118)	SW846 8260B
Chloromethane	79	(46 - 142)	SW846 8260B
Dibromomethane	101	(77 - 117)	SW846 8260B
1,2-Dibromoethane (EDB)	100	(77 - 117)	SW846 8260B
1,2-Dichlorobenzene	95	(76 - 116)	SW846 8260B
1,3-Dichlorobenzene	92	(75 - 115)	SW846 8260B
1,4-Dichlorobenzene	92	(77 - 117)	SW846 8260B
Dichlorodifluoromethane	88	(56 - 140)	SW846 8260B
1,1-Dichloroethane	93	(77 - 117)	SW846 8260B
1,2-Dichloroethane	98	(74 - 120)	SW846 8260B
1,1-Dichloroethene	114	(68 - 133)	SW846 8260B
1,2-Dichloroethene (total)	103	(78 - 118)	SW846 8260B
cis-1,2-Dichloroethene	101	(75 - 115)	SW846 8260B
trans-1,2-Dichloroethene	104	(80 - 120)	SW846 8260B
1,2-Dichloropropane	88	(76 - 116)	SW846 8260B
cis-1,3-Dichloropropene	92	(76 - 116)	SW846 8260B
trans-1,3-Dichloropropene	88	(72 - 117)	SW846 8260B
Ethylbenzene	100	(78 - 118)	SW846 8260B
2-Hexanone	81	(57 - 121)	SW846 8260B
Methylene chloride	94	(71 - 119)	SW846 8260B
4-Methyl-2-pentanone	82	(65 - 118)	SW846 8260B
Styrene	98	(77 - 117)	SW846 8260B
1,1,1,2-Tetrachloroethane	90	(77 - 117)	SW846 8260B
1,1,2,2-Tetrachloroethane	98	(73 - 119)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7G210163 Work Order #...: J3V5E1AC Matrix.....: WATER
LCS Lot-Sample#: D7G300000-594

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Tetrachloroethene	98	(77 - 117)	SW846 8260B
Toluene	99	(73 - 120)	SW846 8260B
1,2,4-Trichloro-benzene	94	(73 - 121)	SW846 8260B
1,1,1-Trichloroethane	105	(78 - 118)	SW846 8260B
1,1,2-Trichloroethane	100	(76 - 116)	SW846 8260B
Trichloroethene	91	(78 - 122)	SW846 8260B
Trichlorofluoromethane	113	(63 - 135)	SW846 8260B
1,2,3-Trichloropropane	99	(72 - 120)	SW846 8260B
Vinyl chloride	82	(49 - 136)	SW846 8260B
Xylenes (total)	104	(77 - 117)	SW846 8260B
n-Butylbenzene	101	(76 - 117)	SW846 8260B
sec-Butylbenzene	99	(80 - 120)	SW846 8260B
Isopropylbenzene	96	(71 - 111)	SW846 8260B
1,2,4-Trimethylbenzene	104	(77 - 117)	SW846 8260B
1,3,5-Trimethylbenzene	103	(77 - 117)	SW846 8260B
n-Propylbenzene	95	(76 - 116)	SW846 8260B
tert-Butylbenzene	103	(76 - 116)	SW846 8260B
Carbon disulfide	81	(56 - 104)	SW846 8260B
Dibromochloromethane	88	(76 - 116)	SW846 8260B
2-Chlorotoluene	90	(76 - 116)	SW846 8260B
4-Chlorotoluene	94	(78 - 118)	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	75	(65 - 117)	SW846 8260B
1,3-Dichloropropane	93	(75 - 115)	SW846 8260B
2,2-Dichloropropane	95	(72 - 128)	SW846 8260B
1,1-Dichloropropene	96	(75 - 115)	SW846 8260B
Hexachlorobutadiene	90	(73 - 123)	SW846 8260B
4-Isopropyltoluene	100	(76 - 113)	SW846 8260B
Methyl tert-butyl ether	87	(58 - 116)	SW846 8260B
1,2,3-Trichlorobenzene	91	(66 - 123)	SW846 8260B
m-Xylene & p-Xylene	104	(78 - 118)	SW846 8260B
o-Xylene	104	(77 - 117)	SW846 8260B
Bromobenzene	91	(75 - 115)	SW846 8260B
Bromochloromethane	94	(78 - 118)	SW846 8260B
Naphthalene	76	(62 - 121)	SW846 8260B
Vinyl acetate	103	(63 - 124)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7G210163 **Work Order #...:** J3V5E1AC **Matrix.....:** WATER
LCS Lot-Sample#: D7G300000-594

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
2-Pentanone	**98**	**(42 - 115)**	**SW846 8260B**
2-Chloroethyl vinyl ether	**77**	**(17 - 150)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	112	(77 - 119)
1,2-Dichloroethane-d4	107	(70 - 127)
4-Bromofluorobenzene	105	(78 - 118)
Toluene-d8	101	(83 - 125)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7G210163 **Work Order #...:** J3V5E1AC **Matrix.....:** WATER
LCS Lot-Sample#: D7G300000-594
Prep Date.....: 07/28/07 **Analysis Date..:** 07/28/07
Prep Batch #...: 7211594 **Analysis Time..:** 15:24
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Acetone	10.0	10.9	ug/L	109	SW846 8260B
Benzene	5.00	4.49	ug/L	90	SW846 8260B
Bromodichloromethane	5.00	4.77	ug/L	95	SW846 8260B
Bromoform	5.00	4.39	ug/L	88	SW846 8260B
Bromomethane	5.00	5.35	ug/L	107	SW846 8260B
2-Butanone (MEK)	10.0	9.22	ug/L	92	SW846 8260B
Carbon tetrachloride	5.00	5.49	ug/L	110	SW846 8260B
Chlorobenzene	5.00	5.01	ug/L	100	SW846 8260B
Chloroethane	5.00	5.04	ug/L	101	SW846 8260B
Chloroform	5.00	4.79	ug/L	96	SW846 8260B
Chloromethane	5.00	3.96	ug/L	79	SW846 8260B
Dibromomethane	5.00	5.05	ug/L	101	SW846 8260B
1,2-Dibromoethane (EDB)	5.00	5.02	ug/L	100	SW846 8260B
1,2-Dichlorobenzene	5.00	4.77	ug/L	95	SW846 8260B
1,3-Dichlorobenzene	5.00	4.60	ug/L	92	SW846 8260B
1,4-Dichlorobenzene	5.00	4.62	ug/L	92	SW846 8260B
Dichlorodifluoromethane	5.00	4.42	ug/L	88	SW846 8260B
1,1-Dichloroethane	5.00	4.63	ug/L	93	SW846 8260B
1,2-Dichloroethane	5.00	4.90	ug/L	98	SW846 8260B
1,1-Dichloroethene	5.00	5.68	ug/L	114	SW846 8260B
1,2-Dichloroethene (total)	10.0	10.3	ug/L	103	SW846 8260B
cis-1,2-Dichloroethene	5.00	5.07	ug/L	101	SW846 8260B
trans-1,2-Dichloroethene	5.00	5.19	ug/L	104	SW846 8260B
1,2-Dichloropropane	5.00	4.39	ug/L	88	SW846 8260B
cis-1,3-Dichloropropene	5.00	4.61	ug/L	92	SW846 8260B
trans-1,3-Dichloropropene	5.00	4.41	ug/L	88	SW846 8260B
Ethylbenzene	5.00	4.99	ug/L	100	SW846 8260B
2-Hexanone	10.0	8.07	ug/L	81	SW846 8260B
Methylene chloride	5.00	4.71	ug/L	94	SW846 8260B
4-Methyl-2-pentanone	10.0	8.20	ug/L	82	SW846 8260B
Styrene	5.00	4.91	ug/L	98	SW846 8260B
1,1,1,2-Tetrachloroethane	5.00	4.50	ug/L	90	SW846 8260B
1,1,2,2-Tetrachloroethane	5.00	4.88	ug/L	98	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7G210163 Work Order #...: J3V5E1AC Matrix.....: WATER
LCS Lot-Sample#: D7G300000-594

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Tetrachloroethene	5.00	4.90	ug/L	98	SW846 8260B
Toluene	5.00	4.93	ug/L	99	SW846 8260B
1,2,4-Trichloro-benzene	5.00	4.71	ug/L	94	SW846 8260B
1,1,1-Trichloroethane	5.00	5.24	ug/L	105	SW846 8260B
1,1,2-Trichloroethane	5.00	5.00	ug/L	100	SW846 8260B
Trichloroethene	5.00	4.54	ug/L	91	SW846 8260B
Trichlorofluoromethane	5.00	5.66	ug/L	113	SW846 8260B
1,2,3-Trichloropropane	5.00	4.96	ug/L	99	SW846 8260B
Vinyl chloride	5.00	4.11	ug/L	82	SW846 8260B
Xylenes (total)	15.0	15.6	ug/L	104	SW846 8260B
n-Butylbenzene	5.00	5.05	ug/L	101	SW846 8260B
sec-Butylbenzene	5.00	4.97	ug/L	99	SW846 8260B
Isopropylbenzene	5.00	4.82	ug/L	96	SW846 8260B
1,2,4-Trimethylbenzene	5.00	5.22	ug/L	104	SW846 8260B
1,3,5-Trimethylbenzene	5.00	5.17	ug/L	103	SW846 8260B
n-Propylbenzene	5.00	4.76	ug/L	95	SW846 8260B
tert-Butylbenzene	5.00	5.13	ug/L	103	SW846 8260B
Carbon disulfide	5.00	4.07	ug/L	81	SW846 8260B
Dibromochloromethane	5.00	4.42	ug/L	88	SW846 8260B
2-Chlorotoluene	5.00	4.48	ug/L	90	SW846 8260B
4-Chlorotoluene	5.00	4.68	ug/L	94	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	5.00	3.76	ug/L	75	SW846 8260B
1,3-Dichloropropane	5.00	4.67	ug/L	93	SW846 8260B
2,2-Dichloropropane	5.00	4.74	ug/L	95	SW846 8260B
1,1-Dichloropropene	5.00	4.81	ug/L	96	SW846 8260B
Hexachlorobutadiene	5.00	4.50	ug/L	90	SW846 8260B
4-Isopropyltoluene	5.00	5.00	ug/L	100	SW846 8260B
Methyl tert-butyl ether	10.0	8.68	ug/L	87	SW846 8260B
1,2,3-Trichlorobenzene	5.00	4.55	ug/L	91	SW846 8260B
m-Xylene & p-Xylene	10.0	10.4	ug/L	104	SW846 8260B
o-Xylene	5.00	5.18	ug/L	104	SW846 8260B
Bromobenzene	5.00	4.53	ug/L	91	SW846 8260B
Bromochloromethane	5.00	4.68	ug/L	94	SW846 8260B
Naphthalene	5.00	3.80	ug/L	76	SW846 8260B
Vinyl acetate	5.00	5.16	ug/L	103	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7G210163 **Work Order #...:** J3V5E1AC **Matrix.....:** WATER
LCS Lot-Sample#: D7G300000-594

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
2-Pentanone	**10.0**	**9.83**	**ug/L**	**98**	**SW846 8260B**
2-Chloroethyl vinyl ether	**5.00**	**3.85**	**ug/L**	**77**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	112	(77 - 119)
1,2-Dichloroethane-d4	107	(70 - 127)
4-Bromofluorobenzene	105	(78 - 118)
Toluene-d8	101	(83 - 125)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7G210163 **Work Order #...:** J3C0T1DF-MS **Matrix.....:** SO
MS Lot-Sample #: D7G210163-008 J3C0T1DG-MSD
Date Sampled...: 07/19/07 15:30 **Date Received..:** 07/21/07
Prep Date.....: 07/21/07 **Analysis Date..:** 07/27/07
Prep Batch #...: 7209112 **Analysis Time..:** 15:44
Dilution Factor: 1.09

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acetone	79	(45 - 184)			SW846 8260B
	96	(45 - 184)	3.6	(0-28)	SW846 8260B
Benzene	73 a	(76 - 116)			SW846 8260B
	94	(76 - 116)	9.5	(0-20)	SW846 8260B
Bromodichloromethane	83	(74 - 125)			SW846 8260B
	105	(74 - 125)	7.7	(0-20)	SW846 8260B
Bromoform	87	(75 - 115)			SW846 8260B
	107	(75 - 115)	4.9	(0-20)	SW846 8260B
Bromomethane	68	(40 - 149)			SW846 8260B
	83	(40 - 149)	4.3	(0-22)	SW846 8260B
2-Butanone (MEK)	103	(58 - 150)			SW846 8260B
	126	(58 - 150)	4.2	(0-32)	SW846 8260B
Carbon tetrachloride	80	(69 - 147)			SW846 8260B
	103	(69 - 147)	10	(0-20)	SW846 8260B
Chlorobenzene	73 a	(74 - 114)			SW846 8260B
	92	(74 - 114)	7.4	(0-20)	SW846 8260B
Chloroethane	70	(51 - 155)			SW846 8260B
	87	(51 - 155)	6.1	(0-22)	SW846 8260B
Chloroform	78	(77 - 125)			SW846 8260B
	100	(77 - 125)	8.6	(0-20)	SW846 8260B
Chloromethane	74	(47 - 148)			SW846 8260B
	89	(47 - 148)	2.9	(0-25)	SW846 8260B
Dibromomethane	86	(77 - 117)			SW846 8260B
	107	(77 - 117)	5.5	(0-20)	SW846 8260B
1,2-Dibromoethane (EDB)	85	(75 - 115)			SW846 8260B
	105	(75 - 115)	5.6	(0-20)	SW846 8260B
1,2-Dichlorobenzene	75	(72 - 112)			SW846 8260B
	95	(72 - 112)	7.2	(0-20)	SW846 8260B
1,3-Dichlorobenzene	69 a	(74 - 114)			SW846 8260B
	89	(74 - 114)	9.2	(0-20)	SW846 8260B
1,4-Dichlorobenzene	73	(73 - 113)			SW846 8260B
	92	(73 - 113)	6.8	(0-22)	SW846 8260B
Dichlorodifluoromethane	75	(42 - 178)			SW846 8260B
	94	(42 - 178)	6.2	(0-28)	SW846 8260B
1,1-Dichloroethane	80	(74 - 114)			SW846 8260B
	97	(74 - 114)	3.7	(0-20)	SW846 8260B
1,2-Dichloroethane	99	(62 - 142)			SW846 8260B
	121	(62 - 142)	4.9	(0-20)	SW846 8260B
1,1-Dichloroethene	59 a	(77 - 143)			SW846 8260B
	76 a	(77 - 143)	10	(0-20)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7G210163 Work Order #...: J3C0T1DF-MS Matrix.....: SO
MS Lot-Sample #: D7G210163-008 J3C0T1DG-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
cis-1,2-Dichloroethene	74 a	(75 - 115)			SW846 8260B
	94	(75 - 115)	8.9	(0-20)	SW846 8260B
trans-1,2-Dichloroethene	70 a	(82 - 127)			SW846 8260B
	90	(82 - 127)	9.4	(0-20)	SW846 8260B
1,2-Dichloropropane	81	(74 - 114)			SW846 8260B
	102	(74 - 114)	7.0	(0-20)	SW846 8260B
cis-1,3-Dichloropropene	79	(77 - 117)			SW846 8260B
	98	(77 - 117)	6.1	(0-20)	SW846 8260B
trans-1,3-Dichloropropene	85	(71 - 120)			SW846 8260B
	105	(71 - 120)	6.3	(0-20)	SW846 8260B
Ethylbenzene	70 a	(78 - 118)			SW846 8260B
	90	(78 - 118)	9.4	(0-20)	SW846 8260B
2-Hexanone	102	(58 - 136)			SW846 8260B
	126	(58 - 136)	5.7	(0-29)	SW846 8260B
Methylene chloride	72 a	(76 - 116)			SW846 8260B
	92	(76 - 116)	8.9	(0-21)	SW846 8260B
4-Methyl-2-pentanone	96	(62 - 130)			SW846 8260B
	119	(62 - 130)	5.4	(0-25)	SW846 8260B
Styrene	73 a	(77 - 117)			SW846 8260B
	91	(77 - 117)	6.7	(0-20)	SW846 8260B
1,1,1,2-Tetrachloroethane	76	(76 - 116)			SW846 8260B
	96	(76 - 116)	7.0	(0-20)	SW846 8260B
1,1,2,2-Tetrachloroethane	83	(68 - 119)			SW846 8260B
	103	(68 - 119)	6.2	(0-21)	SW846 8260B
Tetrachloroethene	66 a	(71 - 111)			SW846 8260B
	85	(71 - 111)	10	(0-20)	SW846 8260B
Toluene	75	(72 - 113)			SW846 8260B
	96	(72 - 113)	9.3	(0-20)	SW846 8260B
1,2,4-Trichloro-benzene	82	(73 - 116)			SW846 8260B
	101	(73 - 116)	5.1	(0-26)	SW846 8260B
1,1,1-Trichloroethane	77	(67 - 143)			SW846 8260B
	98	(67 - 143)	9.1	(0-20)	SW846 8260B
1,1,2-Trichloroethane	86	(69 - 109)			SW846 8260B
	106	(69 - 109)	5.2	(0-20)	SW846 8260B
Trichloroethene	74 a	(78 - 118)			SW846 8260B
	94	(78 - 118)	8.4	(0-20)	SW846 8260B
Trichlorofluoromethane	62	(50 - 155)			SW846 8260B
	74	(50 - 155)	3.4	(0-33)	SW846 8260B
1,2,3-Trichloropropane	101	(72 - 122)			SW846 8260B
	125 a	(72 - 122)	5.7	(0-21)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7G210163 **Work Order #...:** J3C0T1DF-MS **Matrix.....:** SO
MS Lot-Sample #: D7G210163-008 J3C0T1DG-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Vinyl chloride	71	(45 - 148)			SW846 8260B
	85	(45 - 148)	2.8	(0-24)	SW846 8260B
Xylenes (total)	71 a	(77 - 117)			SW846 8260B
	90	(77 - 117)	8.5	(0-20)	SW846 8260B
n-Butylbenzene	73	(66 - 130)			SW846 8260B
	96	(66 - 130)	11	(0-21)	SW846 8260B
sec-Butylbenzene	73 a	(79 - 128)			SW846 8260B
	95	(79 - 128)	11	(0-22)	SW846 8260B
Isopropylbenzene	80	(71 - 111)			SW846 8260B
	104	(71 - 111)	11	(0-20)	SW846 8260B
1,2,4-Trimethylbenzene	75 a	(78 - 126)			SW846 8260B
	96	(78 - 126)	9.1	(0-20)	SW846 8260B
1,3,5-Trimethylbenzene	75 a	(77 - 125)			SW846 8260B
	97	(77 - 125)	9.6	(0-21)	SW846 8260B
n-Propylbenzene	75 a	(79 - 120)			SW846 8260B
	98	(79 - 120)	11	(0-22)	SW846 8260B
tert-Butylbenzene	75 a	(77 - 124)			SW846 8260B
	97	(77 - 124)	10	(0-22)	SW846 8260B
Carbon disulfide	61	(49 - 121)			SW846 8260B
	77	(49 - 121)	7.4	(0-24)	SW846 8260B
Dibromochloromethane	83	(74 - 114)			SW846 8260B
	103	(74 - 114)	6.6	(0-20)	SW846 8260B
2-Chlorotoluene	74 a	(80 - 120)			SW846 8260B
	95	(80 - 120)	9.8	(0-22)	SW846 8260B
4-Chlorotoluene	77	(77 - 117)			SW846 8260B
	97	(77 - 117)	7.6	(0-20)	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	102	(60 - 120)			SW846 8260B
	124 a	(60 - 120)	3.4	(0-28)	SW846 8260B
1,3-Dichloropropane	79	(72 - 112)			SW846 8260B
	98	(72 - 112)	6.4	(0-20)	SW846 8260B
2,2-Dichloropropane	74	(64 - 144)			SW846 8260B
	94	(64 - 144)	8.6	(0-20)	SW846 8260B
1,1-Dichloropropene	72 a	(76 - 123)			SW846 8260B
	93	(76 - 123)	10	(0-20)	SW846 8260B
Hexachlorobutadiene	73	(69 - 125)			SW846 8260B
	94	(69 - 125)	9.3	(0-25)	SW846 8260B
4-Isopropyltoluene	79	(73 - 118)			SW846 8260B
	101	(73 - 118)	9.6	(0-20)	SW846 8260B
Methyl tert-butyl ether	89	(69 - 129)			SW846 8260B
	111	(69 - 129)	5.7	(0-20)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7G210163 **Work Order #...:** J3C0T1DF-MS **Matrix.....:** SO
MS Lot-Sample #: D7G210163-008 J3C0T1DG-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2,3-Trichlorobenzene	**90**	**(69 - 113)**			**SW846 8260B**
	109	**(69 - 113)**	**3.5**	**(0-31)**	**SW846 8260B**
m-Xylene & p-Xylene	**70 a**	**(77 - 117)**			**SW846 8260B**
	90	**(77 - 117)**	**8.7**	**(0-20)**	**SW846 8260B**
o-Xylene	**71 a**	**(77 - 117)**			**SW846 8260B**
	91	**(77 - 117)**	**8.1**	**(0-20)**	**SW846 8260B**
Bromobenzene	**73 a**	**(74 - 114)**			**SW846 8260B**
	93	**(74 - 114)**	**8.8**	**(0-22)**	**SW846 8260B**
Bromochloromethane	**85**	**(77 - 117)**			**SW846 8260B**
	105	**(77 - 117)**	**5.2**	**(0-21)**	**SW846 8260B**
Naphthalene	**99**	**(65 - 113)**			**SW846 8260B**
	122 a	**(65 - 113)**	**4.9**	**(0-38)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	100	(75 - 121)
	110	(75 - 121)
1,2-Dichloroethane-d4	110	(58 - 140)
	122	(58 - 140)
4-Bromofluorobenzene	95	(76 - 127)
	107	(76 - 127)
Toluene-d8	90	(80 - 126)
	101	(80 - 126)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7G210163 **Work Order #...:** J3C0T1DF-MS **Matrix.....:** SO
MS Lot-Sample #: D7G210163-008 J3C0T1DG-MSD
Date Sampled...: 07/19/07 15:30 **Date Received..:** 07/21/07
Prep Date.....: 07/21/07 **Analysis Date..:** 07/27/07
Prep Batch #...: 7209112 **Analysis Time..:** 15:44
Dilution Factor: 1.09

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Acetone	ND	149	119	ug/kg	79		SW846 8260B
	ND	128	123	ug/kg	96	3.6	SW846 8260B
Benzene	ND	74.8	54.5	ug/kg	73 a		SW846 8260B
	ND	63.9	60.0	ug/kg	94	9.5	SW846 8260B
Bromodichloromethane	ND	74.8	62.0	ug/kg	83		SW846 8260B
	ND	63.9	67.0	ug/kg	105	7.7	SW846 8260B
Bromoform	ND	74.8	65.1	ug/kg	87		SW846 8260B
	ND	63.9	68.4	ug/kg	107	4.9	SW846 8260B
Bromomethane	ND	74.8	51.1	ug/kg	68		SW846 8260B
	ND	63.9	53.4	ug/kg	83	4.3	SW846 8260B
2-Butanone (MEK)	ND	149	154	ug/kg	103		SW846 8260B
	ND	128	160	ug/kg	126	4.2	SW846 8260B
Carbon tetrachloride	ND	74.8	59.5	ug/kg	80		SW846 8260B
	ND	63.9	66.0	ug/kg	103	10	SW846 8260B
Chlorobenzene	ND	74.8	54.5	ug/kg	73 a		SW846 8260B
	ND	63.9	58.7	ug/kg	92	7.4	SW846 8260B
Chloroethane	ND	74.8	52.1	ug/kg	70		SW846 8260B
	ND	63.9	55.4	ug/kg	87	6.1	SW846 8260B
Chloroform	ND	74.8	58.4	ug/kg	78		SW846 8260B
	ND	63.9	63.6	ug/kg	100	8.6	SW846 8260B
Chloromethane	ND	74.8	55.2	ug/kg	74		SW846 8260B
	ND	63.9	56.8	ug/kg	89	2.9	SW846 8260B
Dibromomethane	ND	74.8	64.6	ug/kg	86		SW846 8260B
	ND	63.9	68.3	ug/kg	107	5.5	SW846 8260B
1,2-Dibromoethane (EDB)	ND	74.8	63.7	ug/kg	85		SW846 8260B
	ND	63.9	67.3	ug/kg	105	5.6	SW846 8260B
1,2-Dichlorobenzene	ND	74.8	56.4	ug/kg	75		SW846 8260B
	ND	63.9	60.6	ug/kg	95	7.2	SW846 8260B
1,3-Dichlorobenzene	ND	74.8	51.6	ug/kg	69 a		SW846 8260B
	ND	63.9	56.6	ug/kg	89	9.2	SW846 8260B
1,4-Dichlorobenzene	ND	74.8	54.8	ug/kg	73		SW846 8260B
	ND	63.9	58.6	ug/kg	92	6.8	SW846 8260B
Dichlorodifluoromethane	ND	74.8	56.4	ug/kg	75		SW846 8260B
	ND	63.9	60.0	ug/kg	94	6.2	SW846 8260B
1,1-Dichloroethane	ND	74.8	59.8	ug/kg	80		SW846 8260B
	ND	63.9	62.0	ug/kg	97	3.7	SW846 8260B
1,2-Dichloroethane	ND	74.8	73.8	ug/kg	99		SW846 8260B
	ND	63.9	77.5	ug/kg	121	4.9	SW846 8260B
1,1-Dichloroethene	ND	74.8	43.9	ug/kg	59 a		SW846 8260B
	ND	63.9	48.7	ug/kg	76 a	10	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7G210163 **Work Order #...:** J3C0T1DF-MS **Matrix.....:** SO
MS Lot-Sample #: D7G210163-008 J3C0T1DG-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
cis-1,2-Dichloroethene	ND	74.8	55.2	ug/kg	74 a		SW846 8260B
	ND	63.9	60.4	ug/kg	94	8.9	SW846 8260B
trans-1,2-Dichloroethene	ND	74.8	52.2	ug/kg	70 a		SW846 8260B
	ND	63.9	57.4	ug/kg	90	9.4	SW846 8260B
1,2-Dichloropropane	ND	74.8	60.6	ug/kg	81		SW846 8260B
	ND	63.9	65.0	ug/kg	102	7.0	SW846 8260B
cis-1,3-Dichloropropene	ND	74.8	59.0	ug/kg	79		SW846 8260B
	ND	63.9	62.7	ug/kg	98	6.1	SW846 8260B
trans-1,3-Dichloropropene	ND	74.8	63.3	ug/kg	85		SW846 8260B
	ND	63.9	67.4	ug/kg	105	6.3	SW846 8260B
Ethylbenzene	ND	74.8	52.4	ug/kg	70 a		SW846 8260B
	ND	63.9	57.6	ug/kg	90	9.4	SW846 8260B
2-Hexanone	ND	149	152	ug/kg	102		SW846 8260B
	ND	128	161	ug/kg	126	5.7	SW846 8260B
Methylene chloride	ND	74.8	53.8	ug/kg	72 a		SW846 8260B
	ND	63.9	58.8	ug/kg	92	8.9	SW846 8260B
4-Methyl-2-pentanone	ND	149	143	ug/kg	96		SW846 8260B
	ND	128	151	ug/kg	119	5.4	SW846 8260B
Styrene	ND	74.8	54.4	ug/kg	73 a		SW846 8260B
	ND	63.9	58.2	ug/kg	91	6.7	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	74.8	57.0	ug/kg	76		SW846 8260B
	ND	63.9	61.1	ug/kg	96	7.0	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	74.8	62.0	ug/kg	83		SW846 8260B
	ND	63.9	66.0	ug/kg	103	6.2	SW846 8260B
Tetrachloroethene	ND	74.8	49.3	ug/kg	66 a		SW846 8260B
	ND	63.9	54.5	ug/kg	85	10	SW846 8260B
Toluene	ND	74.8	55.8	ug/kg	75		SW846 8260B
	ND	63.9	61.3	ug/kg	96	9.3	SW846 8260B
1,2,4-Trichloro-benzene	ND	74.8	61.6	ug/kg	82		SW846 8260B
	ND	63.9	64.8	ug/kg	101	5.1	SW846 8260B
1,1,1-Trichloroethane	ND	74.8	57.2	ug/kg	77		SW846 8260B
	ND	63.9	62.7	ug/kg	98	9.1	SW846 8260B
1,1,2-Trichloroethane	ND	74.8	64.0	ug/kg	86		SW846 8260B
	ND	63.9	67.4	ug/kg	106	5.2	SW846 8260B
Trichloroethene	ND	74.8	55.2	ug/kg	74 a		SW846 8260B
	ND	63.9	60.1	ug/kg	94	8.4	SW846 8260B
Trichlorofluoromethane	ND	74.8	46.0	ug/kg	62		SW846 8260B
	ND	63.9	47.6	ug/kg	74	3.4	SW846 8260B
1,2,3-Trichloropropane	ND	74.8	75.8	ug/kg	101		SW846 8260B
	ND	63.9	80.2	ug/kg	125 a	5.7	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7G210163 **Work Order #...:** J3C0T1DF-MS **Matrix.....:** SO
MS Lot-Sample #: D7G210163-008 J3C0T1DG-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Vinyl chloride	ND	74.8	52.9	ug/kg	71		SW846 8260B
	ND	63.9	54.3	ug/kg	85	2.8	SW846 8260B
Xylenes (total)	ND	224	158	ug/kg	71 a		SW846 8260B
	ND	192	172	ug/kg	90	8.5	SW846 8260B
n-Butylbenzene	ND	74.8	54.9	ug/kg	73		SW846 8260B
	ND	63.9	61.5	ug/kg	96	11	SW846 8260B
sec-Butylbenzene	ND	74.8	54.2	ug/kg	73 a		SW846 8260B
	ND	63.9	60.7	ug/kg	95	11	SW846 8260B
Isopropylbenzene	ND	74.8	59.7	ug/kg	80		SW846 8260B
	ND	63.9	66.4	ug/kg	104	11	SW846 8260B
1,2,4-Trimethylbenzene	ND	74.8	56.0	ug/kg	75 a		SW846 8260B
	ND	63.9	61.3	ug/kg	96	9.1	SW846 8260B
1,3,5-Trimethylbenzene	ND	74.8	56.2	ug/kg	75 a		SW846 8260B
	ND	63.9	61.9	ug/kg	97	9.6	SW846 8260B
n-Propylbenzene	ND	74.8	56.2	ug/kg	75 a		SW846 8260B
	ND	63.9	62.5	ug/kg	98	11	SW846 8260B
tert-Butylbenzene	ND	74.8	56.0	ug/kg	75 a		SW846 8260B
	ND	63.9	62.1	ug/kg	97	10	SW846 8260B
Carbon disulfide	ND	74.8	45.6	ug/kg	61		SW846 8260B
	ND	63.9	49.1	ug/kg	77	7.4	SW846 8260B
Dibromochloromethane	ND	74.8	61.7	ug/kg	83		SW846 8260B
	ND	63.9	66.0	ug/kg	103	6.6	SW846 8260B
2-Chlorotoluene	ND	74.8	55.1	ug/kg	74 a		SW846 8260B
	ND	63.9	60.8	ug/kg	95	9.8	SW846 8260B
4-Chlorotoluene	ND	74.8	57.7	ug/kg	77		SW846 8260B
	ND	63.9	62.3	ug/kg	97	7.6	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	ND	74.8	76.3	ug/kg	102		SW846 8260B
	ND	63.9	79.0	ug/kg	124 a	3.4	SW846 8260B
1,3-Dichloropropane	ND	74.8	58.8	ug/kg	79		SW846 8260B
	ND	63.9	62.7	ug/kg	98	6.4	SW846 8260B
2,2-Dichloropropane	ND	74.8	55.3	ug/kg	74		SW846 8260B
	ND	63.9	60.3	ug/kg	94	8.6	SW846 8260B
1,1-Dichloropropene	ND	74.8	53.5	ug/kg	72 a		SW846 8260B
	ND	63.9	59.4	ug/kg	93	10	SW846 8260B
Hexachlorobutadiene	ND	74.8	54.6	ug/kg	73		SW846 8260B
	ND	63.9	60.0	ug/kg	94	9.3	SW846 8260B
4-Isopropyltoluene	ND	74.8	58.9	ug/kg	79		SW846 8260B
	ND	63.9	64.8	ug/kg	101	9.6	SW846 8260B
Methyl tert-butyl ether	ND	149	134	ug/kg	89		SW846 8260B
	ND	128	141	ug/kg	111	5.7	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7G210163 **Work Order #...:** J3C0T1DF-MS **Matrix.....:** SO
MS Lot-Sample #: D7G210163-008 J3C0T1DG-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,2,3-Trichlorobenzene	**ND**	**74.8**	**67.6**	**ug/kg**	**90**		**SW846 8260B**
	ND	**63.9**	**70.0**	**ug/kg**	**109**	**3.5**	**SW846 8260B**
m-Xylene & p-Xylene	**ND**	**149**	**105**	**ug/kg**	**70 a**		**SW846 8260B**
	ND	**128**	**114**	**ug/kg**	**90**	**8.7**	**SW846 8260B**
o-Xylene	**ND**	**74.8**	**53.4**	**ug/kg**	**71 a**		**SW846 8260B**
	ND	**63.9**	**57.9**	**ug/kg**	**91**	**8.1**	**SW846 8260B**
Bromobenzene	**ND**	**74.8**	**54.4**	**ug/kg**	**73 a**		**SW846 8260B**
	ND	**63.9**	**59.4**	**ug/kg**	**93**	**8.8**	**SW846 8260B**
Bromochloromethane	**ND**	**74.8**	**63.6**	**ug/kg**	**85**		**SW846 8260B**
	ND	**63.9**	**67.0**	**ug/kg**	**105**	**5.2**	**SW846 8260B**
Naphthalene	**ND**	**74.8**	**74.2**	**ug/kg**	**99**		**SW846 8260B**
	ND	**63.9**	**77.9**	**ug/kg**	**122 a**	**4.9**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	100	(75 - 121)
	110	(75 - 121)
1,2-Dichloroethane-d4	110	(58 - 140)
	122	(58 - 140)
4-Bromofluorobenzene	95	(76 - 127)
	107	(76 - 127)
Toluene-d8	90	(80 - 126)
	101	(80 - 126)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7G210163 **Work Order #...:** J3C191DH-MS **Matrix.....:** SO
MS Lot-Sample #: D7G210163-023 J3C191DJ-MSD
Date Sampled...: 07/20/07 12:00 **Date Received..:** 07/21/07
Prep Date.....: 07/21/07 **Analysis Date..:** 07/27/07
Prep Batch #...: 7209112 **Analysis Time..:** 18:53
Dilution Factor: 0.94

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acetone	87	(45 - 184)			SW846 8260B
	84	(45 - 184)	4.3	(0-28)	SW846 8260B
Benzene	91	(76 - 116)			SW846 8260B
	79	(76 - 116)	6.0	(0-20)	SW846 8260B
Bromodichloromethane	105	(74 - 125)			SW846 8260B
	91	(74 - 125)	5.5	(0-20)	SW846 8260B
Bromoform	104	(75 - 115)			SW846 8260B
	94	(75 - 115)	1.5	(0-20)	SW846 8260B
Bromomethane	89	(40 - 149)			SW846 8260B
	71	(40 - 149)	14	(0-22)	SW846 8260B
2-Butanone (MEK)	115	(58 - 150)			SW846 8260B
	111	(58 - 150)	5.4	(0-32)	SW846 8260B
Carbon tetrachloride	98	(69 - 147)			SW846 8260B
	85	(69 - 147)	5.7	(0-20)	SW846 8260B
Chlorobenzene	90	(74 - 114)			SW846 8260B
	77	(74 - 114)	6.8	(0-20)	SW846 8260B
Chloroethane	99	(51 - 155)			SW846 8260B
	72 p	(51 - 155)	23	(0-22)	SW846 8260B
Chloroform	98	(77 - 125)			SW846 8260B
	85	(77 - 125)	5.3	(0-20)	SW846 8260B
Chloromethane	85	(47 - 148)			SW846 8260B
	72	(47 - 148)	8.8	(0-25)	SW846 8260B
Dibromomethane	106	(77 - 117)			SW846 8260B
	95	(77 - 117)	3.0	(0-20)	SW846 8260B
1,2-Dibromoethane (EDB)	103	(75 - 115)			SW846 8260B
	92	(75 - 115)	2.3	(0-20)	SW846 8260B
1,2-Dichlorobenzene	93	(72 - 112)			SW846 8260B
	80	(72 - 112)	6.7	(0-20)	SW846 8260B
1,3-Dichlorobenzene	86	(74 - 114)			SW846 8260B
	73 a	(74 - 114)	7.9	(0-20)	SW846 8260B
1,4-Dichlorobenzene	87	(73 - 113)			SW846 8260B
	76	(73 - 113)	5.9	(0-22)	SW846 8260B
Dichlorodifluoromethane	86	(42 - 178)			SW846 8260B
	72	(42 - 178)	8.5	(0-28)	SW846 8260B
1,1-Dichloroethane	101	(74 - 114)			SW846 8260B
	87	(74 - 114)	6.7	(0-20)	SW846 8260B
1,2-Dichloroethane	123	(62 - 142)			SW846 8260B
	108	(62 - 142)	4.9	(0-20)	SW846 8260B
1,1-Dichloroethene	69 a	(77 - 143)			SW846 8260B
	62 a	(77 - 143)	3.2	(0-20)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7G210163 **Work Order #...:** J3C191DH-MS **Matrix.....:** SO
MS Lot-Sample #: D7G210163-023 J3C191DJ-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
cis-1,2-Dichloroethene	94	(75 - 115)			SW846 8260B
	81	(75 - 115)	7.3	(0-20)	SW846 8260B
trans-1,2-Dichloroethene	87	(82 - 127)			SW846 8260B
	74 a	(82 - 127)	7.3	(0-20)	SW846 8260B
1,2-Dichloropropane	102	(74 - 114)			SW846 8260B
	89	(74 - 114)	6.2	(0-20)	SW846 8260B
cis-1,3-Dichloropropene	97	(77 - 117)			SW846 8260B
	85	(77 - 117)	4.5	(0-20)	SW846 8260B
trans-1,3-Dichloropropene	103	(71 - 120)			SW846 8260B
	91	(71 - 120)	3.6	(0-20)	SW846 8260B
Ethylbenzene	87	(78 - 118)			SW846 8260B
	74 a	(78 - 118)	7.2	(0-20)	SW846 8260B
2-Hexanone	113	(58 - 136)			SW846 8260B
	110	(58 - 136)	5.5	(0-29)	SW846 8260B
Methylene chloride	89	(76 - 116)			SW846 8260B
	80	(76 - 116)	2.9	(0-21)	SW846 8260B
4-Methyl-2-pentanone	108	(62 - 130)			SW846 8260B
	105	(62 - 130)	4.8	(0-25)	SW846 8260B
Styrene	88	(77 - 117)			SW846 8260B
	77	(77 - 117)	5.4	(0-20)	SW846 8260B
1,1,1,2-Tetrachloroethane	95	(76 - 116)			SW846 8260B
	83	(76 - 116)	4.8	(0-20)	SW846 8260B
1,1,2,2-Tetrachloroethane	99	(68 - 119)			SW846 8260B
	90	(68 - 119)	1.2	(0-21)	SW846 8260B
Tetrachloroethene	79	(71 - 111)			SW846 8260B
	69 a	(71 - 111)	5.9	(0-20)	SW846 8260B
Toluene	93	(72 - 113)			SW846 8260B
	81	(72 - 113)	5.8	(0-20)	SW846 8260B
1,2,4-Trichloro-benzene	98	(73 - 116)			SW846 8260B
	84	(73 - 116)	8.0	(0-26)	SW846 8260B
1,1,1-Trichloroethane	94	(67 - 143)			SW846 8260B
	82	(67 - 143)	5.6	(0-20)	SW846 8260B
1,1,2-Trichloroethane	106	(69 - 109)			SW846 8260B
	93	(69 - 109)	4.2	(0-20)	SW846 8260B
Trichloroethene	91	(78 - 118)			SW846 8260B
	79	(78 - 118)	6.2	(0-20)	SW846 8260B
Trichlorofluoromethane	73	(50 - 155)			SW846 8260B
	58	(50 - 155)	14	(0-33)	SW846 8260B
1,2,3-Trichloropropane	121	(72 - 122)			SW846 8260B
	111	(72 - 122)	0.24	(0-21)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7G210163 **Work Order #...:** J3C191DH-MS **Matrix.....:** SO
MS Lot-Sample #: D7G210163-023 J3C191DJ-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Vinyl chloride	82	(45 - 148)			SW846 8260B
	68	(45 - 148)	9.4	(0-24)	SW846 8260B
Xylenes (total)	86	(77 - 117)			SW846 8260B
	74 a	(77 - 117)	6.3	(0-20)	SW846 8260B
n-Butylbenzene	89	(66 - 130)			SW846 8260B
	77	(66 - 130)	7.1	(0-21)	SW846 8260B
sec-Butylbenzene	91	(79 - 128)			SW846 8260B
	78 a	(79 - 128)	7.2	(0-22)	SW846 8260B
Isopropylbenzene	100	(71 - 111)			SW846 8260B
	86	(71 - 111)	6.5	(0-20)	SW846 8260B
1,2,4-Trimethylbenzene	95	(78 - 126)			SW846 8260B
	80	(78 - 126)	8.9	(0-20)	SW846 8260B
1,3,5-Trimethylbenzene	93	(77 - 125)			SW846 8260B
	80	(77 - 125)	6.6	(0-21)	SW846 8260B
n-Propylbenzene	93	(79 - 120)			SW846 8260B
	80	(79 - 120)	6.7	(0-22)	SW846 8260B
tert-Butylbenzene	94	(77 - 124)			SW846 8260B
	81	(77 - 124)	6.6	(0-22)	SW846 8260B
Carbon disulfide	78	(49 - 121)			SW846 8260B
	62	(49 - 121)	15	(0-24)	SW846 8260B
Dibromochloromethane	103	(74 - 114)			SW846 8260B
	90	(74 - 114)	4.6	(0-20)	SW846 8260B
2-Chlorotoluene	92	(80 - 120)			SW846 8260B
	79 a	(80 - 120)	7.0	(0-22)	SW846 8260B
4-Chlorotoluene	94	(77 - 117)			SW846 8260B
	80	(77 - 117)	7.4	(0-20)	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	118	(60 - 120)			SW846 8260B
	111	(60 - 120)	2.8	(0-28)	SW846 8260B
1,3-Dichloropropane	96	(72 - 112)			SW846 8260B
	87	(72 - 112)	1.7	(0-20)	SW846 8260B
2,2-Dichloropropane	88	(64 - 144)			SW846 8260B
	76	(64 - 144)	6.6	(0-20)	SW846 8260B
1,1-Dichloropropene	88	(76 - 123)			SW846 8260B
	76	(76 - 123)	6.6	(0-20)	SW846 8260B
Hexachlorobutadiene	91	(69 - 125)			SW846 8260B
	80	(69 - 125)	5.3	(0-25)	SW846 8260B
4-Isopropyltoluene	96	(73 - 118)			SW846 8260B
	82	(73 - 118)	7.4	(0-20)	SW846 8260B
Methyl tert-butyl ether	109	(69 - 129)			SW846 8260B
	99	(69 - 129)	1.6	(0-20)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7G210163 **Work Order #...:** J3C191DH-MS **Matrix.....:** SO
MS Lot-Sample #: D7G210163-023 J3C191DJ-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2,3-Trichlorobenzene	**109**	**(69 - 113)**			**SW846 8260B**
	95	**(69 - 113)**	**5.5**	**(0-31)**	**SW846 8260B**
m-Xylene & p-Xylene	**86**	**(77 - 117)**			**SW846 8260B**
	74 a	**(77 - 117)**	**6.5**	**(0-20)**	**SW846 8260B**
o-Xylene	**88**	**(77 - 117)**			**SW846 8260B**
	76 a	**(77 - 117)**	**6.0**	**(0-20)**	**SW846 8260B**
Bromobenzene	**91**	**(74 - 114)**			**SW846 8260B**
	80	**(74 - 114)**	**5.4**	**(0-22)**	**SW846 8260B**
Bromochloromethane	**105**	**(77 - 117)**			**SW846 8260B**
	93	**(77 - 117)**	**4.0**	**(0-21)**	**SW846 8260B**
Naphthalene	**118 a**	**(65 - 113)**			**SW846 8260B**
	109	**(65 - 113)**	**0.02**	**(0-38)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	110	(75 - 121)
	99	(75 - 121)
1,2-Dichloroethane-d4	120	(58 - 140)
	109	(58 - 140)
4-Bromofluorobenzene	105	(76 - 127)
	95	(76 - 127)
Toluene-d8	99	(80 - 126)
	90	(80 - 126)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

p Relative percent difference (RPD) is outside stated control limits.

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7G210163 **Work Order #...:** J3C191DH-MS **Matrix.....:** SO
MS Lot-Sample #: D7G210163-023 J3C191DJ-MSD
Date Sampled...: 07/20/07 12:00 **Date Received..:** 07/21/07
Prep Date.....: 07/21/07 **Analysis Date..:** 07/27/07
Prep Batch #...: 7209112 **Analysis Time..:** 18:53
Dilution Factor: 0.94

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Acetone	ND	120	105	ug/kg	87		SW846 8260B
	ND	131	110	ug/kg	84	4.3	SW846 8260B
Benzene	ND	60.2	54.8	ug/kg	91		SW846 8260B
	ND	65.4	51.6	ug/kg	79	6.0	SW846 8260B
Bromodichloromethane	ND	60.2	62.9	ug/kg	105		SW846 8260B
	ND	65.4	59.5	ug/kg	91	5.5	SW846 8260B
Bromoform	ND	60.2	62.6	ug/kg	104		SW846 8260B
	ND	65.4	61.7	ug/kg	94	1.5	SW846 8260B
Bromomethane	ND	60.2	53.5	ug/kg	89		SW846 8260B
	ND	65.4	46.3	ug/kg	71	14	SW846 8260B
2-Butanone (MEK)	ND	120	138	ug/kg	115		SW846 8260B
	ND	131	146	ug/kg	111	5.4	SW846 8260B
Carbon tetrachloride	ND	60.2	58.8	ug/kg	98		SW846 8260B
	ND	65.4	55.6	ug/kg	85	5.7	SW846 8260B
Chlorobenzene	ND	60.2	54.0	ug/kg	90		SW846 8260B
	ND	65.4	50.5	ug/kg	77	6.8	SW846 8260B
Chloroethane	ND	60.2	59.3	ug/kg	99		SW846 8260B
	ND	65.4	47.2	ug/kg	72 p	23	SW846 8260B
Chloroform	ND	60.2	58.9	ug/kg	98		SW846 8260B
	ND	65.4	55.9	ug/kg	85	5.3	SW846 8260B
Chloromethane	ND	60.2	51.4	ug/kg	85		SW846 8260B
	ND	65.4	47.1	ug/kg	72	8.8	SW846 8260B
Dibromomethane	ND	60.2	63.7	ug/kg	106		SW846 8260B
	ND	65.4	61.8	ug/kg	95	3.0	SW846 8260B
1,2-Dibromoethane (EDB)	ND	60.2	61.9	ug/kg	103		SW846 8260B
	ND	65.4	60.5	ug/kg	92	2.3	SW846 8260B
1,2-Dichlorobenzene	ND	60.2	56.1	ug/kg	93		SW846 8260B
	ND	65.4	52.5	ug/kg	80	6.7	SW846 8260B
1,3-Dichlorobenzene	ND	60.2	51.5	ug/kg	86		SW846 8260B
	ND	65.4	47.5	ug/kg	73 a	7.9	SW846 8260B
1,4-Dichlorobenzene	ND	60.2	52.4	ug/kg	87		SW846 8260B
	ND	65.4	49.4	ug/kg	76	5.9	SW846 8260B
Dichlorodifluoromethane	ND	60.2	51.5	ug/kg	86		SW846 8260B
	ND	65.4	47.2	ug/kg	72	8.5	SW846 8260B
1,1-Dichloroethane	ND	60.2	60.6	ug/kg	101		SW846 8260B
	ND	65.4	56.6	ug/kg	87	6.7	SW846 8260B
1,2-Dichloroethane	ND	60.2	74.0	ug/kg	123		SW846 8260B
	ND	65.4	70.5	ug/kg	108	4.9	SW846 8260B
1,1-Dichloroethene	ND	60.2	41.6	ug/kg	69 a		SW846 8260B
	ND	65.4	40.3	ug/kg	62 a	3.2	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7G210163 **Work Order #...:** J3C191DH-MS **Matrix.....:** SO
MS Lot-Sample #: D7G210163-023 J3C191DJ-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
cis-1,2-Dichloroethene	ND	60.2	56.8	ug/kg	94		SW846 8260B
	ND	65.4	52.8	ug/kg	81	7.3	SW846 8260B
trans-1,2-Dichloroethene	ND	60.2	52.3	ug/kg	87		SW846 8260B
	ND	65.4	48.6	ug/kg	74 a	7.3	SW846 8260B
1,2-Dichloropropane	ND	60.2	61.7	ug/kg	102		SW846 8260B
	ND	65.4	58.0	ug/kg	89	6.2	SW846 8260B
cis-1,3-Dichloropropene	ND	60.2	58.2	ug/kg	97		SW846 8260B
	ND	65.4	55.6	ug/kg	85	4.5	SW846 8260B
trans-1,3-Dichloropropene	ND	60.2	61.8	ug/kg	103		SW846 8260B
	ND	65.4	59.7	ug/kg	91	3.6	SW846 8260B
Ethylbenzene	ND	60.2	52.3	ug/kg	87		SW846 8260B
	ND	65.4	48.7	ug/kg	74 a	7.2	SW846 8260B
2-Hexanone	ND	120	136	ug/kg	113		SW846 8260B
	ND	131	144	ug/kg	110	5.5	SW846 8260B
Methylene chloride	ND	60.2	53.6	ug/kg	89		SW846 8260B
	ND	65.4	52.0	ug/kg	80	2.9	SW846 8260B
4-Methyl-2-pentanone	ND	120	130	ug/kg	108		SW846 8260B
	ND	131	137	ug/kg	105	4.8	SW846 8260B
Styrene	ND	60.2	53.1	ug/kg	88		SW846 8260B
	ND	65.4	50.2	ug/kg	77	5.4	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	60.2	57.0	ug/kg	95		SW846 8260B
	ND	65.4	54.3	ug/kg	83	4.8	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	60.2	59.7	ug/kg	99		SW846 8260B
	ND	65.4	59.0	ug/kg	90	1.2	SW846 8260B
Tetrachloroethene	ND	60.2	47.7	ug/kg	79		SW846 8260B
	ND	65.4	45.0	ug/kg	69 a	5.9	SW846 8260B
Toluene	ND	60.2	56.1	ug/kg	93		SW846 8260B
	ND	65.4	52.9	ug/kg	81	5.8	SW846 8260B
1,2,4-Trichloro-benzene	ND	60.2	59.2	ug/kg	98		SW846 8260B
	ND	65.4	54.7	ug/kg	84	8.0	SW846 8260B
1,1,1-Trichloroethane	ND	60.2	56.7	ug/kg	94		SW846 8260B
	ND	65.4	53.5	ug/kg	82	5.6	SW846 8260B
1,1,2-Trichloroethane	ND	60.2	63.8	ug/kg	106		SW846 8260B
	ND	65.4	61.1	ug/kg	93	4.2	SW846 8260B
Trichloroethene	ND	60.2	54.9	ug/kg	91		SW846 8260B
	ND	65.4	51.6	ug/kg	79	6.2	SW846 8260B
Trichlorofluoromethane	ND	60.2	43.7	ug/kg	73		SW846 8260B
	ND	65.4	38.1	ug/kg	58	14	SW846 8260B
1,2,3-Trichloropropane	ND	60.2	72.9	ug/kg	121		SW846 8260B
	ND	65.4	72.7	ug/kg	111	0.24	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7G210163 **Work Order #...:** J3C191DH-MS **Matrix.....:** SO
MS Lot-Sample #: D7G210163-023 J3C191DJ-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Vinyl chloride	ND	60.2	49.1	ug/kg	82		SW846 8260B
	ND	65.4	44.7	ug/kg	68	9.4	SW846 8260B
Xylenes (total)	ND	180	156	ug/kg	86		SW846 8260B
	ND	196	146	ug/kg	74 a	6.3	SW846 8260B
n-Butylbenzene	ND	60.2	53.8	ug/kg	89		SW846 8260B
	ND	65.4	50.1	ug/kg	77	7.1	SW846 8260B
sec-Butylbenzene	ND	60.2	54.7	ug/kg	91		SW846 8260B
	ND	65.4	50.9	ug/kg	78 a	7.2	SW846 8260B
Isopropylbenzene	ND	60.2	60.2	ug/kg	100		SW846 8260B
	ND	65.4	56.4	ug/kg	86	6.5	SW846 8260B
1,2,4-Trimethylbenzene	ND	60.2	57.0	ug/kg	95		SW846 8260B
	ND	65.4	52.2	ug/kg	80	8.9	SW846 8260B
1,3,5-Trimethylbenzene	ND	60.2	56.1	ug/kg	93		SW846 8260B
	ND	65.4	52.5	ug/kg	80	6.6	SW846 8260B
n-Propylbenzene	ND	60.2	55.8	ug/kg	93		SW846 8260B
	ND	65.4	52.2	ug/kg	80	6.7	SW846 8260B
tert-Butylbenzene	ND	60.2	56.3	ug/kg	94		SW846 8260B
	ND	65.4	52.7	ug/kg	81	6.6	SW846 8260B
Carbon disulfide	ND	60.2	46.9	ug/kg	78		SW846 8260B
	ND	65.4	40.3	ug/kg	62	15	SW846 8260B
Dibromochloromethane	ND	60.2	61.9	ug/kg	103		SW846 8260B
	ND	65.4	59.1	ug/kg	90	4.6	SW846 8260B
2-Chlorotoluene	ND	60.2	55.5	ug/kg	92		SW846 8260B
	ND	65.4	51.7	ug/kg	79 a	7.0	SW846 8260B
4-Chlorotoluene	ND	60.2	56.6	ug/kg	94		SW846 8260B
	ND	65.4	52.6	ug/kg	80	7.4	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	ND	60.2	70.7	ug/kg	118		SW846 8260B
	ND	65.4	72.7	ug/kg	111	2.8	SW846 8260B
1,3-Dichloropropane	ND	60.2	57.6	ug/kg	96		SW846 8260B
	ND	65.4	56.6	ug/kg	87	1.7	SW846 8260B
2,2-Dichloropropane	ND	60.2	53.1	ug/kg	88		SW846 8260B
	ND	65.4	49.7	ug/kg	76	6.6	SW846 8260B
1,1-Dichloropropene	ND	60.2	52.9	ug/kg	88		SW846 8260B
	ND	65.4	49.5	ug/kg	76	6.6	SW846 8260B
Hexachlorobutadiene	ND	60.2	55.0	ug/kg	91		SW846 8260B
	ND	65.4	52.2	ug/kg	80	5.3	SW846 8260B
4-Isopropyltoluene	ND	60.2	58.1	ug/kg	96		SW846 8260B
	ND	65.4	53.9	ug/kg	82	7.4	SW846 8260B
Methyl tert-butyl ether	ND	120	131	ug/kg	109		SW846 8260B
	ND	131	129	ug/kg	99	1.6	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7G210163 **Work Order #...:** J3C191DH-MS **Matrix.....:** SO
MS Lot-Sample #: D7G210163-023 J3C191DJ-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,2,3-Trichlorobenzene	**ND**	**60.2**	**65.3**	**ug/kg**	**109**		**SW846 8260B**
	ND	**65.4**	**61.9**	**ug/kg**	**95**	**5.5**	**SW846 8260B**
m-Xylene & p-Xylene	**ND**	**120**	**103**	**ug/kg**	**86**		**SW846 8260B**
	ND	**131**	**96.4**	**ug/kg**	**74 a**	**6.5**	**SW846 8260B**
o-Xylene	**ND**	**60.2**	**52.7**	**ug/kg**	**88**		**SW846 8260B**
	ND	**65.4**	**49.6**	**ug/kg**	**76 a**	**6.0**	**SW846 8260B**
Bromobenzene	**ND**	**60.2**	**55.0**	**ug/kg**	**91**		**SW846 8260B**
	ND	**65.4**	**52.1**	**ug/kg**	**80**	**5.4**	**SW846 8260B**
Bromochloromethane	**ND**	**60.2**	**63.3**	**ug/kg**	**105**		**SW846 8260B**
	ND	**65.4**	**60.8**	**ug/kg**	**93**	**4.0**	**SW846 8260B**
Naphthalene	**ND**	**60.2**	**70.9**	**ug/kg**	**118 a**		**SW846 8260B**
	ND	**65.4**	**71.0**	**ug/kg**	**109**	**0.02**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	110	(75 - 121)
	99	(75 - 121)
1,2-Dichloroethane-d4	120	(58 - 140)
	109	(58 - 140)
4-Bromofluorobenzene	105	(76 - 127)
	95	(76 - 127)
Toluene-d8	99	(80 - 126)
	90	(80 - 126)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

p Relative percent difference (RPD) is outside stated control limits.

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7G210163 **Work Order #...:** J3C011A7-MS **Matrix.....:** WG
MS Lot-Sample #: D7G210163-011 J3C011A8-MSD
Date Sampled...: 07/19/07 13:05 **Date Received..:** 07/21/07
Prep Date.....: 07/28/07 **Analysis Date..:** 07/28/07
Prep Batch #...: 7211594 **Analysis Time..:** 20:34
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acetone	70	(48 - 130)			SW846 8260B
	70	(48 - 130)	0.81	(0-41)	SW846 8260B
Benzene	85	(77 - 118)			SW846 8260B
	85	(77 - 118)	0.34	(0-20)	SW846 8260B
Bromodichloromethane	87	(78 - 118)			SW846 8260B
	91	(78 - 118)	5.2	(0-20)	SW846 8260B
Bromoform	85	(74 - 121)			SW846 8260B
	94	(74 - 121)	10	(0-21)	SW846 8260B
Bromomethane	137	(42 - 154)			SW846 8260B
	122	(42 - 154)	11	(0-24)	SW846 8260B
2-Butanone (MEK)	79	(57 - 120)			SW846 8260B
	94	(57 - 120)	18	(0-32)	SW846 8260B
Carbon tetrachloride	91	(80 - 120)			SW846 8260B
	94	(80 - 120)	3.3	(0-21)	SW846 8260B
Chlorobenzene	98	(78 - 118)			SW846 8260B
	113	(78 - 118)	14	(0-20)	SW846 8260B
Chloroethane	106	(51 - 133)			SW846 8260B
	102	(51 - 133)	3.9	(0-25)	SW846 8260B
Chloroform	92	(78 - 118)			SW846 8260B
	99	(78 - 118)	7.0	(0-20)	SW846 8260B
Chloromethane	81	(46 - 142)			SW846 8260B
	79	(46 - 142)	2.4	(0-24)	SW846 8260B
Dibromomethane	99	(77 - 117)			SW846 8260B
	94	(77 - 117)	4.9	(0-20)	SW846 8260B
1,2-Dibromoethane (EDB)	97	(77 - 117)			SW846 8260B
	115	(77 - 117)	17	(0-20)	SW846 8260B
1,2-Dichlorobenzene	85	(76 - 116)			SW846 8260B
	90	(76 - 116)	5.2	(0-20)	SW846 8260B
1,3-Dichlorobenzene	93	(75 - 115)			SW846 8260B
	96	(75 - 115)	3.8	(0-20)	SW846 8260B
1,4-Dichlorobenzene	88	(77 - 117)			SW846 8260B
	92	(77 - 117)	4.6	(0-23)	SW846 8260B
Dichlorodifluoromethane	80	(56 - 140)			SW846 8260B
	84	(56 - 140)	5.0	(0-24)	SW846 8260B
1,1-Dichloroethane	89	(77 - 117)			SW846 8260B
	92	(77 - 117)	3.7	(0-21)	SW846 8260B
1,2-Dichloroethane	89	(74 - 120)			SW846 8260B
	89	(74 - 120)	0.61	(0-20)	SW846 8260B
1,1-Dichloroethene	99	(68 - 133)			SW846 8260B
	101	(68 - 133)	1.9	(0-20)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7G210163 **Work Order #...:** J3C011A7-MS **Matrix.....:** WG
MS Lot-Sample #: D7G210163-011 J3C011A8-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2-Dichloroethene (total)	95	(78 - 118)			SW846 8260B
	100	(78 - 118)	4.5	(0-20)	SW846 8260B
cis-1,2-Dichloroethene	95	(75 - 115)			SW846 8260B
	94	(75 - 115)	0.57	(0-20)	SW846 8260B
trans-1,2-Dichloroethene	95	(80 - 120)			SW846 8260B
	105	(80 - 120)	9.4	(0-24)	SW846 8260B
1,2-Dichloropropane	80	(76 - 116)			SW846 8260B
	78	(76 - 116)	2.6	(0-20)	SW846 8260B
cis-1,3-Dichloropropene	88	(76 - 116)			SW846 8260B
	96	(76 - 116)	8.6	(0-20)	SW846 8260B
trans-1,3-Dichloropropene	83	(72 - 117)			SW846 8260B
	95	(72 - 117)	13	(0-20)	SW846 8260B
Ethylbenzene	100	(78 - 118)			SW846 8260B
	115	(78 - 118)	14	(0-26)	SW846 8260B
2-Hexanone	85	(57 - 121)			SW846 8260B
	84	(57 - 121)	0.85	(0-25)	SW846 8260B
Methylene chloride	88	(71 - 119)			SW846 8260B
	88	(71 - 119)	0.90	(0-20)	SW846 8260B
4-Methyl-2-pentanone	81	(65 - 118)			SW846 8260B
	89	(65 - 118)	9.4	(0-22)	SW846 8260B
Styrene	100	(77 - 117)			SW846 8260B
	105	(77 - 117)	5.0	(0-20)	SW846 8260B
1,1,1,2-Tetrachloroethane	88	(77 - 117)			SW846 8260B
	100	(77 - 117)	13	(0-20)	SW846 8260B
1,1,2,2-Tetrachloroethane	105	(73 - 119)			SW846 8260B
	112	(73 - 119)	6.4	(0-20)	SW846 8260B
Tetrachloroethene	101	(77 - 117)			SW846 8260B
	115	(77 - 117)	14	(0-20)	SW846 8260B
Toluene	101	(73 - 120)			SW846 8260B
	116	(73 - 120)	14	(0-20)	SW846 8260B
1,2,4-Trichloro-benzene	81	(73 - 121)			SW846 8260B
	93	(73 - 121)	14	(0-25)	SW846 8260B
1,1,1-Trichloroethane	102	(78 - 118)			SW846 8260B
	105	(78 - 118)	2.9	(0-20)	SW846 8260B
1,1,2-Trichloroethane	105	(76 - 116)			SW846 8260B
	117 a	(76 - 116)	11	(0-21)	SW846 8260B
Trichloroethene	77 a	(78 - 122)			SW846 8260B
	83	(78 - 122)	7.1	(0-20)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7G210163 **Work Order #...:** J3C011A7-MS **Matrix.....:** WG
MS Lot-Sample #: D7G210163-011 J3C011A8-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Trichlorofluoromethane	120	(63 - 135)			SW846 8260B
	120	(63 - 135)	0.69	(0-20)	SW846 8260B
1,2,3-Trichloropropane	93	(72 - 120)			SW846 8260B
	95	(72 - 120)	1.3	(0-23)	SW846 8260B
Vinyl chloride	83	(49 - 136)			SW846 8260B
	81	(49 - 136)	2.2	(0-24)	SW846 8260B
Xylenes (total)	102	(77 - 117)			SW846 8260B
	119 a	(77 - 117)	15	(0-20)	SW846 8260B
n-Butylbenzene	95	(76 - 117)			SW846 8260B
	106	(76 - 117)	11	(0-21)	SW846 8260B
sec-Butylbenzene	89	(80 - 120)			SW846 8260B
	106	(80 - 120)	18	(0-21)	SW846 8260B
Isopropylbenzene	94	(71 - 111)			SW846 8260B
	111	(71 - 111)	17	(0-20)	SW846 8260B
1,2,4-Trimethylbenzene	107	(77 - 117)			SW846 8260B
	116	(77 - 117)	7.4	(0-20)	SW846 8260B
1,3,5-Trimethylbenzene	104	(77 - 117)			SW846 8260B
	113	(77 - 117)	7.8	(0-20)	SW846 8260B
n-Propylbenzene	87	(76 - 116)			SW846 8260B
	99	(76 - 116)	13	(0-20)	SW846 8260B
tert-Butylbenzene	89	(76 - 116)			SW846 8260B
	99	(76 - 116)	10	(0-21)	SW846 8260B
Carbon disulfide	79	(56 - 104)			SW846 8260B
	73	(56 - 104)	7.4	(0-20)	SW846 8260B
Dibromochloromethane	83	(76 - 116)			SW846 8260B
	94	(76 - 116)	12	(0-20)	SW846 8260B
2-Chlorotoluene	91	(76 - 116)			SW846 8260B
	89	(76 - 116)	2.2	(0-20)	SW846 8260B
4-Chlorotoluene	80	(78 - 118)			SW846 8260B
	96	(78 - 118)	18	(0-20)	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	78	(65 - 117)			SW846 8260B
	81	(65 - 117)	3.5	(0-22)	SW846 8260B
1,3-Dichloropropane	87	(75 - 115)			SW846 8260B
	104	(75 - 115)	18	(0-20)	SW846 8260B
2,2-Dichloropropane	79	(72 - 128)			SW846 8260B
	83	(72 - 128)	5.0	(0-24)	SW846 8260B
1,1-Dichloropropene	82	(75 - 115)			SW846 8260B
	89	(75 - 115)	7.9	(0-21)	SW846 8260B
Hexachlorobutadiene	78	(73 - 123)			SW846 8260B
	81	(73 - 123)	3.7	(0-25)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7G210163 **Work Order #...:** J3C011A7-MS **Matrix.....:** WG
MS Lot-Sample #: D7G210163-011 J3C011A8-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
4-Isopropyltoluene	**93**	**(76 - 113)**			**SW846 8260B**
	98	**(76 - 113)**	**6.2**	**(0-20)**	**SW846 8260B**
Methyl tert-butyl ether	**74**	**(58 - 116)**			**SW846 8260B**
	75	**(58 - 116)**	**1.4**	**(0-21)**	**SW846 8260B**
1,2,3-Trichlorobenzene	**81**	**(66 - 123)**			**SW846 8260B**
	93	**(66 - 123)**	**14**	**(0-29)**	**SW846 8260B**
m-Xylene & p-Xylene	**101**	**(78 - 118)**			**SW846 8260B**
	122 a	**(78 - 118)**	**19**	**(0-20)**	**SW846 8260B**
o-Xylene	**105**	**(77 - 117)**			**SW846 8260B**
	112	**(77 - 117)**	**6.6**	**(0-20)**	**SW846 8260B**
Bromobenzene	**89**	**(75 - 115)**			**SW846 8260B**
	102	**(75 - 115)**	**14**	**(0-20)**	**SW846 8260B**
Bromochloromethane	**81**	**(78 - 118)**			**SW846 8260B**
	83	**(78 - 118)**	**2.6**	**(0-20)**	**SW846 8260B**
Naphthalene	**67**	**(62 - 121)**			**SW846 8260B**
	77	**(62 - 121)**	**15**	**(0-32)**	**SW846 8260B**
Vinyl acetate	**81**	**(63 - 124)**			**SW846 8260B**
	91	**(63 - 124)**	**12**	**(0-24)**	**SW846 8260B**
2-Pentanone	**86**	**(42 - 115)**			**SW846 8260B**
	84	**(42 - 115)**	**2.2**	**(0-26)**	**SW846 8260B**
2-Chloroethyl vinyl ether	**0.0 a**	**(17 - 150)**			**SW846 8260B**
	0.0 a	**(17 - 150)**	**0.0**	**(0-31)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	114	(77 - 119)
	106	(77 - 119)
1,2-Dichloroethane-d4	100	(70 - 127)
	96	(70 - 127)
4-Bromofluorobenzene	109	(78 - 118)
	115	(78 - 118)
Toluene-d8	115	(83 - 125)
	117	(83 - 125)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7G210163
MS Lot-Sample #: D7G210163-011
Date Sampled...: 07/19/07 13:05
Prep Date.....: 07/28/07
Prep Batch #...: 7211594
Dilution Factor: 1

Work Order #...: J3C011A7-MS
J3C011A8-MSD
Date Received..: 07/21/07
Analysis Date..: 07/28/07
Analysis Time..: 20:34

Matrix.....: WG

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Acetone	ND	10.0	6.97	ug/L	70		SW846 8260B
	ND	10.0	7.02	ug/L	70	0.81	SW846 8260B
Benzene	ND	5.00	4.26	ug/L	85		SW846 8260B
	ND	5.00	4.27	ug/L	85	0.34	SW846 8260B
Bromodichloromethane	ND	5.00	4.34	ug/L	87		SW846 8260B
	ND	5.00	4.57	ug/L	91	5.2	SW846 8260B
Bromoform	ND	5.00	4.25	ug/L	85		SW846 8260B
	ND	5.00	4.72	ug/L	94	10	SW846 8260B
Bromomethane	ND	5.00	6.83	ug/L	137		SW846 8260B
	ND	5.00	6.09	ug/L	122	11	SW846 8260B
2-Butanone (MEK)	ND	10.0	7.87	ug/L	79		SW846 8260B
	ND	10.0	9.40	ug/L	94	18	SW846 8260B
Carbon tetrachloride	ND	5.00	4.57	ug/L	91		SW846 8260B
	ND	5.00	4.72	ug/L	94	3.3	SW846 8260B
Chlorobenzene	ND	5.00	4.89	ug/L	98		SW846 8260B
	ND	5.00	5.64	ug/L	113	14	SW846 8260B
Chloroethane	ND	5.00	5.28	ug/L	106		SW846 8260B
	ND	5.00	5.08	ug/L	102	3.9	SW846 8260B
Chloroform	ND	5.00	4.60	ug/L	92		SW846 8260B
	ND	5.00	4.93	ug/L	99	7.0	SW846 8260B
Chloromethane	ND	5.00	4.04	ug/L	81		SW846 8260B
	ND	5.00	3.94	ug/L	79	2.4	SW846 8260B
Dibromomethane	ND	5.00	4.95	ug/L	99		SW846 8260B
	ND	5.00	4.72	ug/L	94	4.9	SW846 8260B
1,2-Dibromoethane (EDB)	ND	5.00	4.87	ug/L	97		SW846 8260B
	ND	5.00	5.75	ug/L	115	17	SW846 8260B
1,2-Dichlorobenzene	ND	5.00	4.26	ug/L	85		SW846 8260B
	ND	5.00	4.49	ug/L	90	5.2	SW846 8260B
1,3-Dichlorobenzene	ND	5.00	4.63	ug/L	93		SW846 8260B
	ND	5.00	4.81	ug/L	96	3.8	SW846 8260B
1,4-Dichlorobenzene	ND	5.00	4.40	ug/L	88		SW846 8260B
	ND	5.00	4.61	ug/L	92	4.6	SW846 8260B
Dichlorodifluoromethane	ND	5.00	3.99	ug/L	80		SW846 8260B
	ND	5.00	4.20	ug/L	84	5.0	SW846 8260B
1,1-Dichloroethane	ND	5.00	4.43	ug/L	89		SW846 8260B
	ND	5.00	4.59	ug/L	92	3.7	SW846 8260B
1,2-Dichloroethane	ND	5.00	4.44	ug/L	89		SW846 8260B
	ND	5.00	4.46	ug/L	89	0.61	SW846 8260B
1,1-Dichloroethene	ND	5.00	4.94	ug/L	99		SW846 8260B
	ND	5.00	5.03	ug/L	101	1.9	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7G210163 **Work Order #...:** J3C011A7-MS **Matrix.....:** WG
MS Lot-Sample #: D7G210163-011 J3C011A8-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,2-Dichloroethene (total)	ND	10.0	9.51	ug/L	95		SW846 8260B
	ND	10.0	9.95	ug/L	100	4.5	SW846 8260B
cis-1,2-Dichloroethene	ND	5.00	4.74	ug/L	95		SW846 8260B
	ND	5.00	4.71	ug/L	94	0.57	SW846 8260B
trans-1,2-Dichloroethene	ND	5.00	4.77	ug/L	95		SW846 8260B
	ND	5.00	5.24	ug/L	105	9.4	SW846 8260B
1,2-Dichloropropane	ND	5.00	4.02	ug/L	80		SW846 8260B
	ND	5.00	3.92	ug/L	78	2.6	SW846 8260B
cis-1,3-Dichloropropene	ND	5.00	4.39	ug/L	88		SW846 8260B
	ND	5.00	4.78	ug/L	96	8.6	SW846 8260B
trans-1,3-Dichloropropene	ND	5.00	4.17	ug/L	83		SW846 8260B
	ND	5.00	4.77	ug/L	95	13	SW846 8260B
Ethylbenzene	ND	5.00	5.02	ug/L	100		SW846 8260B
	ND	5.00	5.76	ug/L	115	14	SW846 8260B
2-Hexanone	ND	10.0	8.47	ug/L	85		SW846 8260B
	ND	10.0	8.40	ug/L	84	0.85	SW846 8260B
Methylene chloride	ND	5.00	4.38	ug/L	88		SW846 8260B
	ND	5.00	4.42	ug/L	88	0.90	SW846 8260B
4-Methyl-2-pentanone	ND	10.0	8.11	ug/L	81		SW846 8260B
	ND	10.0	8.91	ug/L	89	9.4	SW846 8260B
Styrene	ND	5.00	5.02	ug/L	100		SW846 8260B
	ND	5.00	5.27	ug/L	105	5.0	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	5.00	4.39	ug/L	88		SW846 8260B
	ND	5.00	4.98	ug/L	100	13	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.00	5.25	ug/L	105		SW846 8260B
	ND	5.00	5.59	ug/L	112	6.4	SW846 8260B
Tetrachloroethene	ND	5.00	5.03	ug/L	101		SW846 8260B
	ND	5.00	5.77	ug/L	115	14	SW846 8260B
Toluene	ND	5.00	5.06	ug/L	101		SW846 8260B
	ND	5.00	5.81	ug/L	116	14	SW846 8260B
1,2,4-Trichloro-benzene	ND	5.00	4.07	ug/L	81		SW846 8260B
	ND	5.00	4.67	ug/L	93	14	SW846 8260B
1,1,1-Trichloroethane	ND	5.00	5.11	ug/L	102		SW846 8260B
	ND	5.00	5.26	ug/L	105	2.9	SW846 8260B
1,1,2-Trichloroethane	ND	5.00	5.25	ug/L	105		SW846 8260B
	ND	5.00	5.84	ug/L	117 a	11	SW846 8260B
Trichloroethene	ND	5.00	3.84	ug/L	77 a		SW846 8260B
	ND	5.00	4.13	ug/L	83	7.1	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7G210163 Work Order #...: J3C011A7-MS Matrix.....: WG
MS Lot-Sample #: D7G210163-011 J3C011A8-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Trichlorofluoromethane	ND	5.00	6.02	ug/L	120		SW846 8260B
	ND	5.00	5.98	ug/L	120	0.69	SW846 8260B
1,2,3-Trichloropropane	ND	5.00	4.67	ug/L	93		SW846 8260B
	ND	5.00	4.73	ug/L	95	1.3	SW846 8260B
Vinyl chloride	ND	5.00	4.13	ug/L	83		SW846 8260B
	ND	5.00	4.04	ug/L	81	2.2	SW846 8260B
Xylenes (total)	ND	15.0	15.3	ug/L	102		SW846 8260B
	ND	15.0	17.8	ug/L	119 a	15	SW846 8260B
n-Butylbenzene	ND	5.00	4.75	ug/L	95		SW846 8260B
	ND	5.00	5.31	ug/L	106	11	SW846 8260B
sec-Butylbenzene	ND	5.00	4.43	ug/L	89		SW846 8260B
	ND	5.00	5.32	ug/L	106	18	SW846 8260B
Isopropylbenzene	ND	5.00	4.68	ug/L	94		SW846 8260B
	ND	5.00	5.54	ug/L	111	17	SW846 8260B
1,2,4-Trimethylbenzene	ND	5.00	5.36	ug/L	107		SW846 8260B
	ND	5.00	5.78	ug/L	116	7.4	SW846 8260B
1,3,5-Trimethylbenzene	ND	5.00	5.21	ug/L	104		SW846 8260B
	ND	5.00	5.63	ug/L	113	7.8	SW846 8260B
n-Propylbenzene	ND	5.00	4.35	ug/L	87		SW846 8260B
	ND	5.00	4.96	ug/L	99	13	SW846 8260B
tert-Butylbenzene	ND	5.00	4.47	ug/L	89		SW846 8260B
	ND	5.00	4.96	ug/L	99	10	SW846 8260B
Carbon disulfide	ND	5.00	3.94	ug/L	79		SW846 8260B
	ND	5.00	3.66	ug/L	73	7.4	SW846 8260B
Dibromochloromethane	ND	5.00	4.17	ug/L	83		SW846 8260B
	ND	5.00	4.72	ug/L	94	12	SW846 8260B
2-Chlorotoluene	ND	5.00	4.54	ug/L	91		SW846 8260B
	ND	5.00	4.44	ug/L	89	2.2	SW846 8260B
4-Chlorotoluene	ND	5.00	3.99	ug/L	80		SW846 8260B
	ND	5.00	4.79	ug/L	96	18	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.00	3.91	ug/L	78		SW846 8260B
	ND	5.00	4.05	ug/L	81	3.5	SW846 8260B
1,3-Dichloropropane	ND	5.00	4.36	ug/L	87		SW846 8260B
	ND	5.00	5.21	ug/L	104	18	SW846 8260B
2,2-Dichloropropane	ND	5.00	3.95	ug/L	79		SW846 8260B
	ND	5.00	4.15	ug/L	83	5.0	SW846 8260B
1,1-Dichloropropene	ND	5.00	4.11	ug/L	82		SW846 8260B
	ND	5.00	4.45	ug/L	89	7.9	SW846 8260B
Hexachlorobutadiene	ND	5.00	3.90	ug/L	78		SW846 8260B
	ND	5.00	4.05	ug/L	81	3.7	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7G210163 **Work Order #...:** J3C011A7-MS **Matrix.....:** WG
MS Lot-Sample #: D7G210163-011 J3C011A8-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
4-Isopropyltoluene	**ND**	**5.00**	**4.63**	**ug/L**	**93**		**SW846 8260B**
	ND	**5.00**	**4.92**	**ug/L**	**98**	**6.2**	**SW846 8260B**
Methyl tert-butyl ether	**ND**	**10.0**	**7.36**	**ug/L**	**74**		**SW846 8260B**
	ND	**10.0**	**7.46**	**ug/L**	**75**	**1.4**	**SW846 8260B**
1,2,3-Trichlorobenzene	**ND**	**5.00**	**4.04**	**ug/L**	**81**		**SW846 8260B**
	ND	**5.00**	**4.66**	**ug/L**	**93**	**14**	**SW846 8260B**
m-Xylene & p-Xylene	**ND**	**10.0**	**10.1**	**ug/L**	**101**		**SW846 8260B**
	ND	**10.0**	**12.2**	**ug/L**	**122 a**	**19**	**SW846 8260B**
o-Xylene	**ND**	**5.00**	**5.25**	**ug/L**	**105**		**SW846 8260B**
	ND	**5.00**	**5.60**	**ug/L**	**112**	**6.6**	**SW846 8260B**
Bromobenzene	**ND**	**5.00**	**4.45**	**ug/L**	**89**		**SW846 8260B**
	ND	**5.00**	**5.11**	**ug/L**	**102**	**14**	**SW846 8260B**
Bromochloromethane	**ND**	**5.00**	**4.05**	**ug/L**	**81**		**SW846 8260B**
	ND	**5.00**	**4.15**	**ug/L**	**83**	**2.6**	**SW846 8260B**
Naphthalene	**ND**	**5.00**	**3.33**	**ug/L**	**67**		**SW846 8260B**
	ND	**5.00**	**3.85**	**ug/L**	**77**	**15**	**SW846 8260B**
Vinyl acetate	**ND**	**5.00**	**4.05**	**ug/L**	**81**		**SW846 8260B**
	ND	**5.00**	**4.55**	**ug/L**	**91**	**12**	**SW846 8260B**
2-Pentanone	**ND**	**10.0**	**8.58**	**ug/L**	**86**		**SW846 8260B**
	ND	**10.0**	**8.39**	**ug/L**	**84**	**2.2**	**SW846 8260B**
2-Chloroethyl vinyl ether	**ND**	**5.00**	**0.0**	**ug/L**	**0.0 a**		**SW846 8260B**
	ND	**5.00**	**0.0**	**ug/L**	**0.0 a**	**0.0**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	114	(77 - 119)
	106	(77 - 119)
1,2-Dichloroethane-d4	100	(70 - 127)
	96	(70 - 127)
4-Bromofluorobenzene	109	(78 - 118)
	115	(78 - 118)
Toluene-d8	115	(83 - 125)
	117	(83 - 125)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: D7G210163 **Work Order #...:** J3DP11AA **Matrix.....:** WATER
MB Lot-Sample #: D7G230000-177

Prep Date.....: 07/23/07 **Analysis Time..:** 17:29
Analysis Date..: 08/01/07 **Prep Batch #...:** 7204177
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acenaphthene	ND	10	ug/L	SW846 8270C
Acenaphthylene	ND	10	ug/L	SW846 8270C
Acetophenone	ND	10	ug/L	SW846 8270C
Anthracene	ND	10	ug/L	SW846 8270C
Benzo(a)anthracene	ND	10	ug/L	SW846 8270C
Benzo(b)fluoranthene	ND	10	ug/L	SW846 8270C
Benzo(k)fluoranthene	ND	10	ug/L	SW846 8270C
Benzo(ghi)perylene	ND	10	ug/L	SW846 8270C
Benzo(a)pyrene	ND	10	ug/L	SW846 8270C
bis(2-Chloroethoxy) methane	ND	10	ug/L	SW846 8270C
bis(2-Chloroethyl)-ether	ND	10	ug/L	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	SW846 8270C
4-Bromophenyl phenyl ether	ND	10	ug/L	SW846 8270C
Butyl benzyl phthalate	ND	20	ug/L	SW846 8270C
4-Chloroaniline	ND	20	ug/L	SW846 8270C
4-Chloro-3-methylphenol	ND	20	ug/L	SW846 8270C
2-Chloronaphthalene	ND	10	ug/L	SW846 8270C
2-Chlorophenol	ND	10	ug/L	SW846 8270C
4-Chlorophenyl phenyl ether	ND	10	ug/L	SW846 8270C
Chrysene	ND	10	ug/L	SW846 8270C
Dibenz(a,h)anthracene	ND	10	ug/L	SW846 8270C
Dibenzofuran	ND	10	ug/L	SW846 8270C
Di-n-butyl phthalate	ND	20	ug/L	SW846 8270C
3,3'-Dichlorobenzidine	ND	20	ug/L	SW846 8270C
2,4-Dichlorophenol	ND	10	ug/L	SW846 8270C
Diethyl phthalate	ND	20	ug/L	SW846 8270C
2,4-Dimethylphenol	ND	10	ug/L	SW846 8270C
Dimethyl phthalate	ND	20	ug/L	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	60	ug/L	SW846 8270C
2,4-Dinitrophenol	ND	60	ug/L	SW846 8270C
2,4-Dinitrotoluene	ND	20	ug/L	SW846 8270C
2,6-Dinitrotoluene	ND	20	ug/L	SW846 8270C
Di-n-octyl phthalate	ND	20	ug/L	SW846 8270C
Fluoranthene	ND	20	ug/L	SW846 8270C
Fluorene	ND	10	ug/L	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: D7G210163 **Work Order #...:** J3DP11AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Hexachlorobenzene	ND	10	ug/L	SW846 8270C
Hexachlorocyclopenta-diene	ND	10	ug/L	SW846 8270C
Hexachloroethane	ND	10	ug/L	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	SW846 8270C
2-Methylnaphthalene	ND	10	ug/L	SW846 8270C
2-Methylphenol	ND	10	ug/L	SW846 8270C
Naphthalene	ND	10	ug/L	SW846 8270C
2-Nitroaniline	ND	50	ug/L	SW846 8270C
3-Nitroaniline	ND	50	ug/L	SW846 8270C
4-Nitroaniline	ND	50	ug/L	SW846 8270C
Nitrobenzene	ND	20	ug/L	SW846 8270C
2-Nitrophenol	ND	20	ug/L	SW846 8270C
4-Nitrophenol	ND	50	ug/L	SW846 8270C
N-Nitrosodiphenylamine	ND	10	ug/L	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	20	ug/L	SW846 8270C
Pentachlorophenol	ND	60	ug/L	SW846 8270C
Phenanthrene	ND	10	ug/L	SW846 8270C
Phenol	ND	10	ug/L	SW846 8270C
Pyrene	ND	10	ug/L	SW846 8270C
2,4,5-Trichloro-phenol	ND	20	ug/L	SW846 8270C
2,4,6-Trichloro-phenol	ND	20	ug/L	SW846 8270C
bis(2-Chloroisopropyl) ether	ND	10	ug/L	SW846 8270C
4-Methylphenol	ND	20	ug/L	SW846 8270C
Hexachlorobutadiene	ND	10	ug/L	SW846 8270C
Caprolactam	ND	20	ug/L	SW846 8270C
Atrazine	ND	50	ug/L	SW846 8270C
Carbazole	ND	10	ug/L	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	76	(51 - 120)
Phenol-d5	80	(51 - 120)
Nitrobenzene-d5	74	(48 - 120)
2-Fluorobiphenyl	49	(49 - 120)
2,4,6-Tribromophenol	80	(57 - 120)
Terphenyl-d14	90	(61 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

ND: The analyte was analyzed for, but not detected.

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: D7G210163 **Work Order #...:** J3E9Q1AA **Matrix.....:** SOLID
MB Lot-Sample #: D7G240000-085

Prep Date.....: 07/24/07 **Analysis Time..:** 13:14
Analysis Date..: 07/26/07 **Prep Batch #...:** 7205085
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acenaphthene	ND	330	ug/kg	SW846 8270C
Acenaphthylene	ND	330	ug/kg	SW846 8270C
Acetophenone	ND	330	ug/kg	SW846 8270C
Anthracene	ND	330	ug/kg	SW846 8270C
Benzo(a)anthracene	ND	660	ug/kg	SW846 8270C
Benzo(b)fluoranthene	ND	660	ug/kg	SW846 8270C
Benzo(k)fluoranthene	ND	660	ug/kg	SW846 8270C
Benzo(ghi)perylene	ND	660	ug/kg	SW846 8270C
Benzo(a)pyrene	ND	660	ug/kg	SW846 8270C
bis(2-Chloroethoxy) methane	ND	330	ug/kg	SW846 8270C
bis(2-Chloroethyl)- ether	ND	660	ug/kg	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	660	ug/kg	SW846 8270C
4-Bromophenyl phenyl ether	ND	660	ug/kg	SW846 8270C
Butyl benzyl phthalate	ND	660	ug/kg	SW846 8270C
4-Chloroaniline	ND	1300	ug/kg	SW846 8270C
4-Chloro-3-methylphenol	ND	1300	ug/kg	SW846 8270C
2-Chloronaphthalene	ND	330	ug/kg	SW846 8270C
2-Chlorophenol	ND	660	ug/kg	SW846 8270C
4-Chlorophenyl phenyl ether	ND	660	ug/kg	SW846 8270C
Chrysene	ND	660	ug/kg	SW846 8270C
Dibenz(a,h)anthracene	ND	660	ug/kg	SW846 8270C
Dibenzofuran	ND	660	ug/kg	SW846 8270C
Di-n-butyl phthalate	ND	660	ug/kg	SW846 8270C
3,3'-Dichlorobenzidine	ND	1300	ug/kg	SW846 8270C
2,4-Dichlorophenol	ND	660	ug/kg	SW846 8270C
Diethyl phthalate	ND	660	ug/kg	SW846 8270C
2,4-Dimethylphenol	ND	660	ug/kg	SW846 8270C
Dimethyl phthalate	ND	660	ug/kg	SW846 8270C
4,6-Dinitro- 2-methylphenol	ND	3300	ug/kg	SW846 8270C
2,4-Dinitrophenol	ND	3300	ug/kg	SW846 8270C
2,4-Dinitrotoluene	ND	660	ug/kg	SW846 8270C
2,6-Dinitrotoluene	ND	660	ug/kg	SW846 8270C
Di-n-octyl phthalate	ND	660	ug/kg	SW846 8270C
Fluoranthene	ND	660	ug/kg	SW846 8270C
Fluorene	ND	660	ug/kg	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: D7G210163 **Work Order #...:** J3E9Q1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Hexachlorobenzene	ND	660	ug/kg	SW846 8270C
Hexachlorocyclopenta-diene	ND	660	ug/kg	SW846 8270C
Hexachloroethane	ND	660	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	660	ug/kg	SW846 8270C
2-Methylnaphthalene	ND	660	ug/kg	SW846 8270C
2-Methylphenol	ND	660	ug/kg	SW846 8270C
Naphthalene	ND	660	ug/kg	SW846 8270C
2-Nitroaniline	ND	3300	ug/kg	SW846 8270C
3-Nitroaniline	ND	3300	ug/kg	SW846 8270C
4-Nitroaniline	ND	3300	ug/kg	SW846 8270C
Nitrobenzene	ND	660	ug/kg	SW846 8270C
2-Nitrophenol	ND	660	ug/kg	SW846 8270C
4-Nitrophenol	ND	3300	ug/kg	SW846 8270C
N-Nitrosodiphenylamine	ND	660	ug/kg	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	660	ug/kg	SW846 8270C
Pentachlorophenol	ND	3300	ug/kg	SW846 8270C
Phenanthrene	ND	660	ug/kg	SW846 8270C
Phenol	ND	660	ug/kg	SW846 8270C
Pyrene	ND	660	ug/kg	SW846 8270C
2,4,5-Trichloro-phenol	ND	660	ug/kg	SW846 8270C
2,4,6-Trichloro-phenol	ND	660	ug/kg	SW846 8270C
bis(2-Chloroisopropyl) ether	ND	660	ug/kg	SW846 8270C
4-Methylphenol	ND	660	ug/kg	SW846 8270C
Hexachlorobutadiene	ND	660	ug/kg	SW846 8270C
Caprolactam	ND	1600	ug/kg	SW846 8270C
Atrazine	ND	330	ug/kg	SW846 8270C
Carbazole	ND	330	ug/kg	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	77	(53 - 120)
Phenol-d5	81	(52 - 120)
Nitrobenzene-d5	70	(50 - 120)
2-Fluorobiphenyl	74	(50 - 120)
2,4,6-Tribromophenol	60	(51 - 120)
Terphenyl-d14	92	(55 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

ND: The analyte was analyzed for, but not detected.

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: D7G210163 **Work Order #...:** J3V8J1AA **Matrix.....:** SOLID
MB Lot-Sample #: D7G300000-664

Prep Date.....: 07/30/07 **Analysis Time..:** 19:50
Analysis Date..: 08/02/07 **Prep Batch #...:** 7211664
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acenaphthene	ND	330	ug/kg	SW846 8270C
Acenaphthylene	ND	330	ug/kg	SW846 8270C
Acetophenone	ND	330	ug/kg	SW846 8270C
Anthracene	ND	330	ug/kg	SW846 8270C
Benzo(a)anthracene	ND	660	ug/kg	SW846 8270C
Benzo(b)fluoranthene	ND	660	ug/kg	SW846 8270C
Benzo(k)fluoranthene	ND	660	ug/kg	SW846 8270C
Benzo(ghi)perylene	ND	660	ug/kg	SW846 8270C
Benzo(a)pyrene	ND	660	ug/kg	SW846 8270C
bis(2-Chloroethoxy) methane	ND	330	ug/kg	SW846 8270C
bis(2-Chloroethyl)-ether	ND	660	ug/kg	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	660	ug/kg	SW846 8270C
4-Bromophenyl phenyl ether	ND	660	ug/kg	SW846 8270C
Butyl benzyl phthalate	ND	660	ug/kg	SW846 8270C
4-Chloroaniline	ND	1300	ug/kg	SW846 8270C
4-Chloro-3-methylphenol	ND	1300	ug/kg	SW846 8270C
2-Chloronaphthalene	ND	330	ug/kg	SW846 8270C
2-Chlorophenol	ND	660	ug/kg	SW846 8270C
4-Chlorophenyl phenyl ether	ND	660	ug/kg	SW846 8270C
Chrysene	ND	660	ug/kg	SW846 8270C
Dibenz(a,h)anthracene	ND	660	ug/kg	SW846 8270C
Dibenzofuran	ND	660	ug/kg	SW846 8270C
Di-n-butyl phthalate	ND	660	ug/kg	SW846 8270C
3,3'-Dichlorobenzidine	ND	1300	ug/kg	SW846 8270C
2,4-Dichlorophenol	ND	660	ug/kg	SW846 8270C
Diethyl phthalate	ND	660	ug/kg	SW846 8270C
2,4-Dimethylphenol	ND	660	ug/kg	SW846 8270C
Dimethyl phthalate	ND	660	ug/kg	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	3300	ug/kg	SW846 8270C
2,4-Dinitrophenol	ND	3300	ug/kg	SW846 8270C
2,4-Dinitrotoluene	ND	660	ug/kg	SW846 8270C
2,6-Dinitrotoluene	ND	660	ug/kg	SW846 8270C
Di-n-octyl phthalate	ND	660	ug/kg	SW846 8270C
Fluoranthene	ND	660	ug/kg	SW846 8270C
Fluorene	ND	660	ug/kg	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: D7G210163 **Work Order #...:** J3V8J1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Hexachlorobenzene	ND	660	ug/kg	SW846 8270C
Hexachlorocyclopenta-diene	ND	660	ug/kg	SW846 8270C
Hexachloroethane	ND	660	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	660	ug/kg	SW846 8270C
2-Methylnaphthalene	ND	660	ug/kg	SW846 8270C
2-Methylphenol	ND	660	ug/kg	SW846 8270C
Naphthalene	ND	660	ug/kg	SW846 8270C
2-Nitroaniline	ND	3300	ug/kg	SW846 8270C
3-Nitroaniline	ND	3300	ug/kg	SW846 8270C
4-Nitroaniline	ND	3300	ug/kg	SW846 8270C
Nitrobenzene	ND	660	ug/kg	SW846 8270C
2-Nitrophenol	ND	660	ug/kg	SW846 8270C
4-Nitrophenol	ND	3300	ug/kg	SW846 8270C
N-Nitrosodiphenylamine	ND	660	ug/kg	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	660	ug/kg	SW846 8270C
Pentachlorophenol	ND	3300	ug/kg	SW846 8270C
Phenanthrene	ND	660	ug/kg	SW846 8270C
Phenol	ND	660	ug/kg	SW846 8270C
Pyrene	ND	660	ug/kg	SW846 8270C
2,4,5-Trichloro-phenol	ND	660	ug/kg	SW846 8270C
2,4,6-Trichloro-phenol	ND	660	ug/kg	SW846 8270C
bis(2-Chloroisopropyl) ether	ND	660	ug/kg	SW846 8270C
4-Methylphenol	ND	660	ug/kg	SW846 8270C
Hexachlorobutadiene	ND	660	ug/kg	SW846 8270C
Caprolactam	ND	1600	ug/kg	SW846 8270C
Atrazine	ND	330	ug/kg	SW846 8270C
Carbazole	ND	330	ug/kg	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	66	(53 - 120)
Phenol-d5	68	(52 - 120)
Nitrobenzene-d5	65	(50 - 120)
2-Fluorobiphenyl	64	(50 - 120)
2,4,6-Tribromophenol	68	(51 - 120)
Terphenyl-d14	79	(55 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

ND: The analyte was analyzed for, but not detected.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G210163 **Work Order #...:** J3DP11AC **Matrix.....:** WATER
LCS Lot-Sample#: D7G230000-177
Prep Date.....: 07/23/07 **Analysis Date..:** 07/31/07
Prep Batch #...: 7204177 **Analysis Time..:** 13:58
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Acenaphthene	65	(53 - 120)	SW846 8270C
1,2,4-Trichloro-benzene	55	(43 - 120)	SW846 8270C
Acenaphthylene	66	(54 - 120)	SW846 8270C
1,3-Dichlorobenzene	52	(38 - 120)	SW846 8270C
Anthracene	85	(56 - 120)	SW846 8270C
Benzo(a)anthracene	87	(54 - 120)	SW846 8270C
Benzo(b)fluoranthene	86	(57 - 120)	SW846 8270C
Benzo(k)fluoranthene	87	(52 - 120)	SW846 8270C
Benzo(ghi)perylene	87	(53 - 120)	SW846 8270C
Benzo(a)pyrene	83	(53 - 120)	SW846 8270C
bis(2-Chloroethoxy) methane	78	(52 - 120)	SW846 8270C
bis(2-Chloroethyl)-ether	68	(49 - 120)	SW846 8270C
bis(2-Ethylhexyl) phthalate	91	(48 - 120)	SW846 8270C
4-Bromophenyl phenyl ether	83	(52 - 120)	SW846 8270C
Butyl benzyl phthalate	90	(55 - 120)	SW846 8270C
4-Chloroaniline	74	(52 - 120)	SW846 8270C
4-Chloro-3-methylphenol	88	(63 - 120)	SW846 8270C
2-Chloronaphthalene	60	(47 - 120)	SW846 8270C
2-Chlorophenol	73	(57 - 120)	SW846 8270C
4-Chlorophenyl phenyl ether	76	(56 - 120)	SW846 8270C
Chrysene	84	(56 - 120)	SW846 8270C
Dibenz(a,h)anthracene	88	(54 - 120)	SW846 8270C
Dibenzofuran	71	(58 - 120)	SW846 8270C
Di-n-butyl phthalate	92	(52 - 120)	SW846 8270C
3,3'-Dichlorobenzidine	62	(29 - 120)	SW846 8270C
2,4-Dichlorophenol	83	(59 - 120)	SW846 8270C
Diethyl phthalate	91	(61 - 120)	SW846 8270C
2,4-Dimethylphenol	64	(41 - 120)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G210163 **Work Order #...:** J3DP11AC **Matrix.....:** WATER
LCS Lot-Sample#: D7G230000-177

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Dimethyl phthalate	89	(61 - 120)	SW846 8270C
4,6-Dinitro-2-methylphenol	90	(37 - 126)	SW846 8270C
2,4-Dinitrophenol	90	(30 - 136)	SW846 8270C
2,4-Dinitrotoluene	95	(51 - 120)	SW846 8270C
2,6-Dinitrotoluene	85	(42 - 125)	SW846 8270C
Di-n-octyl phthalate	92	(47 - 120)	SW846 8270C
Fluoranthene	92	(49 - 120)	SW846 8270C
Fluorene	76	(57 - 120)	SW846 8270C
Hexachlorobenzene	87	(53 - 120)	SW846 8270C
Hexachlorocyclopentadiene	22	(10 - 120)	SW846 8270C
Hexachloroethane	51	(36 - 120)	SW846 8270C
Indeno(1,2,3-cd)pyrene	83	(56 - 120)	SW846 8270C
2-Methylnaphthalene	59	(54 - 120)	SW846 8270C
2-Methylphenol	76	(50 - 120)	SW846 8270C
Naphthalene	57	(46 - 120)	SW846 8270C
2-Nitroaniline	89	(44 - 120)	SW846 8270C
Benzyl alcohol	84	(55 - 120)	SW846 8270C
3-Nitroaniline	90	(49 - 120)	SW846 8270C
4-Nitroaniline	89	(39 - 120)	SW846 8270C
Nitrobenzene	73	(41 - 120)	SW846 8270C
2-Nitrophenol	78	(51 - 120)	SW846 8270C
4-Nitrophenol	89	(49 - 124)	SW846 8270C
N-Nitrosodiphenylamine	68	(58 - 120)	SW846 8270C
N-Nitrosodi-n-propylamine	82	(46 - 120)	SW846 8270C
Pentachlorophenol	95	(52 - 120)	SW846 8270C
Phenanthrene	83	(57 - 120)	SW846 8270C
Benzoic acid	81	(16 - 120)	SW846 8270C
Phenol	77	(52 - 120)	SW846 8270C
Pyrene	85	(56 - 120)	SW846 8270C
2,4,5-Trichlorophenol	86	(60 - 120)	SW846 8270C
2,4,6-Trichlorophenol	82	(52 - 120)	SW846 8270C
bis(2-Chloroisopropyl) ether	66	(37 - 120)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G210163 **Work Order #...:** J3DP11AC **Matrix.....:** WATER
LCS Lot-Sample#: D7G230000-177

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
4-Methylphenol	**79**	**(54 - 120)**	**SW846 8270C**
Hexachlorobutadiene	**53**	**(40 - 120)**	**SW846 8270C**
Carbazole	**89**	**(48 - 120)**	**SW846 8270C**
Isophorone	**86**	**(51 - 120)**	**SW846 8270C**
Pyridine	**62**	**(24 - 120)**	**SW846 8270C**
3-Methylphenol & 4-Methylphenol	**79**	**(54 - 120)**	**SW846 8270C**
N-Nitrosodimethylamine	**72**	**(44 - 120)**	**SW846 8270C**
1,2-Dichlorobenzene	**54**	**(40 - 120)**	**SW846 8270C**
1,4-Dichlorobenzene	**51**	**(38 - 120)**	**SW846 8270C**
Aniline	**44**	**(10 - 120)**	**SW846 8270C**
1,2-Diphenylhydrazine (as Azobenzene)	**80**	**(55 - 120)**	**SW846 8270C**
1-Methylnaphthalene	**58**	**(52 - 120)**	**SW846 8270C**
1,4-Dioxane	**71**	**(43 - 120)**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	71	(51 - 120)
Phenol-d5	76	(51 - 120)
Nitrobenzene-d5	74	(48 - 120)
2-Fluorobiphenyl	66	(49 - 120)
2,4,6-Tribromophenol	91	(57 - 120)
Terphenyl-d14	86	(61 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G210163 Work Order #...: J3DP11AC Matrix.....: WATER
LCS Lot-Sample#: D7G230000-177
Prep Date.....: 07/23/07 Analysis Date..: 07/31/07
Prep Batch #...: 7204177 Analysis Time..: 13:58
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Acenaphthene	100	65.3	ug/L	65	SW846 8270C
1,2,4-Trichloro-benzene	100	54.5	ug/L	55	SW846 8270C
Acenaphthylene	100	65.6	ug/L	66	SW846 8270C
1,3-Dichlorobenzene	100	52.0	ug/L	52	SW846 8270C
Anthracene	100	85.2	ug/L	85	SW846 8270C
Benzo(a)anthracene	100	86.9	ug/L	87	SW846 8270C
Benzo(b)fluoranthene	100	86.5	ug/L	86	SW846 8270C
Benzo(k)fluoranthene	100	86.5	ug/L	87	SW846 8270C
Benzo(ghi)perylene	100	87.4	ug/L	87	SW846 8270C
Benzo(a)pyrene	100	83.0	ug/L	83	SW846 8270C
bis(2-Chloroethoxy) methane	100	78.2	ug/L	78	SW846 8270C
bis(2-Chloroethyl)-ether	100	68.2	ug/L	68	SW846 8270C
bis(2-Ethylhexyl) phthalate	100	90.9	ug/L	91	SW846 8270C
4-Bromophenyl phenyl ether	100	83.1	ug/L	83	SW846 8270C
Butyl benzyl phthalate	100	89.7	ug/L	90	SW846 8270C
4-Chloroaniline	100	73.7	ug/L	74	SW846 8270C
4-Chloro-3-methylphenol	100	87.7	ug/L	88	SW846 8270C
2-Chloronaphthalene	100	60.0	ug/L	60	SW846 8270C
2-Chlorophenol	100	73.3	ug/L	73	SW846 8270C
4-Chlorophenyl phenyl ether	100	76.0	ug/L	76	SW846 8270C
Chrysene	100	84.4	ug/L	84	SW846 8270C
Dibenz(a,h)anthracene	100	87.9	ug/L	88	SW846 8270C
Dibenzofuran	100	70.9	ug/L	71	SW846 8270C
Di-n-butyl phthalate	100	92.0	ug/L	92	SW846 8270C
3,3'-Dichlorobenzidine	100	62.5	ug/L	62	SW846 8270C
2,4-Dichlorophenol	100	83.0	ug/L	83	SW846 8270C
Diethyl phthalate	100	90.8	ug/L	91	SW846 8270C
2,4-Dimethylphenol	100	64.3	ug/L	64	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G210163 Work Order #...: J3DP11AC Matrix.....: WATER
LCS Lot-Sample#: D7G230000-177

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Dimethyl phthalate	100	89.1	ug/L	89	SW846 8270C
4,6-Dinitro-2-methylphenol	100	89.7	ug/L	90	SW846 8270C
2,4-Dinitrophenol	100	90.3	ug/L	90	SW846 8270C
2,4-Dinitrotoluene	100	94.8	ug/L	95	SW846 8270C
2,6-Dinitrotoluene	100	85.4	ug/L	85	SW846 8270C
Di-n-octyl phthalate	100	92.1	ug/L	92	SW846 8270C
Fluoranthene	100	92.5	ug/L	92	SW846 8270C
Fluorene	100	75.6	ug/L	76	SW846 8270C
Hexachlorobenzene	100	87.4	ug/L	87	SW846 8270C
Hexachlorocyclopentadiene	100	22.5	ug/L	22	SW846 8270C
Hexachloroethane	100	51.0	ug/L	51	SW846 8270C
Indeno(1,2,3-cd)pyrene	100	83.4	ug/L	83	SW846 8270C
2-Methylnaphthalene	100	59.1	ug/L	59	SW846 8270C
2-Methylphenol	100	76.5	ug/L	76	SW846 8270C
Naphthalene	100	56.8	ug/L	57	SW846 8270C
2-Nitroaniline	100	89.1	ug/L	89	SW846 8270C
Benzyl alcohol	100	84.4	ug/L	84	SW846 8270C
3-Nitroaniline	100	89.9	ug/L	90	SW846 8270C
4-Nitroaniline	100	88.8	ug/L	89	SW846 8270C
Nitrobenzene	100	73.3	ug/L	73	SW846 8270C
2-Nitrophenol	100	77.9	ug/L	78	SW846 8270C
4-Nitrophenol	100	89.2	ug/L	89	SW846 8270C
N-Nitrosodiphenylamine	100	68.4	ug/L	68	SW846 8270C
N-Nitrosodi-n-propylamine	100	81.6	ug/L	82	SW846 8270C
Pentachlorophenol	100	94.8	ug/L	95	SW846 8270C
Phenanthrene	100	83.1	ug/L	83	SW846 8270C
Benzoic acid	100	81.2	ug/L	81	SW846 8270C
Phenol	100	77.5	ug/L	77	SW846 8270C
Pyrene	100	85.1	ug/L	85	SW846 8270C
2,4,5-Trichlorophenol	100	86.0	ug/L	86	SW846 8270C
2,4,6-Trichlorophenol	100	82.1	ug/L	82	SW846 8270C
bis(2-Chloroisopropyl) ether	100	65.6	ug/L	66	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G210163 **Work Order #...:** J3DP11AC **Matrix.....:** WATER
LCS Lot-Sample#: D7G230000-177

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
4-Methylphenol	**100**	**78.8**	**ug/L**	**79**	**SW846 8270C**
Hexachlorobutadiene	**100**	**53.0**	**ug/L**	**53**	**SW846 8270C**
Carbazole	**100**	**89.3**	**ug/L**	**89**	**SW846 8270C**
Isophorone	**100**	**86.1**	**ug/L**	**86**	**SW846 8270C**
Pyridine	**100**	**62.0**	**ug/L**	**62**	**SW846 8270C**
3-Methylphenol & 4-Methylphenol	**100**	**78.8**	**ug/L**	**79**	**SW846 8270C**
N-Nitrosodimethylamine	**100**	**71.9**	**ug/L**	**72**	**SW846 8270C**
1,2-Dichlorobenzene	**100**	**53.7**	**ug/L**	**54**	**SW846 8270C**
1,4-Dichlorobenzene	**100**	**51.4**	**ug/L**	**51**	**SW846 8270C**
Aniline	**100**	**43.9**	**ug/L**	**44**	**SW846 8270C**
1,2-Diphenylhydrazine (as Azobenzene)	**100**	**80.0**	**ug/L**	**80**	**SW846 8270C**
1-Methylnaphthalene	**100**	**58.5**	**ug/L**	**58**	**SW846 8270C**
1,4-Dioxane	**100**	**71.3**	**ug/L**	**71**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	71	(51 - 120)
Phenol-d5	76	(51 - 120)
Nitrobenzene-d5	74	(48 - 120)
2-Fluorobiphenyl	66	(49 - 120)
2,4,6-Tribromophenol	91	(57 - 120)
Terphenyl-d14	86	(61 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G210163 **Work Order #...:** J3E9Q1AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7G240000-085
Prep Date.....: 07/24/07 **Analysis Date..:** 07/26/07
Prep Batch #...: 7205085 **Analysis Time..:** 12:07
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Acenaphthene	79	(52 - 120)	SW846 8270C
1,2,4-Trichloro-benzene	74	(50 - 120)	SW846 8270C
Acenaphthylene	81	(53 - 120)	SW846 8270C
1,3-Dichlorobenzene	74	(46 - 120)	SW846 8270C
Anthracene	86	(57 - 120)	SW846 8270C
Benzo(a)anthracene	84	(55 - 120)	SW846 8270C
Benzo(b)fluoranthene	84	(52 - 120)	SW846 8270C
Benzo(k)fluoranthene	88	(54 - 120)	SW846 8270C
Benzo(ghi)perylene	89	(50 - 120)	SW846 8270C
Benzo(a)pyrene	85	(54 - 120)	SW846 8270C
bis(2-Chloroethoxy) methane	84	(49 - 120)	SW846 8270C
bis(2-Chloroethyl)-ether	77	(48 - 120)	SW846 8270C
bis(2-Ethylhexyl) phthalate	90	(51 - 120)	SW846 8270C
4-Bromophenyl phenyl ether	83	(53 - 120)	SW846 8270C
Butyl benzyl phthalate	80	(49 - 120)	SW846 8270C
4-Chloroaniline	63	(28 - 120)	SW846 8270C
4-Chloro-3-methylphenol	78	(57 - 120)	SW846 8270C
2-Chloronaphthalene	82	(53 - 120)	SW846 8270C
2-Chlorophenol	80	(53 - 120)	SW846 8270C
4-Chlorophenyl phenyl ether	81	(55 - 120)	SW846 8270C
Chrysene	84	(55 - 120)	SW846 8270C
Dibenz(a,h)anthracene	86	(55 - 120)	SW846 8270C
Dibenzofuran	82	(56 - 120)	SW846 8270C
Di-n-butyl phthalate	85	(57 - 120)	SW846 8270C
3,3'-Dichlorobenzidine	68	(34 - 120)	SW846 8270C
2,4-Dichlorophenol	80	(53 - 120)	SW846 8270C
Diethyl phthalate	81	(57 - 120)	SW846 8270C
2,4-Dimethylphenol	67	(53 - 120)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G210163 **Work Order #...:** J3E9Q1AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7G240000-085

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Dimethyl phthalate	83	(57 - 120)	SW846 8270C
4,6-Dinitro-2-methylphenol	63	(30 - 120)	SW846 8270C
2,4-Dinitrophenol	40	(15 - 120)	SW846 8270C
2,4-Dinitrotoluene	89	(53 - 120)	SW846 8270C
2,6-Dinitrotoluene	82	(53 - 120)	SW846 8270C
Di-n-octyl phthalate	87	(54 - 120)	SW846 8270C
Fluoranthene	88	(55 - 120)	SW846 8270C
Fluorene	81	(55 - 120)	SW846 8270C
Hexachlorobenzene	83	(51 - 120)	SW846 8270C
Hexachlorocyclopentadiene	66	(35 - 120)	SW846 8270C
Hexachloroethane	66	(46 - 120)	SW846 8270C
Indeno(1,2,3-cd)pyrene	83	(54 - 120)	SW846 8270C
2-Methylnaphthalene	79	(55 - 120)	SW846 8270C
2-Methylphenol	82	(51 - 120)	SW846 8270C
Naphthalene	76	(50 - 120)	SW846 8270C
2-Nitroaniline	77	(50 - 120)	SW846 8270C
Benzyl alcohol	79	(52 - 120)	SW846 8270C
3-Nitroaniline	79	(35 - 120)	SW846 8270C
4-Nitroaniline	83	(44 - 120)	SW846 8270C
Nitrobenzene	74	(49 - 120)	SW846 8270C
2-Nitrophenol	76	(53 - 120)	SW846 8270C
4-Nitrophenol	57	(41 - 120)	SW846 8270C
N-Nitrosodiphenylamine	70	(55 - 120)	SW846 8270C
N-Nitrosodi-n-propylamine	85	(51 - 120)	SW846 8270C
Pentachlorophenol	77	(30 - 120)	SW846 8270C
Phenanthrene	83	(58 - 120)	SW846 8270C
Benzoic acid	47	(10 - 120)	SW846 8270C
Phenol	85	(54 - 120)	SW846 8270C
Pyrene	91	(50 - 120)	SW846 8270C
2,4,5-Trichlorophenol	79	(56 - 120)	SW846 8270C
2,4,6-Trichlorophenol	79	(50 - 120)	SW846 8270C
bis(2-Chloroisopropyl) ether	91	(47 - 120)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G210163 **Work Order #...:** J3E9Q1AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7G240000-085

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
4-Methylphenol	**85**	**(53 - 120)**	**SW846 8270C**
Hexachlorobutadiene	**66**	**(48 - 120)**	**SW846 8270C**
Carbazole	**90**	**(54 - 120)**	**SW846 8270C**
Isophorone	**86**	**(46 - 120)**	**SW846 8270C**
Pyridine	**62**	**(23 - 120)**	**SW846 8270C**
3-Methylphenol & 4-Methylphenol	**85**	**(53 - 120)**	**SW846 8270C**
N-Nitrosodimethylamine	**84**	**(41 - 120)**	**SW846 8270C**
1,2-Dichlorobenzene	**74**	**(48 - 120)**	**SW846 8270C**
1,4-Dichlorobenzene	**72**	**(46 - 120)**	**SW846 8270C**
Aniline	**41**	**(17 - 120)**	**SW846 8270C**
1,2-Diphenylhydrazine (as Azobenzene)	**73**	**(54 - 120)**	**SW846 8270C**
1-Methylnaphthalene	**78**	**(52 - 120)**	**SW846 8270C**
1,4-Dioxane	**48**	**(21 - 120)**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	78	(53 - 120)
Phenol-d5	84	(52 - 120)
Nitrobenzene-d5	71	(50 - 120)
2-Fluorobiphenyl	78	(50 - 120)
2,4,6-Tribromophenol	80	(51 - 120)
Terphenyl-d14	91	(55 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G210163 Work Order #...: J3E9Q1AC Matrix.....: SOLID
LCS Lot-Sample#: D7G240000-085
Prep Date.....: 07/24/07 Analysis Date..: 07/26/07
Prep Batch #...: 7205085 Analysis Time..: 12:07
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Acenaphthene	3290	2600	ug/kg	79	SW846 8270C
1,2,4-Trichloro-benzene	3290	2450	ug/kg	74	SW846 8270C
Acenaphthylene	3290	2680	ug/kg	81	SW846 8270C
1,3-Dichlorobenzene	3290	2420	ug/kg	74	SW846 8270C
Anthracene	3290	2830	ug/kg	86	SW846 8270C
Benzo(a)anthracene	3290	2770	ug/kg	84	SW846 8270C
Benzo(b)fluoranthene	3290	2750	ug/kg	84	SW846 8270C
Benzo(k)fluoranthene	3290	2890	ug/kg	88	SW846 8270C
Benzo(ghi)perylene	3290	2930	ug/kg	89	SW846 8270C
Benzo(a)pyrene	3290	2790	ug/kg	85	SW846 8270C
bis(2-Chloroethoxy) methane	3290	2760	ug/kg	84	SW846 8270C
bis(2-Chloroethyl)-ether	3290	2540	ug/kg	77	SW846 8270C
bis(2-Ethylhexyl) phthalate	3290	2960	ug/kg	90	SW846 8270C
4-Bromophenyl phenyl ether	3290	2740	ug/kg	83	SW846 8270C
Butyl benzyl phthalate	3290	2620	ug/kg	80	SW846 8270C
4-Chloroaniline	3290	2060	ug/kg	63	SW846 8270C
4-Chloro-3-methylphenol	3290	2550	ug/kg	78	SW846 8270C
2-Chloronaphthalene	3290	2690	ug/kg	82	SW846 8270C
2-Chlorophenol	3290	2630	ug/kg	80	SW846 8270C
4-Chlorophenyl phenyl ether	3290	2670	ug/kg	81	SW846 8270C
Chrysene	3290	2750	ug/kg	84	SW846 8270C
Dibenz(a,h)anthracene	3290	2850	ug/kg	86	SW846 8270C
Dibenzofuran	3290	2680	ug/kg	82	SW846 8270C
Di-n-butyl phthalate	3290	2800	ug/kg	85	SW846 8270C
3,3'-Dichlorobenzidine	3290	2250	ug/kg	68	SW846 8270C
2,4-Dichlorophenol	3290	2650	ug/kg	80	SW846 8270C
Diethyl phthalate	3290	2680	ug/kg	81	SW846 8270C
2,4-Dimethylphenol	3290	2190	ug/kg	67	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G210163 **Work Order #...:** J3E9Q1AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7G240000-085

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Dimethyl phthalate	3290	2730	ug/kg	83	SW846 8270C
4,6-Dinitro-2-methylphenol	3290	2070	ug/kg	63	SW846 8270C
2,4-Dinitrophenol	3290	1320	ug/kg	40	SW846 8270C
2,4-Dinitrotoluene	3290	2930	ug/kg	89	SW846 8270C
2,6-Dinitrotoluene	3290	2680	ug/kg	82	SW846 8270C
Di-n-octyl phthalate	3290	2850	ug/kg	87	SW846 8270C
Fluoranthene	3290	2910	ug/kg	88	SW846 8270C
Fluorene	3290	2660	ug/kg	81	SW846 8270C
Hexachlorobenzene	3290	2740	ug/kg	83	SW846 8270C
Hexachlorocyclopentadiene	3290	2160	ug/kg	66	SW846 8270C
Hexachloroethane	3290	2170	ug/kg	66	SW846 8270C
Indeno(1,2,3-cd)pyrene	3290	2720	ug/kg	83	SW846 8270C
2-Methylnaphthalene	3290	2610	ug/kg	79	SW846 8270C
2-Methylphenol	3290	2690	ug/kg	82	SW846 8270C
Naphthalene	3290	2490	ug/kg	76	SW846 8270C
2-Nitroaniline	3290	2530	ug/kg	77	SW846 8270C
Benzyl alcohol	3290	2600	ug/kg	79	SW846 8270C
3-Nitroaniline	3290	2610	ug/kg	79	SW846 8270C
4-Nitroaniline	3290	2720	ug/kg	83	SW846 8270C
Nitrobenzene	3290	2440	ug/kg	74	SW846 8270C
2-Nitrophenol	3290	2490	ug/kg	76	SW846 8270C
4-Nitrophenol	3290	1890	ug/kg	57	SW846 8270C
N-Nitrosodiphenylamine	3290	2310	ug/kg	70	SW846 8270C
N-Nitrosodi-n-propylamine	3290	2790	ug/kg	85	SW846 8270C
Pentachlorophenol	3290	2540	ug/kg	77	SW846 8270C
Phenanthrene	3290	2750	ug/kg	83	SW846 8270C
Benzoic acid	3290	1550	ug/kg	47	SW846 8270C
Phenol	3290	2810	ug/kg	85	SW846 8270C
Pyrene	3290	3010	ug/kg	91	SW846 8270C
2,4,5-Trichlorophenol	3290	2600	ug/kg	79	SW846 8270C
2,4,6-Trichlorophenol	3290	2610	ug/kg	79	SW846 8270C
bis(2-Chloroisopropyl) ether	3290	2980	ug/kg	91	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G210163 **Work Order #...:** J3E9Q1AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7G240000-085

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
4-Methylphenol	**3290**	**2800**	**ug/kg**	**85**	**SW846 8270C**
Hexachlorobutadiene	**3290**	**2170**	**ug/kg**	**66**	**SW846 8270C**
Carbazole	**3290**	**2970**	**ug/kg**	**90**	**SW846 8270C**
Isophorone	**3290**	**2810**	**ug/kg**	**86**	**SW846 8270C**
Pyridine	**3290**	**2030**	**ug/kg**	**62**	**SW846 8270C**
3-Methylphenol & 4-Methylphenol	**3290**	**2800**	**ug/kg**	**85**	**SW846 8270C**
N-Nitrosodimethylamine	**3290**	**2750**	**ug/kg**	**84**	**SW846 8270C**
1,2-Dichlorobenzene	**3290**	**2440**	**ug/kg**	**74**	**SW846 8270C**
1,4-Dichlorobenzene	**3290**	**2370**	**ug/kg**	**72**	**SW846 8270C**
Aniline	**3290**	**1350**	**ug/kg**	**41**	**SW846 8270C**
1,2-Diphenylhydrazine (as Azobenzene)	**3290**	**2420**	**ug/kg**	**73**	**SW846 8270C**
1-Methylnaphthalene	**3290**	**2560**	**ug/kg**	**78**	**SW846 8270C**
1,4-Dioxane	**3290**	**1570**	**ug/kg**	**48**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	78	(53 - 120)
Phenol-d5	84	(52 - 120)
Nitrobenzene-d5	71	(50 - 120)
2-Fluorobiphenyl	78	(50 - 120)
2,4,6-Tribromophenol	80	(51 - 120)
Terphenyl-d14	91	(55 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G210163 Work Order #...: J3V8J1AC Matrix.....: SOLID
LCS Lot-Sample#: D7G300000-664
Prep Date.....: 07/30/07 Analysis Date..: 08/02/07
Prep Batch #...: 7211664 Analysis Time..: 20:10
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Acenaphthene	75	(52 - 120)	SW846 8270C
1,2,4-Trichloro-benzene	74	(50 - 120)	SW846 8270C
Acenaphthylene	76	(53 - 120)	SW846 8270C
1,3-Dichlorobenzene	70	(46 - 120)	SW846 8270C
Anthracene	79	(57 - 120)	SW846 8270C
Benzo(a)anthracene	79	(55 - 120)	SW846 8270C
Benzo(b)fluoranthene	84	(52 - 120)	SW846 8270C
Benzo(k)fluoranthene	75	(54 - 120)	SW846 8270C
Benzo(ghi)perylene	80	(50 - 120)	SW846 8270C
Benzo(a)pyrene	78	(54 - 120)	SW846 8270C
bis(2-Chloroethoxy) methane	72	(49 - 120)	SW846 8270C
bis(2-Chloroethyl)-ether	70	(48 - 120)	SW846 8270C
bis(2-Ethylhexyl) phthalate	82	(51 - 120)	SW846 8270C
4-Bromophenyl phenyl ether	81	(53 - 120)	SW846 8270C
Butyl benzyl phthalate	79	(49 - 120)	SW846 8270C
4-Chloroaniline	57	(28 - 120)	SW846 8270C
4-Chloro-3-methylphenol	81	(57 - 120)	SW846 8270C
2-Chloronaphthalene	75	(53 - 120)	SW846 8270C
2-Chlorophenol	74	(53 - 120)	SW846 8270C
4-Chlorophenyl phenyl ether	80	(55 - 120)	SW846 8270C
Chrysene	80	(55 - 120)	SW846 8270C
Dibenz(a,h)anthracene	84	(55 - 120)	SW846 8270C
Dibenzofuran	78	(56 - 120)	SW846 8270C
Di-n-butyl phthalate	82	(57 - 120)	SW846 8270C
3,3'-Dichlorobenzidine	72	(34 - 120)	SW846 8270C
2,4-Dichlorophenol	78	(53 - 120)	SW846 8270C
Diethyl phthalate	82	(57 - 120)	SW846 8270C
2,4-Dimethylphenol	66	(53 - 120)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G210163 Work Order #...: J3V8J1AC Matrix.....: SOLID
LCS Lot-Sample#: D7G300000-664

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Dimethyl phthalate	82	(57 - 120)	SW846 8270C
4,6-Dinitro-2-methylphenol	69	(30 - 120)	SW846 8270C
2,4-Dinitrophenol	61	(15 - 120)	SW846 8270C
2,4-Dinitrotoluene	83	(53 - 120)	SW846 8270C
2,6-Dinitrotoluene	77	(53 - 120)	SW846 8270C
Di-n-octyl phthalate	85	(54 - 120)	SW846 8270C
Fluoranthene	81	(55 - 120)	SW846 8270C
Fluorene	77	(55 - 120)	SW846 8270C
Hexachlorobenzene	83	(51 - 120)	SW846 8270C
Hexachlorocyclopentadiene	70	(35 - 120)	SW846 8270C
Hexachloroethane	69	(46 - 120)	SW846 8270C
Indeno(1,2,3-cd)pyrene	79	(54 - 120)	SW846 8270C
2-Methylnaphthalene	74	(55 - 120)	SW846 8270C
2-Methylphenol	72	(51 - 120)	SW846 8270C
Naphthalene	72	(50 - 120)	SW846 8270C
2-Nitroaniline	82	(50 - 120)	SW846 8270C
Benzyl alcohol	79	(52 - 120)	SW846 8270C
3-Nitroaniline	73	(35 - 120)	SW846 8270C
4-Nitroaniline	78	(44 - 120)	SW846 8270C
Nitrobenzene	74	(49 - 120)	SW846 8270C
2-Nitrophenol	76	(53 - 120)	SW846 8270C
4-Nitrophenol	80	(41 - 120)	SW846 8270C
N-Nitrosodiphenylamine	66	(55 - 120)	SW846 8270C
N-Nitrosodi-n-propylamine	75	(51 - 120)	SW846 8270C
Pentachlorophenol	53	(30 - 120)	SW846 8270C
Phenanthrene	78	(58 - 120)	SW846 8270C
Benzoic acid	67	(10 - 120)	SW846 8270C
Phenol	74	(54 - 120)	SW846 8270C
Pyrene	78	(50 - 120)	SW846 8270C
2,4,5-Trichlorophenol	80	(56 - 120)	SW846 8270C
2,4,6-Trichlorophenol	79	(50 - 120)	SW846 8270C
bis(2-Chloroisopropyl) ether	71	(47 - 120)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G210163 **Work Order #...:** J3V8J1AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7G300000-664

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
4-Methylphenol	**76**	**(53 - 120)**	**SW846 8270C**
Hexachlorobutadiene	**76**	**(48 - 120)**	**SW846 8270C**
Carbazole	**80**	**(54 - 120)**	**SW846 8270C**
Isophorone	**76**	**(46 - 120)**	**SW846 8270C**
Pyridine	**42**	**(23 - 120)**	**SW846 8270C**
3-Methylphenol & 4-Methylphenol	**76**	**(53 - 120)**	**SW846 8270C**
N-Nitrosodimethylamine	**64**	**(41 - 120)**	**SW846 8270C**
1,2-Dichlorobenzene	**72**	**(48 - 120)**	**SW846 8270C**
1,4-Dichlorobenzene	**69**	**(46 - 120)**	**SW846 8270C**
Aniline	**32**	**(17 - 120)**	**SW846 8270C**
1,2-Diphenylhydrazine (as Azobenzene)	**78**	**(54 - 120)**	**SW846 8270C**
1-Methylnaphthalene	**74**	**(52 - 120)**	**SW846 8270C**
1,4-Dioxane	**37**	**(21 - 120)**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	74	(53 - 120)
Phenol-d5	76	(52 - 120)
Nitrobenzene-d5	74	(50 - 120)
2-Fluorobiphenyl	75	(50 - 120)
2,4,6-Tribromophenol	90	(51 - 120)
Terphenyl-d14	82	(55 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G210163 Work Order #...: J3V8J1AC Matrix.....: SOLID
LCS Lot-Sample#: D7G300000-664
Prep Date.....: 07/30/07 Analysis Date..: 08/02/07
Prep Batch #...: 7211664 Analysis Time..: 20:10
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Acenaphthene	3240	2430	ug/kg	75	SW846 8270C
1,2,4-Trichloro-benzene	3240	2390	ug/kg	74	SW846 8270C
Acenaphthylene	3240	2470	ug/kg	76	SW846 8270C
1,3-Dichlorobenzene	3240	2260	ug/kg	70	SW846 8270C
Anthracene	3240	2560	ug/kg	79	SW846 8270C
Benzo(a)anthracene	3240	2560	ug/kg	79	SW846 8270C
Benzo(b)fluoranthene	3240	2730	ug/kg	84	SW846 8270C
Benzo(k)fluoranthene	3240	2440	ug/kg	75	SW846 8270C
Benzo(ghi)perylene	3240	2600	ug/kg	80	SW846 8270C
Benzo(a)pyrene	3240	2520	ug/kg	78	SW846 8270C
bis(2-Chloroethoxy) methane	3240	2330	ug/kg	72	SW846 8270C
bis(2-Chloroethyl)-ether	3240	2260	ug/kg	70	SW846 8270C
bis(2-Ethylhexyl) phthalate	3240	2660	ug/kg	82	SW846 8270C
4-Bromophenyl phenyl ether	3240	2630	ug/kg	81	SW846 8270C
Butyl benzyl phthalate	3240	2570	ug/kg	79	SW846 8270C
4-Chloroaniline	3240	1850	ug/kg	57	SW846 8270C
4-Chloro-3-methylphenol	3240	2630	ug/kg	81	SW846 8270C
2-Chloronaphthalene	3240	2430	ug/kg	75	SW846 8270C
2-Chlorophenol	3240	2380	ug/kg	74	SW846 8270C
4-Chlorophenyl phenyl ether	3240	2610	ug/kg	80	SW846 8270C
Chrysene	3240	2570	ug/kg	80	SW846 8270C
Dibenz(a,h)anthracene	3240	2710	ug/kg	84	SW846 8270C
Dibenzofuran	3240	2530	ug/kg	78	SW846 8270C
Di-n-butyl phthalate	3240	2660	ug/kg	82	SW846 8270C
3,3'-Dichlorobenzidine	3240	2340	ug/kg	72	SW846 8270C
2,4-Dichlorophenol	3240	2520	ug/kg	78	SW846 8270C
Diethyl phthalate	3240	2670	ug/kg	82	SW846 8270C
2,4-Dimethylphenol	3240	2130	ug/kg	66	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G210163 **Work Order #...:** J3V8J1AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7G300000-664

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Dimethyl phthalate	3240	2640	ug/kg	82	SW846 8270C
4,6-Dinitro-2-methylphenol	3240	2230	ug/kg	69	SW846 8270C
2,4-Dinitrophenol	3240	1980	ug/kg	61	SW846 8270C
2,4-Dinitrotoluene	3240	2690	ug/kg	83	SW846 8270C
2,6-Dinitrotoluene	3240	2480	ug/kg	77	SW846 8270C
Di-n-octyl phthalate	3240	2730	ug/kg	85	SW846 8270C
Fluoranthene	3240	2640	ug/kg	81	SW846 8270C
Fluorene	3240	2500	ug/kg	77	SW846 8270C
Hexachlorobenzene	3240	2690	ug/kg	83	SW846 8270C
Hexachlorocyclopentadiene	3240	2250	ug/kg	70	SW846 8270C
Hexachloroethane	3240	2240	ug/kg	69	SW846 8270C
Indeno(1,2,3-cd)pyrene	3240	2540	ug/kg	79	SW846 8270C
2-Methylnaphthalene	3240	2400	ug/kg	74	SW846 8270C
2-Methylphenol	3240	2330	ug/kg	72	SW846 8270C
Naphthalene	3240	2340	ug/kg	72	SW846 8270C
2-Nitroaniline	3240	2650	ug/kg	82	SW846 8270C
Benzyl alcohol	3240	2540	ug/kg	79	SW846 8270C
3-Nitroaniline	3240	2370	ug/kg	73	SW846 8270C
4-Nitroaniline	3240	2530	ug/kg	78	SW846 8270C
Nitrobenzene	3240	2390	ug/kg	74	SW846 8270C
2-Nitrophenol	3240	2460	ug/kg	76	SW846 8270C
4-Nitrophenol	3240	2590	ug/kg	80	SW846 8270C
N-Nitrosodiphenylamine	3240	2150	ug/kg	66	SW846 8270C
N-Nitrosodi-n-propylamine	3240	2430	ug/kg	75	SW846 8270C
Pentachlorophenol	3240	1730	ug/kg	53	SW846 8270C
Phenanthrene	3240	2530	ug/kg	78	SW846 8270C
Benzoic acid	3240	2170	ug/kg	67	SW846 8270C
Phenol	3240	2410	ug/kg	74	SW846 8270C
Pyrene	3240	2540	ug/kg	78	SW846 8270C
2,4,5-Trichlorophenol	3240	2600	ug/kg	80	SW846 8270C
2,4,6-Trichlorophenol	3240	2570	ug/kg	79	SW846 8270C
bis(2-Chloroisopropyl) ether	3240	2290	ug/kg	71	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G210163 **Work Order #...:** J3V8J1AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7G300000-664

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
4-Methylphenol	**3240**	**2470**	**ug/kg**	**76**	**SW846 8270C**
Hexachlorobutadiene	**3240**	**2470**	**ug/kg**	**76**	**SW846 8270C**
Carbazole	**3240**	**2580**	**ug/kg**	**80**	**SW846 8270C**
Isophorone	**3240**	**2450**	**ug/kg**	**76**	**SW846 8270C**
Pyridine	**3240**	**1360**	**ug/kg**	**42**	**SW846 8270C**
3-Methylphenol & 4-Methylphenol	**3240**	**2470**	**ug/kg**	**76**	**SW846 8270C**
N-Nitrosodimethylamine	**3240**	**2080**	**ug/kg**	**64**	**SW846 8270C**
1,2-Dichlorobenzene	**3240**	**2330**	**ug/kg**	**72**	**SW846 8270C**
1,4-Dichlorobenzene	**3240**	**2230**	**ug/kg**	**69**	**SW846 8270C**
Aniline	**3240**	**1040**	**ug/kg**	**32**	**SW846 8270C**
1,2-Diphenylhydrazine (as Azobenzene)	**3240**	**2520**	**ug/kg**	**78**	**SW846 8270C**
1-Methylnaphthalene	**3240**	**2390**	**ug/kg**	**74**	**SW846 8270C**
1,4-Dioxane	**3240**	**1200**	**ug/kg**	**37**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	74	(53 - 120)
Phenol-d5	76	(52 - 120)
Nitrobenzene-d5	74	(50 - 120)
2-Fluorobiphenyl	75	(50 - 120)
2,4,6-Tribromophenol	90	(51 - 120)
Terphenyl-d14	82	(55 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G210163 **Work Order #...:** J29EF1CE-MS **Matrix.....:** WATER
MS Lot-Sample #: D7G200178-005 J29EF1CF-MSD
Date Sampled...: 07/18/07 16:45 **Date Received..:** 07/20/07
Prep Date.....: 07/23/07 **Analysis Date..:** 07/31/07
Prep Batch #...: 7204177 **Analysis Time..:** 18:02
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acenaphthene	84	(53 - 120)			SW846 8270C
	82	(53 - 120)	2.0	(0-30)	SW846 8270C
1,2,4-Trichloro-benzene	62	(43 - 120)			SW846 8270C
	64	(43 - 120)	3.8	(0-42)	SW846 8270C
Acenaphthylene	84	(54 - 120)			SW846 8270C
	81	(54 - 120)	2.7	(0-30)	SW846 8270C
1,3-Dichlorobenzene	54	(38 - 120)			SW846 8270C
	59	(38 - 120)	9.9	(0-52)	SW846 8270C
Anthracene	88	(56 - 120)			SW846 8270C
	85	(56 - 120)	3.5	(0-30)	SW846 8270C
Benzo(a)anthracene	89	(54 - 120)			SW846 8270C
	89	(54 - 120)	0.05	(0-30)	SW846 8270C
Benzo(b)fluoranthene	92	(57 - 120)			SW846 8270C
	97	(57 - 120)	6.2	(0-38)	SW846 8270C
Benzo(k)fluoranthene	91	(52 - 120)			SW846 8270C
	83	(52 - 120)	8.8	(0-37)	SW846 8270C
Benzo(ghi)perylene	91	(53 - 120)			SW846 8270C
	89	(53 - 120)	2.7	(0-30)	SW846 8270C
Benzo(a)pyrene	85	(53 - 120)			SW846 8270C
	83	(53 - 120)	2.4	(0-30)	SW846 8270C
bis(2-Chloroethoxy) methane	87	(52 - 120)			SW846 8270C
	84	(52 - 120)	3.0	(0-30)	SW846 8270C
bis(2-Chloroethyl)-ether	79	(49 - 120)			SW846 8270C
	80	(49 - 120)	2.0	(0-34)	SW846 8270C
bis(2-Ethylhexyl) phthalate	105	(48 - 120)			SW846 8270C
	100	(48 - 120)	4.3	(0-30)	SW846 8270C
4-Bromophenyl phenyl ether	94	(52 - 120)			SW846 8270C
	94	(52 - 120)	0.19	(0-31)	SW846 8270C
Butyl benzyl phthalate	95	(55 - 120)			SW846 8270C
	94	(55 - 120)	0.91	(0-30)	SW846 8270C

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G210163 **Work Order #...:** J29EF1CE-MS **Matrix.....:** WATER
MS Lot-Sample #: D7G200178-005 J29EF1CF-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
4-Chloroaniline	59	(52 - 120)			SW846 8270C
	55	(52 - 120)	6.2	(0-54)	SW846 8270C
4-Chloro-3-methylphenol	95	(63 - 120)			SW846 8270C
	85	(63 - 120)	10	(0-30)	SW846 8270C
2-Chloronaphthalene	82	(47 - 120)			SW846 8270C
	83	(47 - 120)	1.6	(0-30)	SW846 8270C
2-Chlorophenol	83	(57 - 120)			SW846 8270C
	81	(57 - 120)	3.3	(0-30)	SW846 8270C
4-Chlorophenyl phenyl ether	92	(56 - 120)			SW846 8270C
	86	(56 - 120)	6.5	(0-30)	SW846 8270C
Chrysene	88	(56 - 120)			SW846 8270C
	89	(56 - 120)	1.7	(0-30)	SW846 8270C
Dibenz(a,h)anthracene	91	(54 - 120)			SW846 8270C
	89	(54 - 120)	1.9	(0-30)	SW846 8270C
Dibenzofuran	90	(58 - 120)			SW846 8270C
	85	(58 - 120)	4.9	(0-30)	SW846 8270C
Di-n-butyl phthalate	97	(52 - 120)			SW846 8270C
	93	(52 - 120)	4.4	(0-30)	SW846 8270C
3,3'-Dichlorobenzidine	8.4 a	(29 - 120)			SW846 8270C
	6.0 a,p	(29 - 120)	34	(0-30)	SW846 8270C
2,4-Dichlorophenol	91	(59 - 120)			SW846 8270C
	87	(59 - 120)	3.6	(0-30)	SW846 8270C
Diethyl phthalate	97	(61 - 120)			SW846 8270C
	90	(61 - 120)	7.7	(0-30)	SW846 8270C
2,4-Dimethylphenol	52	(41 - 120)			SW846 8270C
	49	(41 - 120)	4.8	(0-30)	SW846 8270C
Dimethyl phthalate	96	(61 - 120)			SW846 8270C
	91	(61 - 120)	5.4	(0-30)	SW846 8270C
4,6-Dinitro-2-methylphenol	95	(37 - 126)			SW846 8270C
	82	(37 - 126)	14	(0-37)	SW846 8270C
2,4-Dinitrophenol	99	(30 - 136)			SW846 8270C
	83	(30 - 136)	17	(0-49)	SW846 8270C
2,4-Dinitrotoluene	102	(51 - 120)			SW846 8270C
	93	(51 - 120)	9.3	(0-32)	SW846 8270C
2,6-Dinitrotoluene	93	(42 - 125)			SW846 8270C
	87	(42 - 125)	6.8	(0-30)	SW846 8270C
Di-n-octyl phthalate	99	(47 - 120)			SW846 8270C
	99	(47 - 120)	0.47	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G210163 **Work Order #...:** J29EF1CE-MS **Matrix.....:** WATER
MS Lot-Sample #: D7G200178-005 J29EF1CF-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Fluoranthene	96	(49 - 120)			SW846 8270C
	91	(49 - 120)	4.7	(0-34)	SW846 8270C
Fluorene	90	(57 - 120)			SW846 8270C
	84	(57 - 120)	6.6	(0-30)	SW846 8270C
Hexachlorobenzene	94	(53 - 120)			SW846 8270C
	94	(53 - 120)	0.64	(0-30)	SW846 8270C
Hexachlorocyclopentadiene	4.6 a	(10 - 120)			SW846 8270C
	7.2 a	(10 - 120)	43	(0-72)	SW846 8270C
Hexachloroethane	51	(36 - 120)			SW846 8270C
	57	(36 - 120)	12	(0-57)	SW846 8270C
Indeno(1,2,3-cd)pyrene	87	(56 - 120)			SW846 8270C
	85	(56 - 120)	2.7	(0-30)	SW846 8270C
2-Methylnaphthalene	73	(54 - 120)			SW846 8270C
	72	(54 - 120)	2.0	(0-32)	SW846 8270C
2-Methylphenol	83	(50 - 120)			SW846 8270C
	80	(50 - 120)	4.2	(0-30)	SW846 8270C
Naphthalene	64	(46 - 120)			SW846 8270C
	66	(46 - 120)	3.0	(0-34)	SW846 8270C
2-Nitroaniline	69	(44 - 120)			SW846 8270C
	61	(44 - 120)	12	(0-30)	SW846 8270C
Benzyl alcohol	98	(55 - 120)			SW846 8270C
	93	(55 - 120)	4.1	(0-30)	SW846 8270C
3-Nitroaniline	43 a	(49 - 120)			SW846 8270C
	34 a	(49 - 120)	23	(0-35)	SW846 8270C
4-Nitroaniline	14 a	(39 - 120)			SW846 8270C
	9.0 a,p	(39 - 120)	44	(0-34)	SW846 8270C
Nitrobenzene	166 a	(41 - 120)			SW846 8270C
	166 a	(41 - 120)	0.11	(0-30)	SW846 8270C
2-Nitrophenol	92	(51 - 120)			SW846 8270C
	88	(51 - 120)	3.7	(0-30)	SW846 8270C
4-Nitrophenol	104	(49 - 124)			SW846 8270C
	91	(49 - 124)	12	(0-35)	SW846 8270C
N-Nitrosodiphenylamine	65	(58 - 120)			SW846 8270C
	56 a	(58 - 120)	15	(0-37)	SW846 8270C
N-Nitrosodi-n-propylamine	90	(46 - 120)			SW846 8270C
	88	(46 - 120)	2.4	(0-30)	SW846 8270C
Pentachlorophenol	100	(52 - 120)			SW846 8270C
	92	(52 - 120)	7.9	(0-33)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G210163 **Work Order #...:** J29EF1CE-MS **Matrix.....:** WATER
MS Lot-Sample #: D7G200178-005 J29EF1CF-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Phenanthrene	90	(57 - 120)			SW846 8270C
	90	(57 - 120)	0.03	(0-30)	SW846 8270C
Benzoic acid	120	(16 - 120)			SW846 8270C
	110	(16 - 120)	9.2	(0-72)	SW846 8270C
Phenol	92	(52 - 120)			SW846 8270C
	88	(52 - 120)	3.7	(0-42)	SW846 8270C
Pyrene	88	(56 - 120)			SW846 8270C
	90	(56 - 120)	2.8	(0-30)	SW846 8270C
2,4,5-Trichloro-phenol	98	(60 - 120)			SW846 8270C
	95	(60 - 120)	2.6	(0-30)	SW846 8270C
2,4,6-Trichloro-phenol	96	(52 - 120)			SW846 8270C
	94	(52 - 120)	1.7	(0-30)	SW846 8270C
bis(2-Chloroisopropyl) ether	80	(37 - 120)			SW846 8270C
	79	(37 - 120)	0.79	(0-30)	SW846 8270C
4-Methylphenol	85	(54 - 120)			SW846 8270C
	81	(54 - 120)	4.1	(0-30)	SW846 8270C
Hexachlorobutadiene	59	(40 - 120)			SW846 8270C
	62	(40 - 120)	5.5	(0-47)	SW846 8270C
Carbazole	91	(48 - 120)			SW846 8270C
	91	(48 - 120)	0.49	(0-30)	SW846 8270C
Isophorone	95	(51 - 120)			SW846 8270C
	92	(51 - 120)	3.0	(0-30)	SW846 8270C
Pyridine	66	(24 - 120)			SW846 8270C
	67	(24 - 120)	2.0	(0-38)	SW846 8270C
3-Methylphenol & 4-Methylphenol	85	(54 - 120)			SW846 8270C
	81	(54 - 120)	4.1	(0-30)	SW846 8270C
N-Nitrosodimethylamine	76	(44 - 120)			SW846 8270C
	76	(44 - 120)	0.41	(0-43)	SW846 8270C
1,2-Dichlorobenzene	85	(40 - 120)			SW846 8270C
	90	(40 - 120)	5.9	(0-49)	SW846 8270C
1,4-Dichlorobenzene	53	(38 - 120)			SW846 8270C
	59	(38 - 120)	11	(0-52)	SW846 8270C
Aniline	32	(10 - 120)			SW846 8270C
	31	(10 - 120)	2.1	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G210163 **Work Order #...:** J29EF1CE-MS **Matrix.....:** WATER
MS Lot-Sample #: D7G200178-005 J29EF1CF-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2-Diphenylhydrazine (as Azobenzene)	**92**	**(55 - 120)**			**SW846 8270C**
	88	**(55 - 120)**	**4.7**	**(0-30)**	**SW846 8270C**
1-Methylnaphthalene	**74**	**(52 - 120)**			**SW846 8270C**
	72	**(52 - 120)**	**2.1**	**(0-30)**	**SW846 8270C**
1,4-Dioxane	**66**	**(43 - 120)**			**SW846 8270C**
	65	**(43 - 120)**	**1.2**	**(0-39)**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	74	(51 - 120)
	74	(51 - 120)
Phenol-d5	85	(51 - 120)
	83	(51 - 120)
Nitrobenzene-d5	84	(48 - 120)
	81	(48 - 120)
2-Fluorobiphenyl	75	(49 - 120)
	80	(49 - 120)
2,4,6-Tribromophenol	98	(57 - 120)
	95	(57 - 120)
Terphenyl-d14	88	(61 - 120)
	90	(61 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

p Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G210163 **Work Order #...:** J29EF1CE-MS **Matrix.....:** WATER
MS Lot-Sample #: D7G200178-005 J29EF1CF-MSD
Date Sampled...: 07/18/07 16:45 **Date Received..:** 07/20/07
Prep Date.....: 07/23/07 **Analysis Date..:** 07/31/07
Prep Batch #...: 7204177 **Analysis Time..:** 18:02
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Acenaphthene	ND	96.0	80.9	ug/L	84		SW846 8270C
	ND	96.2	79.3	ug/L	82	2.0	SW846 8270C
1,2,4-Trichloro-benzene	ND	96.0	59.2	ug/L	62		SW846 8270C
	ND	96.2	61.5	ug/L	64	3.8	SW846 8270C
Acenaphthylene	ND	96.0	80.4	ug/L	84		SW846 8270C
	ND	96.2	78.3	ug/L	81	2.7	SW846 8270C
1,3-Dichlorobenzene	ND	96.0	51.6	ug/L	54		SW846 8270C
	ND	96.2	56.9	ug/L	59	9.9	SW846 8270C
Anthracene	ND	96.0	84.3	ug/L	88		SW846 8270C
	ND	96.2	81.4	ug/L	85	3.5	SW846 8270C
Benzo(a)anthracene	ND	96.0	85.1	ug/L	89		SW846 8270C
	ND	96.2	85.1	ug/L	89	0.05	SW846 8270C
Benzo(b)fluoranthene	ND	96.0	87.9	ug/L	92		SW846 8270C
	ND	96.2	93.5	ug/L	97	6.2	SW846 8270C
Benzo(k)fluoranthene	ND	96.0	86.9	ug/L	91		SW846 8270C
	ND	96.2	79.5	ug/L	83	8.8	SW846 8270C
Benzo(ghi)perylene	ND	96.0	87.6	ug/L	91		SW846 8270C
	ND	96.2	85.2	ug/L	89	2.7	SW846 8270C
Benzo(a)pyrene	ND	96.0	82.0	ug/L	85		SW846 8270C
	ND	96.2	80.1	ug/L	83	2.4	SW846 8270C
bis(2-Chloroethoxy) methane	ND	96.0	83.4	ug/L	87		SW846 8270C
	ND	96.2	81.0	ug/L	84	3.0	SW846 8270C
bis(2-Chloroethyl)-ether	ND	96.0	75.5	ug/L	79		SW846 8270C
	ND	96.2	77.0	ug/L	80	2.0	SW846 8270C
bis(2-Ethylhexyl) phthalate	1.3	96.0	102	ug/L	105		SW846 8270C
	1.3	96.2	97.8	ug/L	100	4.3	SW846 8270C
4-Bromophenyl phenyl ether	ND	96.0	89.8	ug/L	94		SW846 8270C
	ND	96.2	90.0	ug/L	94	0.19	SW846 8270C
Butyl benzyl phthalate	ND	96.0	90.9	ug/L	95		SW846 8270C
	ND	96.2	90.0	ug/L	94	0.91	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G210163 **Work Order #...:** J29EF1CE-MS **Matrix.....:** WATER
MS Lot-Sample #: D7G200178-005 J29EF1CF-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
4-Chloroaniline	ND	96.0	56.4	ug/L	59		SW846 8270C
	ND	96.2	53.0	ug/L	55	6.2	SW846 8270C
4-Chloro-3-methylphenol	ND	96.0	91.1	ug/L	95		SW846 8270C
	ND	96.2	82.1	ug/L	85	10	SW846 8270C
2-Chloronaphthalene	ND	96.0	78.3	ug/L	82		SW846 8270C
	ND	96.2	79.5	ug/L	83	1.6	SW846 8270C
2-Chlorophenol	ND	96.0	80.1	ug/L	83		SW846 8270C
	ND	96.2	77.5	ug/L	81	3.3	SW846 8270C
4-Chlorophenyl phenyl ether	ND	96.0	87.9	ug/L	92		SW846 8270C
	ND	96.2	82.4	ug/L	86	6.5	SW846 8270C
Chrysene	ND	96.0	84.1	ug/L	88		SW846 8270C
	ND	96.2	85.6	ug/L	89	1.7	SW846 8270C
Dibenz(a,h)anthracene	ND	96.0	87.7	ug/L	91		SW846 8270C
	ND	96.2	86.0	ug/L	89	1.9	SW846 8270C
Dibenzofuran	ND	96.0	86.1	ug/L	90		SW846 8270C
	ND	96.2	82.0	ug/L	85	4.9	SW846 8270C
Di-n-butyl phthalate	ND	96.0	93.4	ug/L	97		SW846 8270C
	ND	96.2	89.4	ug/L	93	4.4	SW846 8270C
3,3'-Dichlorobenzidine	ND	96.0	8.10	ug/L	8.4 a		SW846 8270C
	ND	96.2	5.73	ug/L	6.0	34	SW846 8270C
	Qualifiers:	a,p					
2,4-Dichlorophenol	ND	96.0	87.1	ug/L	91		SW846 8270C
	ND	96.2	84.0	ug/L	87	3.6	SW846 8270C
Diethyl phthalate	ND	96.0	93.5	ug/L	97		SW846 8270C
	ND	96.2	86.6	ug/L	90	7.7	SW846 8270C
2,4-Dimethylphenol	ND	96.0	49.5	ug/L	52		SW846 8270C
	ND	96.2	47.2	ug/L	49	4.8	SW846 8270C
Dimethyl phthalate	ND	96.0	92.4	ug/L	96		SW846 8270C
	ND	96.2	87.5	ug/L	91	5.4	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	96.0	91.4	ug/L	95		SW846 8270C
	ND	96.2	79.2	ug/L	82	14	SW846 8270C
2,4-Dinitrophenol	ND	96.0	95.2	ug/L	99		SW846 8270C
	ND	96.2	80.1	ug/L	83	17	SW846 8270C
2,4-Dinitrotoluene	ND	96.0	97.7	ug/L	102		SW846 8270C
	ND	96.2	89.0	ug/L	93	9.3	SW846 8270C
2,6-Dinitrotoluene	ND	96.0	89.1	ug/L	93		SW846 8270C
	ND	96.2	83.3	ug/L	87	6.8	SW846 8270C
Di-n-octyl phthalate	ND	96.0	95.4	ug/L	99		SW846 8270C
	ND	96.2	95.0	ug/L	99	0.47	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G210163 **Work Order #...:** J29EF1CE-MS **Matrix.....:** WATER
MS Lot-Sample #: D7G200178-005 J29EF1CF-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Fluoranthene	ND	96.0	91.8	ug/L	96		SW846 8270C
	ND	96.2	87.6	ug/L	91	4.7	SW846 8270C
Fluorene	ND	96.0	86.2	ug/L	90		SW846 8270C
	ND	96.2	80.7	ug/L	84	6.6	SW846 8270C
Hexachlorobenzene	ND	96.0	90.0	ug/L	94		SW846 8270C
	ND	96.2	90.6	ug/L	94	0.64	SW846 8270C
Hexachlorocyclopenta-diene	ND	96.0	4.46	ug/L	4.6 a		SW846 8270C
	ND	96.2	6.89	ug/L	7.2 a	43	SW846 8270C
Hexachloroethane	ND	96.0	48.8	ug/L	51		SW846 8270C
	ND	96.2	54.8	ug/L	57	12	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	96.0	83.7	ug/L	87		SW846 8270C
	ND	96.2	81.5	ug/L	85	2.7	SW846 8270C
2-Methylnaphthalene	ND	96.0	70.4	ug/L	73		SW846 8270C
	ND	96.2	69.0	ug/L	72	2.0	SW846 8270C
2-Methylphenol	ND	96.0	79.7	ug/L	83		SW846 8270C
	ND	96.2	76.5	ug/L	80	4.2	SW846 8270C
Naphthalene	ND	96.0	61.9	ug/L	64		SW846 8270C
	ND	96.2	63.8	ug/L	66	3.0	SW846 8270C
2-Nitroaniline	ND	96.0	66.4	ug/L	69		SW846 8270C
	ND	96.2	59.1	ug/L	61	12	SW846 8270C
Benzyl alcohol	ND	96.0	93.7	ug/L	98		SW846 8270C
	ND	96.2	89.9	ug/L	93	4.1	SW846 8270C
3-Nitroaniline	ND	96.0	41.4	ug/L	43 a		SW846 8270C
	ND	96.2	32.8	ug/L	34 a	23	SW846 8270C
4-Nitroaniline	ND	96.0	13.6	ug/L	14 a		SW846 8270C
	ND	96.2	8.63	ug/L	9.0	44	SW846 8270C
	Qualifiers: a,p						
Nitrobenzene	ND	96.0	159	ug/L	166 a		SW846 8270C
	ND	96.2	159	ug/L	166 a	0.11	SW846 8270C
2-Nitrophenol	ND	96.0	88.0	ug/L	92		SW846 8270C
	ND	96.2	84.8	ug/L	88	3.7	SW846 8270C
4-Nitrophenol	ND	96.0	99.6	ug/L	104		SW846 8270C
	ND	96.2	88.0	ug/L	91	12	SW846 8270C
N-Nitrosodiphenylamine	ND	96.0	62.7	ug/L	65		SW846 8270C
	ND	96.2	54.1	ug/L	56 a	15	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	96.0	86.3	ug/L	90		SW846 8270C
	ND	96.2	84.2	ug/L	88	2.4	SW846 8270C
Pentachlorophenol	ND	96.0	95.9	ug/L	100		SW846 8270C
	ND	96.2	88.6	ug/L	92	7.9	SW846 8270C

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G210163 **Work Order #...:** J29EF1CE-MS **Matrix.....:** WATER
MS Lot-Sample #: D7G200178-005 J29EF1CF-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Phenanthrene	ND	96.0	86.1	ug/L	90		SW846 8270C
	ND	96.2	86.1	ug/L	90	0.03	SW846 8270C
Benzoic acid	ND	96.0	116	ug/L	120		SW846 8270C
	ND	96.2	105	ug/L	110	9.2	SW846 8270C
Phenol	ND	96.0	88.2	ug/L	92		SW846 8270C
	ND	96.2	85.0	ug/L	88	3.7	SW846 8270C
Pyrene	ND	96.0	84.5	ug/L	88		SW846 8270C
	ND	96.2	86.9	ug/L	90	2.8	SW846 8270C
2,4,5-Trichloro-phenol	ND	96.0	93.7	ug/L	98		SW846 8270C
	ND	96.2	91.4	ug/L	95	2.6	SW846 8270C
2,4,6-Trichloro-phenol	ND	96.0	92.2	ug/L	96		SW846 8270C
	ND	96.2	90.6	ug/L	94	1.7	SW846 8270C
bis(2-Chloroisopropyl) ether	ND	96.0	76.3	ug/L	80		SW846 8270C
	ND	96.2	75.7	ug/L	79	0.79	SW846 8270C
4-Methylphenol	ND	96.0	81.5	ug/L	85		SW846 8270C
	ND	96.2	78.2	ug/L	81	4.1	SW846 8270C
Hexachlorobutadiene	ND	96.0	56.5	ug/L	59		SW846 8270C
	ND	96.2	59.7	ug/L	62	5.5	SW846 8270C
Carbazole	ND	96.0	87.0	ug/L	91		SW846 8270C
	ND	96.2	87.5	ug/L	91	0.49	SW846 8270C
Isophorone	ND	96.0	90.8	ug/L	95		SW846 8270C
	ND	96.2	88.2	ug/L	92	3.0	SW846 8270C
Pyridine	ND	96.0	63.3	ug/L	66		SW846 8270C
	ND	96.2	64.6	ug/L	67	2.0	SW846 8270C
3-Methylphenol & 4-Methylphenol	ND	96.0	81.5	ug/L	85		SW846 8270C
	ND	96.2	78.2	ug/L	81	4.1	SW846 8270C
N-Nitrosodimethylamine	ND	96.0	72.9	ug/L	76		SW846 8270C
	ND	96.2	73.2	ug/L	76	0.41	SW846 8270C
1,2-Dichlorobenzene	ND	96.0	81.2	ug/L	85		SW846 8270C
	ND	96.2	86.1	ug/L	90	5.9	SW846 8270C
1,4-Dichlorobenzene	ND	96.0	51.0	ug/L	53		SW846 8270C
	ND	96.2	56.7	ug/L	59	11	SW846 8270C
Aniline	ND	96.0	30.3	ug/L	32		SW846 8270C
	ND	96.2	29.6	ug/L	31	2.1	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G210163 **Work Order #...:** J29EF1CE-MS J29EF1CF-MSD **Matrix.....:** WATER
MS Lot-Sample #: D7G200178-005

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,2-Diphenylhydrazine (as Azobenzene)	**ND**	**96.0**	**88.7**	**ug/L**	**92**		**SW846 8270C**
	ND	**96.2**	**84.6**	**ug/L**	**88**	**4.7**	**SW846 8270C**
1-Methylnaphthalene	**ND**	**96.0**	**70.6**	**ug/L**	**74**		**SW846 8270C**
	ND	**96.2**	**69.1**	**ug/L**	**72**	**2.1**	**SW846 8270C**
1,4-Dioxane	**ND**	**96.0**	**63.7**	**ug/L**	**66**		**SW846 8270C**
	ND	**96.2**	**63.0**	**ug/L**	**65**	**1.2**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	74	(51 - 120)
	74	(51 - 120)
Phenol-d5	85	(51 - 120)
	83	(51 - 120)
Nitrobenzene-d5	84	(48 - 120)
	81	(48 - 120)
2-Fluorobiphenyl	75	(49 - 120)
	80	(49 - 120)
2,4,6-Tribromophenol	98	(57 - 120)
	95	(57 - 120)
Terphenyl-d14	88	(61 - 120)
	90	(61 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

p Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G210163 **Work Order #...:** J3C191DP-MS **Matrix.....:** SO
MS Lot-Sample #: D7G210163-023 J3C191DQ-MSD
Date Sampled...: 07/20/07 12:00 **Date Received..:** 07/21/07
Prep Date.....: 07/24/07 **Analysis Date..:** 07/26/07
Prep Batch #...: 7205085 **Analysis Time..:** 17:25
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acenaphthene	76	(52 - 120)			SW846 8270C
	80	(52 - 120)	5.7	(0-30)	SW846 8270C
1,2,4-Trichloro-benzene	66	(50 - 120)			SW846 8270C
	76	(50 - 120)	15	(0-30)	SW846 8270C
Acenaphthylene	78	(53 - 120)			SW846 8270C
	81	(53 - 120)	4.6	(0-30)	SW846 8270C
1,3-Dichlorobenzene	60	(46 - 120)			SW846 8270C
	72	(46 - 120)	19	(0-32)	SW846 8270C
Anthracene	85	(57 - 120)			SW846 8270C
	83	(57 - 120)	2.1	(0-30)	SW846 8270C
Benzo(a)anthracene	81	(55 - 120)			SW846 8270C
	84	(55 - 120)	3.9	(0-30)	SW846 8270C
Benzo(b)fluoranthene	84	(52 - 120)			SW846 8270C
	87	(52 - 120)	4.6	(0-44)	SW846 8270C
Benzo(k)fluoranthene	81	(54 - 120)			SW846 8270C
	81	(54 - 120)	1.0	(0-30)	SW846 8270C
Benzo(ghi)perylene	86	(50 - 120)			SW846 8270C
	87	(50 - 120)	1.2	(0-31)	SW846 8270C
Benzo(a)pyrene	82	(54 - 120)			SW846 8270C
	81	(54 - 120)	1.4	(0-30)	SW846 8270C
bis(2-Chloroethoxy) methane	74	(49 - 120)			SW846 8270C
	81	(49 - 120)	11	(0-30)	SW846 8270C
bis(2-Chloroethyl)-ether	67	(48 - 120)			SW846 8270C
	77	(48 - 120)	15	(0-30)	SW846 8270C
bis(2-Ethylhexyl) phthalate	85	(51 - 120)			SW846 8270C
	88	(51 - 120)	3.5	(0-30)	SW846 8270C
4-Bromophenyl phenyl ether	84	(53 - 120)			SW846 8270C
	83	(53 - 120)	0.43	(0-30)	SW846 8270C
Butyl benzyl phthalate	75	(49 - 120)			SW846 8270C
	78	(49 - 120)	4.6	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G210163 **Work Order #...:** J3C191DP-MS **Matrix.....:** SO
MS Lot-Sample #: D7G210163-023 J3C191DQ-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
4-Chloroaniline	63	(28 - 120)			SW846 8270C
	67	(28 - 120)	6.1	(0-30)	SW846 8270C
4-Chloro-3-methylphenol	73	(57 - 120)			SW846 8270C
	76	(57 - 120)	4.2	(0-30)	SW846 8270C
2-Chloronaphthalene	77	(53 - 120)			SW846 8270C
	82	(53 - 120)	6.6	(0-30)	SW846 8270C
2-Chlorophenol	71	(53 - 120)			SW846 8270C
	78	(53 - 120)	10	(0-30)	SW846 8270C
4-Chlorophenyl phenyl ether	81	(55 - 120)			SW846 8270C
	80	(55 - 120)	0.01	(0-30)	SW846 8270C
Chrysene	83	(55 - 120)			SW846 8270C
	84	(55 - 120)	1.8	(0-35)	SW846 8270C
Dibenz(a,h)anthracene	85	(55 - 120)			SW846 8270C
	85	(55 - 120)	0.35	(0-30)	SW846 8270C
Dibenzofuran	79	(56 - 120)			SW846 8270C
	80	(56 - 120)	2.0	(0-30)	SW846 8270C
Di-n-butyl phthalate	84	(57 - 120)			SW846 8270C
	83	(57 - 120)	1.5	(0-30)	SW846 8270C
3,3'-Dichlorobenzidine	70	(34 - 120)			SW846 8270C
	69	(34 - 120)	1.0	(0-30)	SW846 8270C
2,4-Dichlorophenol	73	(53 - 120)			SW846 8270C
	79	(53 - 120)	8.0	(0-30)	SW846 8270C
Diethyl phthalate	80	(57 - 120)			SW846 8270C
	79	(57 - 120)	0.60	(0-30)	SW846 8270C
2,4-Dimethylphenol	63	(53 - 120)			SW846 8270C
	69	(53 - 120)	8.9	(0-30)	SW846 8270C
Dimethyl phthalate	80	(57 - 120)			SW846 8270C
	81	(57 - 120)	1.5	(0-30)	SW846 8270C
4,6-Dinitro-2-methylphenol	65	(30 - 120)			SW846 8270C
	56	(30 - 120)	14	(0-30)	SW846 8270C
2,4-Dinitrophenol	43	(15 - 120)			SW846 8270C
	31	(15 - 120)	33	(0-34)	SW846 8270C
2,4-Dinitrotoluene	85	(53 - 120)			SW846 8270C
	85	(53 - 120)	1.4	(0-30)	SW846 8270C
2,6-Dinitrotoluene	78	(53 - 120)			SW846 8270C
	79	(53 - 120)	1.9	(0-30)	SW846 8270C
Di-n-octyl phthalate	83	(54 - 120)			SW846 8270C
	85	(54 - 120)	2.2	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G210163 **Work Order #...:** J3C191DP-MS **Matrix.....:** SO
MS Lot-Sample #: D7G210163-023 J3C191DQ-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Fluoranthene	88	(55 - 120)			SW846 8270C
	87	(55 - 120)	0.06	(0-30)	SW846 8270C
Fluorene	79	(55 - 120)			SW846 8270C
	80	(55 - 120)	1.5	(0-30)	SW846 8270C
Hexachlorobenzene	84	(51 - 120)			SW846 8270C
	85	(51 - 120)	1.1	(0-30)	SW846 8270C
Hexachlorocyclopenta-diene	62	(35 - 120)			SW846 8270C
	70	(35 - 120)	13	(0-30)	SW846 8270C
Hexachloroethane	55	(46 - 120)			SW846 8270C
	65	(46 - 120)	16	(0-30)	SW846 8270C
Indeno(1,2,3-cd)pyrene	82	(54 - 120)			SW846 8270C
	81	(54 - 120)	0.18	(0-30)	SW846 8270C
2-Methylnaphthalene	74	(55 - 120)			SW846 8270C
	79	(55 - 120)	6.6	(0-30)	SW846 8270C
2-Methylphenol	74	(51 - 120)			SW846 8270C
	80	(51 - 120)	9.0	(0-30)	SW846 8270C
Naphthalene	68	(50 - 120)			SW846 8270C
	76	(50 - 120)	12	(0-30)	SW846 8270C
2-Nitroaniline	78	(50 - 120)			SW846 8270C
	76	(50 - 120)	1.2	(0-30)	SW846 8270C
Benzyl alcohol	71	(52 - 120)			SW846 8270C
	80	(52 - 120)	13	(0-30)	SW846 8270C
3-Nitroaniline	80	(35 - 120)			SW846 8270C
	78	(35 - 120)	1.6	(0-30)	SW846 8270C
4-Nitroaniline	79	(44 - 120)			SW846 8270C
	79	(44 - 120)	0.13	(0-30)	SW846 8270C
Nitrobenzene	67	(49 - 120)			SW846 8270C
	73	(49 - 120)	9.8	(0-30)	SW846 8270C
2-Nitrophenol	68	(53 - 120)			SW846 8270C
	76	(53 - 120)	12	(0-30)	SW846 8270C
4-Nitrophenol	57	(41 - 120)			SW846 8270C
	55	(41 - 120)	2.7	(0-30)	SW846 8270C
N-Nitrosodiphenylamine	67	(55 - 120)			SW846 8270C
	67	(55 - 120)	0.39	(0-36)	SW846 8270C
N-Nitrosodi-n-propyl-amine	75	(51 - 120)			SW846 8270C
	84	(51 - 120)	11	(0-30)	SW846 8270C
Pentachlorophenol	69	(30 - 120)			SW846 8270C
	69	(30 - 120)	0.26	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G210163 **Work Order #...:** J3C191DP-MS **Matrix.....:** SO
MS Lot-Sample #: D7G210163-023 J3C191DQ-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Phenanthrene	82	(58 - 120)			SW846 8270C
	82	(58 - 120)	0.50	(0-30)	SW846 8270C
Benzoic acid	41	(10 - 120)			SW846 8270C
	44	(10 - 120)	8.1	(0-32)	SW846 8270C
Phenol	75	(54 - 120)			SW846 8270C
	83	(54 - 120)	11	(0-30)	SW846 8270C
Pyrene	87	(50 - 120)			SW846 8270C
	88	(50 - 120)	1.6	(0-38)	SW846 8270C
2,4,5-Trichloro-phenol	73	(56 - 120)			SW846 8270C
	74	(56 - 120)	1.4	(0-30)	SW846 8270C
2,4,6-Trichloro-phenol	75	(50 - 120)			SW846 8270C
	77	(50 - 120)	2.3	(0-30)	SW846 8270C
bis(2-Chloroisopropyl) ether	77	(47 - 120)			SW846 8270C
	87	(47 - 120)	12	(0-30)	SW846 8270C
4-Methylphenol	79	(53 - 120)			SW846 8270C
	84	(53 - 120)	6.1	(0-30)	SW846 8270C
Hexachlorobutadiene	61	(48 - 120)			SW846 8270C
	68	(48 - 120)	12	(0-30)	SW846 8270C
Carbazole	88	(54 - 120)			SW846 8270C
	87	(54 - 120)	0.21	(0-30)	SW846 8270C
Isophorone	78	(46 - 120)			SW846 8270C
	86	(46 - 120)	11	(0-30)	SW846 8270C
Pyridine	50	(23 - 120)			SW846 8270C
	60	(23 - 120)	18	(0-30)	SW846 8270C
3-Methylphenol & 4-Methylphenol	79	(53 - 120)			SW846 8270C
	84	(53 - 120)	6.1	(0-30)	SW846 8270C
N-Nitrosodimethylamine	67	(41 - 120)			SW846 8270C
	81	(41 - 120)	19	(0-30)	SW846 8270C
1,2-Dichlorobenzene	62	(48 - 120)			SW846 8270C
	74	(48 - 120)	17	(0-30)	SW846 8270C
1,4-Dichlorobenzene	60	(46 - 120)			SW846 8270C
	70	(46 - 120)	16	(0-30)	SW846 8270C
Aniline	39	(17 - 120)			SW846 8270C
	43	(17 - 120)	11	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G210163 **Work Order #...:** J3C191DP-MS **Matrix.....:** SO
MS Lot-Sample #: D7G210163-023 J3C191DQ-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2-Diphenylhydrazine (as Azobenzene)	**72**	**(54 - 120)**			**SW846 8270C**
	70	**(54 - 120)**	**1.6**	**(0-30)**	**SW846 8270C**
1-Methylnaphthalene	**72**	**(52 - 120)**			**SW846 8270C**
	79	**(52 - 120)**	**10**	**(0-30)**	**SW846 8270C**
1,4-Dioxane	**37**	**(21 - 120)**			**SW846 8270C**
	43	**(21 - 120)**	**15**	**(0-30)**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	68	(53 - 120)
	76	(53 - 120)
Phenol-d5	76	(52 - 120)
	83	(52 - 120)
Nitrobenzene-d5	63	(50 - 120)
	71	(50 - 120)
2-Fluorobiphenyl	74	(50 - 120)
	78	(50 - 120)
2,4,6-Tribromophenol	79	(51 - 120)
	80	(51 - 120)
Terphenyl-d14	87	(55 - 120)
	87	(55 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G210163 **Work Order #...:** J3C191DP-MS **Matrix.....:** SO
MS Lot-Sample #: D7G210163-023 J3C191DQ-MSD
Date Sampled...: 07/20/07 12:00 **Date Received..:** 07/21/07
Prep Date.....: 07/24/07 **Analysis Date..:** 07/26/07
Prep Batch #...: 7205085 **Analysis Time..:** 17:25
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Acenaphthene	ND	4060	3080	ug/kg	76		SW846 8270C
	ND	4090	3270	ug/kg	80	5.7	SW846 8270C
1,2,4-Trichloro-benzene	ND	4060	2690	ug/kg	66		SW846 8270C
	ND	4090	3110	ug/kg	76	15	SW846 8270C
Acenaphthylene	ND	4060	3180	ug/kg	78		SW846 8270C
	ND	4090	3330	ug/kg	81	4.6	SW846 8270C
1,3-Dichlorobenzene	ND	4060	2420	ug/kg	60		SW846 8270C
	ND	4090	2940	ug/kg	72	19	SW846 8270C
Anthracene	ND	4060	3450	ug/kg	85		SW846 8270C
	ND	4090	3380	ug/kg	83	2.1	SW846 8270C
Benzo(a)anthracene	ND	4060	3310	ug/kg	81		SW846 8270C
	ND	4090	3440	ug/kg	84	3.9	SW846 8270C
Benzo(b)fluoranthene	ND	4060	3410	ug/kg	84		SW846 8270C
	ND	4090	3570	ug/kg	87	4.6	SW846 8270C
Benzo(k)fluoranthene	ND	4060	3290	ug/kg	81		SW846 8270C
	ND	4090	3320	ug/kg	81	1.0	SW846 8270C
Benzo(ghi)perylene	ND	4060	3510	ug/kg	86		SW846 8270C
	ND	4090	3550	ug/kg	87	1.2	SW846 8270C
Benzo(a)pyrene	ND	4060	3350	ug/kg	82		SW846 8270C
	ND	4090	3300	ug/kg	81	1.4	SW846 8270C
bis(2-Chloroethoxy) methane	ND	4060	2990	ug/kg	74		SW846 8270C
	ND	4090	3330	ug/kg	81	11	SW846 8270C
bis(2-Chloroethyl)-ether	ND	4060	2720	ug/kg	67		SW846 8270C
	ND	4090	3170	ug/kg	77	15	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	4060	3470	ug/kg	85		SW846 8270C
	ND	4090	3590	ug/kg	88	3.5	SW846 8270C
4-Bromophenyl phenyl ether	ND	4060	3420	ug/kg	84		SW846 8270C
	ND	4090	3410	ug/kg	83	0.43	SW846 8270C
Butyl benzyl phthalate	ND	4060	3040	ug/kg	75		SW846 8270C
	ND	4090	3180	ug/kg	78	4.6	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G210163 **Work Order #...:** J3C191DP-MS **Matrix.....:** SO
MS Lot-Sample #: D7G210163-023 J3C191DQ-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
4-Chloroaniline	ND	4060	2570	ug/kg	63		SW846 8270C
	ND	4090	2730	ug/kg	67	6.1	SW846 8270C
4-Chloro-3-methylphenol	ND	4060	2980	ug/kg	73		SW846 8270C
	ND	4090	3110	ug/kg	76	4.2	SW846 8270C
2-Chloronaphthalene	ND	4060	3150	ug/kg	77		SW846 8270C
	ND	4090	3370	ug/kg	82	6.6	SW846 8270C
2-Chlorophenol	ND	4060	2890	ug/kg	71		SW846 8270C
	ND	4090	3210	ug/kg	78	10	SW846 8270C
4-Chlorophenyl phenyl ether	ND	4060	3280	ug/kg	81		SW846 8270C
	ND	4090	3280	ug/kg	80	0.01	SW846 8270C
Chrysene	ND	4060	3360	ug/kg	83		SW846 8270C
	ND	4090	3420	ug/kg	84	1.8	SW846 8270C
Dibenz(a,h)anthracene	ND	4060	3460	ug/kg	85		SW846 8270C
	ND	4090	3480	ug/kg	85	0.35	SW846 8270C
Dibenzofuran	ND	4060	3190	ug/kg	79		SW846 8270C
	ND	4090	3260	ug/kg	80	2.0	SW846 8270C
Di-n-butyl phthalate	ND	4060	3430	ug/kg	84		SW846 8270C
	ND	4090	3380	ug/kg	83	1.5	SW846 8270C
3,3'-Dichlorobenzidine	ND	4060	2840	ug/kg	70		SW846 8270C
	ND	4090	2810	ug/kg	69	1.0	SW846 8270C
2,4-Dichlorophenol	ND	4060	2970	ug/kg	73		SW846 8270C
	ND	4090	3220	ug/kg	79	8.0	SW846 8270C
Diethyl phthalate	ND	4060	3240	ug/kg	80		SW846 8270C
	ND	4090	3220	ug/kg	79	0.60	SW846 8270C
2,4-Dimethylphenol	ND	4060	2570	ug/kg	63		SW846 8270C
	ND	4090	2810	ug/kg	69	8.9	SW846 8270C
Dimethyl phthalate	ND	4060	3260	ug/kg	80		SW846 8270C
	ND	4090	3310	ug/kg	81	1.5	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	4060	2640	ug/kg	65		SW846 8270C
	ND	4090	2290	ug/kg	56	14	SW846 8270C
2,4-Dinitrophenol	ND	4060	1770	ug/kg	43		SW846 8270C
	ND	4090	1270	ug/kg	31	33	SW846 8270C
2,4-Dinitrotoluene	ND	4060	3440	ug/kg	85		SW846 8270C
	ND	4090	3490	ug/kg	85	1.4	SW846 8270C
2,6-Dinitrotoluene	ND	4060	3170	ug/kg	78		SW846 8270C
	ND	4090	3230	ug/kg	79	1.9	SW846 8270C
Di-n-octyl phthalate	ND	4060	3390	ug/kg	83		SW846 8270C
	ND	4090	3470	ug/kg	85	2.2	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G210163 **Work Order #...:** J3C191DP-MS **Matrix.....:** SO
MS Lot-Sample #: D7G210163-023 J3C191DQ-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Fluoranthene	ND	4060	3580	ug/kg	88		SW846 8270C
	ND	4090	3570	ug/kg	87	0.06	SW846 8270C
Fluorene	ND	4060	3220	ug/kg	79		SW846 8270C
	ND	4090	3270	ug/kg	80	1.5	SW846 8270C
Hexachlorobenzene	ND	4060	3420	ug/kg	84		SW846 8270C
	ND	4090	3460	ug/kg	85	1.1	SW846 8270C
Hexachlorocyclopenta-diene	ND	4060	2510	ug/kg	62		SW846 8270C
	ND	4090	2860	ug/kg	70	13	SW846 8270C
Hexachloroethane	ND	4060	2260	ug/kg	55		SW846 8270C
	ND	4090	2650	ug/kg	65	16	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	4060	3320	ug/kg	82		SW846 8270C
	ND	4090	3320	ug/kg	81	0.18	SW846 8270C
2-Methylnaphthalene	ND	4060	3020	ug/kg	74		SW846 8270C
	ND	4090	3220	ug/kg	79	6.6	SW846 8270C
2-Methylphenol	ND	4060	2990	ug/kg	74		SW846 8270C
	ND	4090	3280	ug/kg	80	9.0	SW846 8270C
Naphthalene	ND	4060	2750	ug/kg	68		SW846 8270C
	ND	4090	3090	ug/kg	76	12	SW846 8270C
2-Nitroaniline	ND	4060	3160	ug/kg	78		SW846 8270C
	ND	4090	3120	ug/kg	76	1.2	SW846 8270C
Benzyl alcohol	ND	4060	2870	ug/kg	71		SW846 8270C
	ND	4090	3270	ug/kg	80	13	SW846 8270C
3-Nitroaniline	ND	4060	3250	ug/kg	80		SW846 8270C
	ND	4090	3200	ug/kg	78	1.6	SW846 8270C
4-Nitroaniline	ND	4060	3210	ug/kg	79		SW846 8270C
	ND	4090	3210	ug/kg	79	0.13	SW846 8270C
Nitrobenzene	ND	4060	2720	ug/kg	67		SW846 8270C
	ND	4090	3000	ug/kg	73	9.8	SW846 8270C
2-Nitrophenol	ND	4060	2770	ug/kg	68		SW846 8270C
	ND	4090	3110	ug/kg	76	12	SW846 8270C
4-Nitrophenol	ND	4060	2310	ug/kg	57		SW846 8270C
	ND	4090	2250	ug/kg	55	2.7	SW846 8270C
N-Nitrosodiphenylamine	ND	4060	2730	ug/kg	67		SW846 8270C
	ND	4090	2740	ug/kg	67	0.39	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	4060	3060	ug/kg	75		SW846 8270C
	ND	4090	3420	ug/kg	84	11	SW846 8270C
Pentachlorophenol	ND	4060	2820	ug/kg	69		SW846 8270C
	ND	4090	2830	ug/kg	69	0.26	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G210163 **Work Order #...:** J3C191DP-MS J3C191DQ-MSD **Matrix.....:** SO
MS Lot-Sample #: D7G210163-023

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Phenanthrene	ND	4060	3320	ug/kg	82		SW846 8270C
	ND	4090	3340	ug/kg	82	0.50	SW846 8270C
Benzoic acid	ND	4060	1660	ug/kg	41		SW846 8270C
	ND	4090	1800	ug/kg	44	8.1	SW846 8270C
Phenol	ND	4060	3030	ug/kg	75		SW846 8270C
	ND	4090	3390	ug/kg	83	11	SW846 8270C
Pyrene	ND	4060	3530	ug/kg	87		SW846 8270C
	ND	4090	3580	ug/kg	88	1.6	SW846 8270C
2,4,5-Trichloro-phenol	ND	4060	2980	ug/kg	73		SW846 8270C
	ND	4090	3020	ug/kg	74	1.4	SW846 8270C
2,4,6-Trichloro-phenol	ND	4060	3060	ug/kg	75		SW846 8270C
	ND	4090	3130	ug/kg	77	2.3	SW846 8270C
bis(2-Chloroisopropyl) ether	ND	4060	3140	ug/kg	77		SW846 8270C
	ND	4090	3560	ug/kg	87	12	SW846 8270C
4-Methylphenol	ND	4060	3220	ug/kg	79		SW846 8270C
	ND	4090	3430	ug/kg	84	6.1	SW846 8270C
Hexachlorobutadiene	ND	4060	2470	ug/kg	61		SW846 8270C
	ND	4090	2790	ug/kg	68	12	SW846 8270C
Carbazole	ND	4060	3570	ug/kg	88		SW846 8270C
	ND	4090	3560	ug/kg	87	0.21	SW846 8270C
Isophorone	ND	4060	3150	ug/kg	78		SW846 8270C
	ND	4090	3520	ug/kg	86	11	SW846 8270C
Pyridine	ND	4060	2050	ug/kg	50		SW846 8270C
	ND	4090	2460	ug/kg	60	18	SW846 8270C
3-Methylphenol & 4-Methylphenol	ND	4060	3220	ug/kg	79		SW846 8270C
	ND	4090	3430	ug/kg	84	6.1	SW846 8270C
N-Nitrosodimethylamine	ND	4060	2720	ug/kg	67		SW846 8270C
	ND	4090	3290	ug/kg	81	19	SW846 8270C
1,2-Dichlorobenzene	ND	4060	2540	ug/kg	62		SW846 8270C
	ND	4090	3010	ug/kg	74	17	SW846 8270C
1,4-Dichlorobenzene	ND	4060	2440	ug/kg	60		SW846 8270C
	ND	4090	2880	ug/kg	70	16	SW846 8270C
Aniline	ND	4060	1580	ug/kg	39		SW846 8270C
	ND	4090	1760	ug/kg	43	11	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G210163 **Work Order #...:** J3C191DP-MS **Matrix.....:** SO
MS Lot-Sample #: D7G210163-023 J3C191DQ-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,2-Diphenylhydrazine (as Azobenzene)	**ND**	**4060**	**2930**	**ug/kg**	**72**		**SW846 8270C**
	ND	**4090**	**2880**	**ug/kg**	**70**	**1.6**	**SW846 8270C**
1-Methylnaphthalene	**ND**	**4060**	**2920**	**ug/kg**	**72**		**SW846 8270C**
	ND	**4090**	**3230**	**ug/kg**	**79**	**10**	**SW846 8270C**
1,4-Dioxane	**ND**	**4060**	**1510**	**ug/kg**	**37**		**SW846 8270C**
	ND	**4090**	**1750**	**ug/kg**	**43**	**15**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	68	(53 - 120)
	76	(53 - 120)
Phenol-d5	76	(52 - 120)
	83	(52 - 120)
Nitrobenzene-d5	63	(50 - 120)
	71	(50 - 120)
2-Fluorobiphenyl	74	(50 - 120)
	78	(50 - 120)
2,4,6-Tribromophenol	79	(51 - 120)
	80	(51 - 120)
Terphenyl-d14	87	(55 - 120)
	87	(55 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G210163 **Work Order #...:** J3C0T1D6-MS **Matrix.....:** SO
MS Lot-Sample #: D7G210163-008 J3C0T1D7-MSD
Date Sampled...: 07/19/07 15:30 **Date Received..:** 07/21/07
Prep Date.....: 07/30/07 **Analysis Date..:** 08/02/07
Prep Batch #...: 7211664 **Analysis Time..:** 21:51
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acenaphthene	72	(52 - 120)			SW846 8270C
	67	(52 - 120)	6.1	(0-30)	SW846 8270C
1,2,4-Trichloro- benzene	55	(50 - 120)			SW846 8270C
	55	(50 - 120)	0.33	(0-30)	SW846 8270C
Acenaphthylene	72	(53 - 120)			SW846 8270C
	67	(53 - 120)	6.2	(0-30)	SW846 8270C
1,3-Dichlorobenzene	48	(46 - 120)			SW846 8270C
	50	(46 - 120)	3.2	(0-32)	SW846 8270C
Anthracene	81	(57 - 120)			SW846 8270C
	76	(57 - 120)	5.6	(0-30)	SW846 8270C
Benzo(a)anthracene	79	(55 - 120)			SW846 8270C
	76	(55 - 120)	3.8	(0-30)	SW846 8270C
Benzo(b)fluoranthene	86	(52 - 120)			SW846 8270C
	84	(52 - 120)	2.1	(0-44)	SW846 8270C
Benzo(k)fluoranthene	75	(54 - 120)			SW846 8270C
	73	(54 - 120)	2.9	(0-30)	SW846 8270C
Benzo(ghi)perylene	81	(50 - 120)			SW846 8270C
	79	(50 - 120)	2.2	(0-31)	SW846 8270C
Benzo(a)pyrene	78	(54 - 120)			SW846 8270C
	76	(54 - 120)	1.8	(0-30)	SW846 8270C
bis(2-Chloroethoxy) methane	59	(49 - 120)			SW846 8270C
	58	(49 - 120)	1.7	(0-30)	SW846 8270C
bis(2-Chloroethyl)- ether	52	(48 - 120)			SW846 8270C
	53	(48 - 120)	1.4	(0-30)	SW846 8270C
bis(2-Ethylhexyl) phthalate	81	(51 - 120)			SW846 8270C
	78	(51 - 120)	3.5	(0-30)	SW846 8270C
4-Bromophenyl phenyl ether	83	(53 - 120)			SW846 8270C
	78	(53 - 120)	6.3	(0-30)	SW846 8270C
Butyl benzyl phthalate	80	(49 - 120)			SW846 8270C
	77	(49 - 120)	3.5	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G210163 **Work Order #...:** J3C0T1D6-MS **Matrix.....:** SO
MS Lot-Sample #: D7G210163-008 J3C0T1D7-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
4-Chloroaniline	51	(28 - 120)			SW846 8270C
	52	(28 - 120)	2.3	(0-30)	SW846 8270C
4-Chloro-3-methylphenol	80	(57 - 120)			SW846 8270C
	75	(57 - 120)	6.3	(0-30)	SW846 8270C
2-Chloronaphthalene	68	(53 - 120)			SW846 8270C
	65	(53 - 120)	4.1	(0-30)	SW846 8270C
2-Chlorophenol	56	(53 - 120)			SW846 8270C
	56	(53 - 120)	1.2	(0-30)	SW846 8270C
4-Chlorophenyl phenyl ether	79	(55 - 120)			SW846 8270C
	74	(55 - 120)	6.6	(0-30)	SW846 8270C
Chrysene	77	(55 - 120)			SW846 8270C
	76	(55 - 120)	2.2	(0-35)	SW846 8270C
Dibenz(a,h)anthracene	84	(55 - 120)			SW846 8270C
	82	(55 - 120)	3.4	(0-30)	SW846 8270C
Dibenzofuran	76	(56 - 120)			SW846 8270C
	70	(56 - 120)	7.0	(0-30)	SW846 8270C
Di-n-butyl phthalate	86	(57 - 120)			SW846 8270C
	82	(57 - 120)	5.4	(0-30)	SW846 8270C
3,3'-Dichlorobenzidine	68	(34 - 120)			SW846 8270C
	70	(34 - 120)	2.1	(0-30)	SW846 8270C
2,4-Dichlorophenol	70	(53 - 120)			SW846 8270C
	66	(53 - 120)	5.6	(0-30)	SW846 8270C
Diethyl phthalate	83	(57 - 120)			SW846 8270C
	78	(57 - 120)	6.8	(0-30)	SW846 8270C
2,4-Dimethylphenol	61	(53 - 120)			SW846 8270C
	62	(53 - 120)	1.2	(0-30)	SW846 8270C
Dimethyl phthalate	81	(57 - 120)			SW846 8270C
	77	(57 - 120)	6.0	(0-30)	SW846 8270C
4,6-Dinitro-2-methylphenol	67	(30 - 120)			SW846 8270C
	64	(30 - 120)	5.3	(0-30)	SW846 8270C
2,4-Dinitrophenol	56	(15 - 120)			SW846 8270C
	51	(15 - 120)	9.0	(0-34)	SW846 8270C
2,4-Dinitrotoluene	83	(53 - 120)			SW846 8270C
	79	(53 - 120)	5.6	(0-30)	SW846 8270C
2,6-Dinitrotoluene	74	(53 - 120)			SW846 8270C
	71	(53 - 120)	4.2	(0-30)	SW846 8270C
Di-n-octyl phthalate	81	(54 - 120)			SW846 8270C
	80	(54 - 120)	1.1	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G210163 **Work Order #...:** J3C0T1D6-MS **Matrix.....:** SO
MS Lot-Sample #: D7G210163-008 J3C0T1D7-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Fluoranthene	89	(55 - 120)			SW846 8270C
	84	(55 - 120)	6.0	(0-30)	SW846 8270C
Fluorene	77	(55 - 120)			SW846 8270C
	73	(55 - 120)	5.8	(0-30)	SW846 8270C
Hexachlorobenzene	85	(51 - 120)			SW846 8270C
	80	(51 - 120)	5.6	(0-30)	SW846 8270C
Hexachlorocyclopenta-diene	57	(35 - 120)			SW846 8270C
	57	(35 - 120)	1.2	(0-30)	SW846 8270C
Hexachloroethane	49	(46 - 120)			SW846 8270C
	50	(46 - 120)	2.4	(0-30)	SW846 8270C
Indeno(1,2,3-cd)pyrene	80	(54 - 120)			SW846 8270C
	78	(54 - 120)	2.3	(0-30)	SW846 8270C
2-Methylnaphthalene	61	(55 - 120)			SW846 8270C
	61	(55 - 120)	0.68	(0-30)	SW846 8270C
2-Methylphenol	60	(51 - 120)			SW846 8270C
	60	(51 - 120)	1.2	(0-30)	SW846 8270C
Naphthalene	56	(50 - 120)			SW846 8270C
	54	(50 - 120)	2.2	(0-30)	SW846 8270C
2-Nitroaniline	82	(50 - 120)			SW846 8270C
	77	(50 - 120)	6.4	(0-30)	SW846 8270C
Benzyl alcohol	63	(52 - 120)			SW846 8270C
	66	(52 - 120)	4.6	(0-30)	SW846 8270C
3-Nitroaniline	71	(35 - 120)			SW846 8270C
	71	(35 - 120)	0.92	(0-30)	SW846 8270C
4-Nitroaniline	76	(44 - 120)			SW846 8270C
	76	(44 - 120)	0.41	(0-30)	SW846 8270C
Nitrobenzene	56	(49 - 120)			SW846 8270C
	57	(49 - 120)	0.48	(0-30)	SW846 8270C
2-Nitrophenol	58	(53 - 120)			SW846 8270C
	59	(53 - 120)	0.67	(0-30)	SW846 8270C
4-Nitrophenol	80	(41 - 120)			SW846 8270C
	79	(41 - 120)	1.6	(0-30)	SW846 8270C
N-Nitrosodiphenylamine	66	(55 - 120)			SW846 8270C
	63	(55 - 120)	4.3	(0-36)	SW846 8270C
N-Nitrosodi-n-propyl-amine	60	(51 - 120)			SW846 8270C
	61	(51 - 120)	2.4	(0-30)	SW846 8270C
Pentachlorophenol	65	(30 - 120)			SW846 8270C
	62	(30 - 120)	5.3	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G210163 **Work Order #...:** J3C0T1D6-MS **Matrix.....:** SO
MS Lot-Sample #: D7G210163-008 J3C0T1D7-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Phenanthrene	80	(58 - 120)			SW846 8270C
	76	(58 - 120)	5.3	(0-30)	SW846 8270C
Benzoic acid	66	(10 - 120)			SW846 8270C
	61	(10 - 120)	7.1	(0-32)	SW846 8270C
Phenol	59	(54 - 120)			SW846 8270C
	59	(54 - 120)	0.49	(0-30)	SW846 8270C
Pyrene	77	(50 - 120)			SW846 8270C
	74	(50 - 120)	3.3	(0-38)	SW846 8270C
2,4,5-Trichloro-phenol	80	(56 - 120)			SW846 8270C
	76	(56 - 120)	5.8	(0-30)	SW846 8270C
2,4,6-Trichloro-phenol	77	(50 - 120)			SW846 8270C
	72	(50 - 120)	6.4	(0-30)	SW846 8270C
bis(2-Chloroisopropyl) ether	53	(47 - 120)			SW846 8270C
	53	(47 - 120)	1.2	(0-30)	SW846 8270C
4-Methylphenol	65	(53 - 120)			SW846 8270C
	67	(53 - 120)	2.1	(0-30)	SW846 8270C
Hexachlorobutadiene	57	(48 - 120)			SW846 8270C
	58	(48 - 120)	0.46	(0-30)	SW846 8270C
Carbazole	83	(54 - 120)			SW846 8270C
	81	(54 - 120)	3.1	(0-30)	SW846 8270C
Isophorone	63	(46 - 120)			SW846 8270C
	63	(46 - 120)	1.0	(0-30)	SW846 8270C
Pyridine	35	(23 - 120)			SW846 8270C
	36	(23 - 120)	2.2	(0-30)	SW846 8270C
3-Methylphenol & 4-Methylphenol	65	(53 - 120)			SW846 8270C
	67	(53 - 120)	2.1	(0-30)	SW846 8270C
N-Nitrosodimethylamine	44	(41 - 120)			SW846 8270C
	46	(41 - 120)	3.3	(0-30)	SW846 8270C
1,2-Dichlorobenzene	51	(48 - 120)			SW846 8270C
	53	(48 - 120)	2.2	(0-30)	SW846 8270C
1,4-Dichlorobenzene	49	(46 - 120)			SW846 8270C
	50	(46 - 120)	2.4	(0-30)	SW846 8270C
Aniline	24	(17 - 120)			SW846 8270C
	27	(17 - 120)	8.7	(0-30)	SW846 8270C

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G210163 **Work Order #...:** J3C0T1D6-MS **Matrix.....:** SO
MS Lot-Sample #: D7G210163-008 J3C0T1D7-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2-Diphenylhydrazine (as Azobenzene)	**78**	**(54 - 120)**			**SW846 8270C**
	73	**(54 - 120)**	**6.1**	**(0-30)**	**SW846 8270C**
1-Methylnaphthalene	**62**	**(52 - 120)**			**SW846 8270C**
	61	**(52 - 120)**	**1.2**	**(0-30)**	**SW846 8270C**
1,4-Dioxane	**25**	**(21 - 120)**			**SW846 8270C**
	26	**(21 - 120)**	**0.44**	**(0-30)**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	55	(53 - 120)
	56	(53 - 120)
Phenol-d5	60	(52 - 120)
	61	(52 - 120)
Nitrobenzene-d5	55	(50 - 120)
	57	(50 - 120)
2-Fluorobiphenyl	67	(50 - 120)
	65	(50 - 120)
2,4,6-Tribromophenol	90	(51 - 120)
	85	(51 - 120)
Terphenyl-d14	81	(55 - 120)
	79	(55 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G210163 **Work Order #...:** J3C0T1D6-MS **Matrix.....:** SO
MS Lot-Sample #: D7G210163-008 J3C0T1D7-MSD
Date Sampled...: 07/19/07 15:30 **Date Received..:** 07/21/07
Prep Date.....: 07/30/07 **Analysis Date..:** 08/02/07
Prep Batch #...: 7211664 **Analysis Time..:** 21:51
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Acenaphthene	ND	4570	3280	ug/kg	72		SW846 8270C
	ND	4570	3080	ug/kg	67	6.1	SW846 8270C
1,2,4-Trichloro-benzene	ND	4570	2540	ug/kg	55		SW846 8270C
	ND	4570	2530	ug/kg	55	0.33	SW846 8270C
Acenaphthylene	ND	4570	3270	ug/kg	72		SW846 8270C
	ND	4570	3070	ug/kg	67	6.2	SW846 8270C
1,3-Dichlorobenzene	ND	4570	2210	ug/kg	48		SW846 8270C
	ND	4570	2280	ug/kg	50	3.2	SW846 8270C
Anthracene	ND	4570	3690	ug/kg	81		SW846 8270C
	ND	4570	3490	ug/kg	76	5.6	SW846 8270C
Benzo(a)anthracene	ND	4570	3610	ug/kg	79		SW846 8270C
	ND	4570	3480	ug/kg	76	3.8	SW846 8270C
Benzo(b)fluoranthene	ND	4570	3930	ug/kg	86		SW846 8270C
	ND	4570	3850	ug/kg	84	2.1	SW846 8270C
Benzo(k)fluoranthene	ND	4570	3440	ug/kg	75		SW846 8270C
	ND	4570	3340	ug/kg	73	2.9	SW846 8270C
Benzo(ghi)perylene	ND	4570	3710	ug/kg	81		SW846 8270C
	ND	4570	3630	ug/kg	79	2.2	SW846 8270C
Benzo(a)pyrene	ND	4570	3560	ug/kg	78		SW846 8270C
	ND	4570	3500	ug/kg	76	1.8	SW846 8270C
bis(2-Chloroethoxy) methane	ND	4570	2710	ug/kg	59		SW846 8270C
	ND	4570	2660	ug/kg	58	1.7	SW846 8270C
bis(2-Chloroethyl)-ether	ND	4570	2400	ug/kg	52		SW846 8270C
	ND	4570	2430	ug/kg	53	1.4	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	4570	3710	ug/kg	81		SW846 8270C
	ND	4570	3580	ug/kg	78	3.5	SW846 8270C
4-Bromophenyl phenyl ether	ND	4570	3790	ug/kg	83		SW846 8270C
	ND	4570	3560	ug/kg	78	6.3	SW846 8270C
Butyl benzyl phthalate	ND	4570	3660	ug/kg	80		SW846 8270C
	ND	4570	3540	ug/kg	77	3.5	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G210163 **Work Order #...:** J3C0T1D6-MS J3C0T1D7-MSD **Matrix.....:** SO
MS Lot-Sample #: D7G210163-008

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
4-Chloroaniline	ND	4570	2310	ug/kg	51		SW846 8270C
	ND	4570	2370	ug/kg	52	2.3	SW846 8270C
4-Chloro-3-methylphenol	ND	4570	3660	ug/kg	80		SW846 8270C
	ND	4570	3430	ug/kg	75	6.3	SW846 8270C
2-Chloronaphthalene	ND	4570	3090	ug/kg	68		SW846 8270C
	ND	4570	2970	ug/kg	65	4.1	SW846 8270C
2-Chlorophenol	ND	4570	2540	ug/kg	56		SW846 8270C
	ND	4570	2570	ug/kg	56	1.2	SW846 8270C
4-Chlorophenyl phenyl ether	ND	4570	3630	ug/kg	79		SW846 8270C
	ND	4570	3400	ug/kg	74	6.6	SW846 8270C
Chrysene	ND	4570	3540	ug/kg	77		SW846 8270C
	ND	4570	3460	ug/kg	76	2.2	SW846 8270C
Dibenz(a,h)anthracene	ND	4570	3860	ug/kg	84		SW846 8270C
	ND	4570	3730	ug/kg	82	3.4	SW846 8270C
Dibenzofuran	ND	4570	3450	ug/kg	76		SW846 8270C
	ND	4570	3220	ug/kg	70	7.0	SW846 8270C
Di-n-butyl phthalate	ND	4570	3940	ug/kg	86		SW846 8270C
	ND	4570	3740	ug/kg	82	5.4	SW846 8270C
3,3'-Dichlorobenzidine	ND	4570	3130	ug/kg	68		SW846 8270C
	ND	4570	3190	ug/kg	70	2.1	SW846 8270C
2,4-Dichlorophenol	ND	4570	3210	ug/kg	70		SW846 8270C
	ND	4570	3040	ug/kg	66	5.6	SW846 8270C
Diethyl phthalate	ND	4570	3810	ug/kg	83		SW846 8270C
	ND	4570	3560	ug/kg	78	6.8	SW846 8270C
2,4-Dimethylphenol	ND	4570	2800	ug/kg	61		SW846 8270C
	ND	4570	2840	ug/kg	62	1.2	SW846 8270C
Dimethyl phthalate	ND	4570	3720	ug/kg	81		SW846 8270C
	ND	4570	3500	ug/kg	77	6.0	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	4570	3080	ug/kg	67		SW846 8270C
	ND	4570	2920	ug/kg	64	5.3	SW846 8270C
2,4-Dinitrophenol	ND	4570	2550	ug/kg	56		SW846 8270C
	ND	4570	2330	ug/kg	51	9.0	SW846 8270C
2,4-Dinitrotoluene	ND	4570	3820	ug/kg	83		SW846 8270C
	ND	4570	3610	ug/kg	79	5.6	SW846 8270C
2,6-Dinitrotoluene	ND	4570	3400	ug/kg	74		SW846 8270C
	ND	4570	3260	ug/kg	71	4.2	SW846 8270C
Di-n-octyl phthalate	ND	4570	3700	ug/kg	81		SW846 8270C
	ND	4570	3660	ug/kg	80	1.1	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G210163 **Work Order #...:** J3C0T1D6-MS **Matrix.....:** SO
MS Lot-Sample #: D7G210163-008 J3C0T1D7-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Fluoranthene	ND	4570	4060	ug/kg	89		SW846 8270C
	ND	4570	3820	ug/kg	84	6.0	SW846 8270C
Fluorene	ND	4570	3510	ug/kg	77		SW846 8270C
	ND	4570	3320	ug/kg	73	5.8	SW846 8270C
Hexachlorobenzene	ND	4570	3890	ug/kg	85		SW846 8270C
	ND	4570	3670	ug/kg	80	5.6	SW846 8270C
Hexachlorocyclopenta-diene	ND	4570	2580	ug/kg	57		SW846 8270C
	ND	4570	2620	ug/kg	57	1.2	SW846 8270C
Hexachloroethane	ND	4570	2250	ug/kg	49		SW846 8270C
	ND	4570	2300	ug/kg	50	2.4	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	4570	3670	ug/kg	80		SW846 8270C
	ND	4570	3580	ug/kg	78	2.3	SW846 8270C
2-Methylnaphthalene	ND	4570	2790	ug/kg	61		SW846 8270C
	ND	4570	2810	ug/kg	61	0.68	SW846 8270C
2-Methylphenol	ND	4570	2760	ug/kg	60		SW846 8270C
	ND	4570	2720	ug/kg	60	1.2	SW846 8270C
Naphthalene	ND	4570	2550	ug/kg	56		SW846 8270C
	ND	4570	2490	ug/kg	54	2.2	SW846 8270C
2-Nitroaniline	ND	4570	3740	ug/kg	82		SW846 8270C
	ND	4570	3510	ug/kg	77	6.4	SW846 8270C
Benzyl alcohol	ND	4570	2880	ug/kg	63		SW846 8270C
	ND	4570	3020	ug/kg	66	4.6	SW846 8270C
3-Nitroaniline	ND	4570	3270	ug/kg	71		SW846 8270C
	ND	4570	3240	ug/kg	71	0.92	SW846 8270C
4-Nitroaniline	ND	4570	3500	ug/kg	76		SW846 8270C
	ND	4570	3480	ug/kg	76	0.41	SW846 8270C
Nitrobenzene	ND	4570	2580	ug/kg	56		SW846 8270C
	ND	4570	2590	ug/kg	57	0.48	SW846 8270C
2-Nitrophenol	ND	4570	2670	ug/kg	58		SW846 8270C
	ND	4570	2690	ug/kg	59	0.67	SW846 8270C
4-Nitrophenol	ND	4570	3660	ug/kg	80		SW846 8270C
	ND	4570	3600	ug/kg	79	1.6	SW846 8270C
N-Nitrosodiphenylamine	ND	4570	3000	ug/kg	66		SW846 8270C
	ND	4570	2880	ug/kg	63	4.3	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	4570	2720	ug/kg	60		SW846 8270C
	ND	4570	2790	ug/kg	61	2.4	SW846 8270C
Pentachlorophenol	ND	4570	2970	ug/kg	65		SW846 8270C
	ND	4570	2820	ug/kg	62	5.3	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G210163 **Work Order #...:** J3C0T1D6-MS **Matrix.....:** SO
MS Lot-Sample #: D7G210163-008 J3C0T1D7-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Phenanthrene	ND	4570	3650	ug/kg	80		SW846 8270C
	ND	4570	3460	ug/kg	76	5.3	SW846 8270C
Benzoic acid	ND	4570	3020	ug/kg	66		SW846 8270C
	ND	4570	2810	ug/kg	61	7.1	SW846 8270C
Phenol	ND	4570	2700	ug/kg	59		SW846 8270C
	ND	4570	2720	ug/kg	59	0.49	SW846 8270C
Pyrene	ND	4570	3510	ug/kg	77		SW846 8270C
	ND	4570	3390	ug/kg	74	3.3	SW846 8270C
2,4,5-Trichloro-phenol	ND	4570	3670	ug/kg	80		SW846 8270C
	ND	4570	3470	ug/kg	76	5.8	SW846 8270C
2,4,6-Trichloro-phenol	ND	4570	3530	ug/kg	77		SW846 8270C
	ND	4570	3310	ug/kg	72	6.4	SW846 8270C
bis(2-Chloroisopropyl) ether	ND	4570	2410	ug/kg	53		SW846 8270C
	ND	4570	2440	ug/kg	53	1.2	SW846 8270C
4-Methylphenol	ND	4570	2980	ug/kg	65		SW846 8270C
	ND	4570	3040	ug/kg	67	2.1	SW846 8270C
Hexachlorobutadiene	ND	4570	2630	ug/kg	57		SW846 8270C
	ND	4570	2640	ug/kg	58	0.46	SW846 8270C
Carbazole	ND	4570	3820	ug/kg	83		SW846 8270C
	ND	4570	3700	ug/kg	81	3.1	SW846 8270C
Isophorone	ND	4570	2890	ug/kg	63		SW846 8270C
	ND	4570	2860	ug/kg	63	1.0	SW846 8270C
Pyridine	ND	4570	1590	ug/kg	35		SW846 8270C
	ND	4570	1630	ug/kg	36	2.2	SW846 8270C
3-Methylphenol & 4-Methylphenol	ND	4570	2980	ug/kg	65		SW846 8270C
	ND	4570	3040	ug/kg	67	2.1	SW846 8270C
N-Nitrosodimethylamine	ND	4570	2020	ug/kg	44		SW846 8270C
	ND	4570	2090	ug/kg	46	3.3	SW846 8270C
1,2-Dichlorobenzene	ND	4570	2350	ug/kg	51		SW846 8270C
	ND	4570	2400	ug/kg	53	2.2	SW846 8270C
1,4-Dichlorobenzene	ND	4570	2220	ug/kg	49		SW846 8270C
	ND	4570	2270	ug/kg	50	2.4	SW846 8270C
Aniline	ND	4570	1120	ug/kg	24		SW846 8270C
	ND	4570	1220	ug/kg	27	8.7	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G210163 **Work Order #...:** J3C0T1D6-MS **Matrix.....:** SO
MS Lot-Sample #: D7G210163-008 J3C0T1D7-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,2-Diphenylhydrazine (as Azobenzene)	**ND**	**4570**	**3560**	**ug/kg**	**78**		**SW846 8270C**
	ND	**4570**	**3350**	**ug/kg**	**73**	**6.1**	**SW846 8270C**
1-Methylnaphthalene	**ND**	**4570**	**2840**	**ug/kg**	**62**		**SW846 8270C**
	ND	**4570**	**2800**	**ug/kg**	**61**	**1.2**	**SW846 8270C**
1,4-Dioxane	**ND**	**4570**	**1160**	**ug/kg**	**25**		**SW846 8270C**
	ND	**4570**	**1170**	**ug/kg**	**26**	**0.44**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	55	(53 - 120)
	56	(53 - 120)
Phenol-d5	60	(52 - 120)
	61	(52 - 120)
Nitrobenzene-d5	55	(50 - 120)
	57	(50 - 120)
2-Fluorobiphenyl	67	(50 - 120)
	65	(50 - 120)
2,4,6-Tribromophenol	90	(51 - 120)
	85	(51 - 120)
Terphenyl-d14	81	(55 - 120)
	79	(55 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

METHOD BLANK REPORT

GC Volatiles

Client Lot #...: D7G210163 **Work Order #...:** J33671AA **Matrix.....:** SOLID
MB Lot-Sample #: D7H020000-343

Prep Date.....: 07/24/07 **Analysis Time..:** 11:32

Analysis Date..: 07/26/07 **Prep Batch #...:** 7214343
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Gasoline Range Organics	ND	1.2	mg/kg	SW846 8015B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	99	(77 - 123)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC Volatiles

Client Lot #...: D7G210163
MB Lot-Sample #: D7H020000-542

Work Order #...: J348F1AA

Matrix.....: SOLID

Prep Date.....: 07/27/07
Prep Batch #...: 7214542

Analysis Date..: 07/31/07
Dilution Factor: 1

Analysis Time..: 12:09

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Gasoline Range Organics	ND	1.2	mg/kg	SW846 8015B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	98	(77 - 123)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...: D7G210163
LCS Lot-Sample#: D7H020000-343
Prep Date.....: 07/24/07
Prep Batch #...: 7214343
Dilution Factor: 1

Work Order #...: J33671AC-LCS
J33671AD-LCSD
Analysis Date..: 07/26/07
Analysis Time..: 10:30

Matrix.....: SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Gasoline Range Organics	**111**	**(85 - 153)**			**SW846 8015B**
	114	**(85 - 153)**	**2.5**	**(0-30)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	99	(77 - 123)
	101	(77 - 123)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Volatiles

Client Lot #...: D7G210163
LCS Lot-Sample#: D7H020000-343
Prep Date.....: 07/24/07
Prep Batch #...: 7214343
Dilution Factor: 1

Work Order #...: J33671AC-LCS
J33671AD-LCSD
Analysis Date..: 07/26/07
Analysis Time..: 10:30

Matrix.....: SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Gasoline Range Organics	**5.51**	**6.11**	**mg/kg**	**111**		**SW846 8015B**
	5.51	**6.26**	**mg/kg**	**114**	**2.5**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	99	(77 - 123)
	101	(77 - 123)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...: D7G210163 **Work Order #...:** J348F1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: D7H020000-542 J348F1AD-LCSD
Prep Date.....: 07/27/07 **Analysis Date..:** 07/31/07
Prep Batch #...: 7214542 **Analysis Time..:** 10:46
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Gasoline Range Organics	**106**	**(85 - 153)**			**SW846 8015B**
	114	**(85 - 153)**	**7.6**	**(0-30)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	98	(77 - 123)
	99	(77 - 123)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Volatiles

Client Lot #...: D7G210163 **Work Order #...:** J348F1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: D7H020000-542 J348F1AD-LCSD
Prep Date.....: 07/27/07 **Analysis Date..:** 07/31/07
Prep Batch #...: 7214542 **Analysis Time..:** 10:46
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Gasoline Range Organics	**5.47**	**5.80**	**mg/kg**	**106**		**SW846 8015B**
	5.47	**6.26**	**mg/kg**	**114**	**7.6**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	98	(77 - 123)
	99	(77 - 123)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...: D7G210163 **Work Order #...:** J3C0T1DA-MS **Matrix.....:** SO
MS Lot-Sample #: D7G210163-008 J3C0T1DC-MSD
Date Sampled...: 07/19/07 15:30 **Date Received..:** 07/21/07
Prep Date.....: 07/24/07 **Analysis Date..:** 07/26/07
Prep Batch #...: 7214343 **Analysis Time..:** 21:02
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Gasoline Range Organics	**106**	**(85 - 153)**			**SW846 8015B**
	100	**(85 - 153)**	**5.3**	**(0-30)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	87	(77 - 123)
	88	(77 - 123)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

GC Volatiles

Client Lot #...: D7G210163 **Work Order #...:** J3C0T1DA-MS **Matrix.....:** SO
MS Lot-Sample #: D7G210163-008 J3C0T1DC-MSD
Date Sampled...: 07/19/07 15:30 **Date Received..:** 07/21/07
Prep Date.....: 07/24/07 **Analysis Date..:** 07/26/07
Prep Batch #...: 7214343 **Analysis Time..:** 21:02
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Gasoline Range Organics	**0.52**	**7.57**	**8.51**	**mg/kg**	**106**		**SW846 8015B**
	0.52	**7.57**	**8.07**	**mg/kg**	**100**	**5.3**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	87	(77 - 123)
	88	(77 - 123)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...: D7G210163 **Work Order #...:** J3C191DD-MS **Matrix.....:** SO
MS Lot-Sample #: D7G210163-023 J3C191DE-MSD
Date Sampled...: 07/20/07 12:00 **Date Received..:** 07/21/07
Prep Date.....: 07/27/07 **Analysis Date..:** 07/31/07
Prep Batch #...: 7214542 **Analysis Time..:** 19:32
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Gasoline Range Organics	**96**	**(85 - 153)**			**SW846 8015B**
	88	**(85 - 153)**	**8.0**	**(0-30)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	89	(77 - 123)
	83	(77 - 123)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

GC Volatiles

Client Lot #...: D7G210163 **Work Order #...:** J3C191DD-MS **Matrix.....:** SO
MS Lot-Sample #: D7G210163-023 J3C191DE-MSD
Date Sampled...: 07/20/07 12:00 **Date Received..:** 07/21/07
Prep Date.....: 07/27/07 **Analysis Date..:** 07/31/07
Prep Batch #...: 7214542 **Analysis Time..:** 19:32
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Gasoline Range Organics	**0.44**	**7.05**	**7.21**	**mg/kg**	**96**		**SW846 8015B**
	0.44	**7.05**	**6.66**	**mg/kg**	**88**	**8.0**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	89	(77 - 123)
	83	(77 - 123)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...: D7G210163 **Work Order #...:** J3FXQ1DD-MS **Matrix.....:** SOLID
MS Lot-Sample #: D7G240162-024 J3FXQ1DE-MSD
Date Sampled...: 07/23/07 11:00 **Date Received..:** 07/24/07
Prep Date.....: 07/27/07 **Analysis Date..:** 08/01/07
Prep Batch #...: 7214542 **Analysis Time..:** 01:02
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Gasoline Range Organics	**93**	**(85 - 153)**			**SW846 8015B**
	90	**(85 - 153)**	**3.9**	**(0-30)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	82	(77 - 123)
	83	(77 - 123)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

GC Volatiles

Client Lot #...: D7G210163 **Work Order #...:** J3FXQ1DD-MS **Matrix.....:** SOLID
MS Lot-Sample #: D7G240162-024 J3FXQ1DE-MSD
Date Sampled...: 07/23/07 11:00 **Date Received..:** 07/24/07
Prep Date.....: 07/27/07 **Analysis Date..:** 08/01/07
Prep Batch #...: 7214542 **Analysis Time..:** 01:02
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Gasoline Range Organics	**ND**	**7.07**	**6.58**	**mg/kg**	**93**		**SW846 8015B**
	ND	**7.07**	**6.33**	**mg/kg**	**90**	**3.9**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	82	(77 - 123)
	83	(77 - 123)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: D7G210163 **Work Order #...:** J3D8X1AA **Matrix.....:** SOLID
MB Lot-Sample #: D7G230000-330

Prep Date.....: 07/23/07 **Analysis Time..:** 02:25

Analysis Date..: 07/28/07 **Prep Batch #...:** 7204330
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Diesel Range Organics (C1	**1.7 J**	**4.0**	**mg/kg**	**SW846 8015B**
Motor Oil Range Organics	ND	4.0	mg/kg	SW846 8015B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	84	(45 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

J Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: D7G210163 **Work Order #...:** J3D8X1AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7G230000-330
Prep Date.....: 07/23/07 **Analysis Date..:** 07/28/07
Prep Batch #...: 7204330 **Analysis Time..:** 03:02
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Diesel Range Organics (C10-C28)	**77**	**(53 - 115)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	74	(49 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: D7G210163 **Work Order #...:** J3D8X1AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7G230000-330
Prep Date.....: 07/23/07 **Analysis Date..:** 07/28/07
Prep Batch #...: 7204330 **Analysis Time..:** 03:02
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Diesel Range Organics (C10-C28)	**64.7**	**50.1**	**mg/kg**	**77**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	74	(49 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: D7G210163 **Work Order #...:** J3C0T1DD-MS **Matrix.....:** SO
MS Lot-Sample #: D7G210163-008 J3C0T1DE-MSD
Date Sampled...: 07/19/07 15:30 **Date Received..:** 07/21/07
Prep Date.....: 07/23/07 **Analysis Date..:** 07/28/07
Prep Batch #...: 7204330 **Analysis Time..:** 09:55
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Diesel Range Organics (C10-C28)	**68**	**(56 - 115)**			**SW846 8015B**
	68	**(56 - 115)**	**2.2**	**(0-23)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	68	(45 - 115)
	67	(45 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: D7G210163 **Work Order #...:** J3C0T1DD-MS **Matrix.....:** SO
MS Lot-Sample #: D7G210163-008 J3C0T1DE-MSD
Date Sampled...: 07/19/07 15:30 **Date Received..:** 07/21/07
Prep Date.....: 07/23/07 **Analysis Date..:** 07/28/07
Prep Batch #...: 7204330 **Analysis Time..:** 09:55
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Diesel Range Organics (C10-C28)	**2.3**	**90.8**	**64.4**	**mg/kg**	**68**		**SW846 8015B**
	2.3	**89.1**	**63.0**	**mg/kg**	**68**	**2.2**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	68	(45 - 115)
	67	(45 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: D7G210163 **Work Order #...:** J3C191DF-MS **Matrix.....:** SO
MS Lot-Sample #: D7G210163-023 J3C191DG-MSD
Date Sampled...: 07/20/07 12:00 **Date Received..:** 07/21/07
Prep Date.....: 07/23/07 **Analysis Date..:** 07/28/07
Prep Batch #...: 7204330 **Analysis Time..:** 15:31
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Diesel Range Organics (C10-C28)	**69**	**(56 - 115)**			**SW846 8015B**
	67	**(56 - 115)**	**1.4**	**(0-23)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	70	(45 - 115)
	67	(45 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: D7G210163 **Work Order #...:** J3C191DF-MS **Matrix.....:** SO
MS Lot-Sample #: D7G210163-023 J3C191DG-MSD
Date Sampled...: 07/20/07 12:00 **Date Received..:** 07/21/07
Prep Date.....: 07/23/07 **Analysis Date..:** 07/28/07
Prep Batch #...: 7204330 **Analysis Time..:** 15:31
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Diesel Range Organics (C10-C28)	**2.3**	**81.8**	**58.6**	**mg/kg**	**69**		**SW846 8015B**
	2.3	**84.8**	**59.5**	**mg/kg**	**67**	**1.4**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	70	(45 - 115)
	67	(45 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: D7G210163 **Work Order #...:** J3EQJ1AA **Matrix.....:** WATER
MB Lot-Sample #: D7G230000-477

Prep Date.....: 07/23/07 **Analysis Time..:** 19:56
Analysis Date..: 07/25/07 **Prep Batch #...:** 7204477
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	1.0	ug/L	SW846 8082
Aroclor 1221	ND	1.0	ug/L	SW846 8082
Aroclor 1232	ND	1.0	ug/L	SW846 8082
Aroclor 1242	ND	1.0	ug/L	SW846 8082
Aroclor 1248	ND	1.0	ug/L	SW846 8082
Aroclor 1254	ND	1.0	ug/L	SW846 8082
Aroclor 1260	ND	1.0	ug/L	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	62	(51 - 122)
Decachlorobiphenyl	77	(41 - 138)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: D7G210163 **Work Order #...:** J3EQJ1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: D7G230000-477 J3EQJ1AD-LCSD
Prep Date.....: 07/23/07 **Analysis Date..:** 07/25/07
Prep Batch #...: 7204477 **Analysis Time..:** 20:13
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**97**	**(61 - 125)**			**SW846 8082**
	99	**(61 - 125)**	**1.8**	**(0-24)**	**SW846 8082**
Aroclor 1260	**103**	**(63 - 129)**			**SW846 8082**
	111	**(63 - 129)**	**7.0**	**(0-24)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	77	(41 - 117)
	80	(41 - 117)
Decachlorobiphenyl	88	(29 - 143)
	94	(29 - 143)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: D7G210163 **Work Order #...:** J3EQJ1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: D7G230000-477 J3EQJ1AD-LCSD
Prep Date.....: 07/23/07 **Analysis Date..:** 07/25/07
Prep Batch #...: 7204477 **Analysis Time..:** 20:13
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Aroclor 1016	**2.00**	**1.94**	**ug/L**	**97**		**SW846 8082**
	2.00	**1.98**	**ug/L**	**99**	**1.8**	**SW846 8082**
Aroclor 1260	**2.00**	**2.06**	**ug/L**	**103**		**SW846 8082**
	2.00	**2.21**	**ug/L**	**111**	**7.0**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	77	(41 - 117)
	80	(41 - 117)
Decachlorobiphenyl	88	(29 - 143)
	94	(29 - 143)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Lot-Sample #...: D7G210163 **Work Order #...:** J3C4M1AJ **Matrix.....:** WATER
MS Lot-Sample #: D7G210184-003
Date Sampled...: 07/17/07 17:50 **Date Received..:** 07/21/07
Prep Date.....: 07/23/07 **Analysis Date..:** 07/26/07
Prep Batch #...: 7204477
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**101**	**(53 - 130)**	**SW846 8082**
Aroclor 1260	**112**	**(58 - 150)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	86	(51 - 122)
Decachlorobiphenyl	97	(41 - 138)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Lot-Sample #...: D7G210163 **Work Order #...:** J3C4M1AJ **Matrix.....:** WATER
MS Lot-Sample #: D7G210184-003
Date Sampled...: 07/17/07 17:50 **Date Received..:** 07/21/07
Prep Date.....: 07/23/07 **Analysis Date..:** 07/26/07
Prep Batch #...: 7204477
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aroclor 1016	**ND**	**1.91**	**1.92**	**ug/L**	**101**	**SW846 8082**
Aroclor 1260	**ND**	**1.91**	**2.13**	**ug/L**	**112**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	86	(51 - 122)
Decachlorobiphenyl	97	(41 - 138)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

METHOD BLANK REPORT

HPLC

Client Lot #...: D7G210163
MB Lot-Sample #: R7H010000-214

Work Order #...: J30TK1AA

Matrix.....: WATER

Prep Date.....: 08/01/07
Prep Batch #...: 7213214

Analysis Date..: 08/01/07
Dilution Factor: 1

Analysis Time..: 18:49

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Perchlorate	ND	0.10	ug/L	SW846 6860

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

HPLC

Client Lot #...: D7G210163 **Work Order #...:** J30TK1AC **Matrix.....:** WATER
LCS Lot-Sample#: R7H010000-214
Prep Date.....: 08/01/07 **Analysis Date..:** 08/01/07
Prep Batch #...: 7213214 **Analysis Time..:** 19:18
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Perchlorate	**92**	**(80 - 120)**	**SW846 6860**

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

HPLC

Client Lot #...: D7G210163 **Work Order #...:** J30TK1AC **Matrix.....:** WATER
LCS Lot-Sample#: R7H010000-214
Prep Date.....: 08/01/07 **Analysis Date..:** 08/01/07
Prep Batch #...: 7213214 **Analysis Time..:** 19:18
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Perchlorate	**0.100**	**0.0925**	**ug/L**	**92**	**SW846 6860**

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

HPLC

Client Lot #...: D7G210163 **Work Order #...:** J29EF1AT-MS **Matrix.....:** WATER
MS Lot-Sample #: D7G200178-005 J29EF1AU-MSD
Date Sampled...: 07/18/07 16:45 **Date Received..:** 07/20/07
Prep Date.....: 08/01/07 **Analysis Date..:** 08/03/07
Prep Batch #...: 7213214 **Analysis Time..:** 00:14
Dilution Factor: 5

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Perchlorate	**82**	**(80 - 120)**			**SW846 6860**
	73 a	**(80 - 120)**	**2.0**	**(0-15)**	**SW846 6860**

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

HPLC

Client Lot #...: D7G210163 **Work Order #...:** J29EF1AT-MS **Matrix.....:** WATER
MS Lot-Sample #: D7G200178-005 J29EF1AU-MSD
Date Sampled...: 07/18/07 16:45 **Date Received..:** 07/20/07
Prep Date.....: 08/01/07 **Analysis Date..:** 08/03/07
Prep Batch #...: 7213214 **Analysis Time..:** 00:14
Dilution Factor: 5

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Perchlorate	**1.8**	**0.500**	**2.17**	**ug/L**	**82**		**SW846 6860**
	1.8	**0.500**	**2.13**	**ug/L**	**73 a**	**2.0**	**SW846 6860**

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D7G210163 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: D7G230000-497 **Prep Batch #...:** 7204497						
Silver	ND	10	ug/L	SW846 6010B	07/24-07/25/07	J3ETE1AE
		Dilution Factor: 1				
		Analysis Time..: 17:17				
Aluminum	ND	100	ug/L	SW846 6010B	07/24-07/25/07	J3ETE1AF
		Dilution Factor: 1				
		Analysis Time..: 17:17				
Arsenic	ND	15	ug/L	SW846 6010B	07/24-07/25/07	J3ETE1AG
		Dilution Factor: 1				
		Analysis Time..: 17:17				
Barium	ND	10	ug/L	SW846 6010B	07/24-07/25/07	J3ETE1AH
		Dilution Factor: 1				
		Analysis Time..: 17:17				
Beryllium	ND	5.0	ug/L	SW846 6010B	07/24-07/25/07	J3ETE1AJ
		Dilution Factor: 1				
		Analysis Time..: 17:17				
Calcium	**69 B**	**200**	**ug/L**	**SW846 6010B**	**07/24-07/25/07**	**J3ETE1AK**
		Dilution Factor: 1				
		Analysis Time..: 17:17				
Cadmium	ND	5.0	ug/L	SW846 6010B	07/24-07/25/07	J3ETE1AL
		Dilution Factor: 1				
		Analysis Time..: 17:17				
Cobalt	ND	10	ug/L	SW846 6010B	07/24-07/25/07	J3ETE1AM
		Dilution Factor: 1				
		Analysis Time..: 17:17				
Chromium	ND	10	ug/L	SW846 6010B	07/24-07/25/07	J3ETE1AN
		Dilution Factor: 1				
		Analysis Time..: 17:17				
Copper	ND	15	ug/L	SW846 6010B	07/24-07/25/07	J3ETE1AP
		Dilution Factor: 1				
		Analysis Time..: 17:17				
Iron	**72 B**	**100**	**ug/L**	**SW846 6010B**	**07/24-07/25/07**	**J3ETE1AQ**
		Dilution Factor: 1				
		Analysis Time..: 17:17				

(Continued on next page)

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D7G210163 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	ND	3000	ug/L	SW846 6010B	07/24-07/25/07	J3ETE1AR
		Dilution Factor: 1				
		Analysis Time..: 17:17				
Magnesium	ND	200	ug/L	SW846 6010B	07/24-07/25/07	J3ETE1AT
		Dilution Factor: 1				
		Analysis Time..: 17:17				
Manganese	ND	10	ug/L	SW846 6010B	07/24-07/25/07	J3ETE1AU
		Dilution Factor: 1				
		Analysis Time..: 17:17				
Sodium	ND	1000	ug/L	SW846 6010B	07/24-07/25/07	J3ETE1AV
		Dilution Factor: 1				
		Analysis Time..: 17:17				
Nickel	ND	40	ug/L	SW846 6010B	07/24-07/25/07	J3ETE1AW
		Dilution Factor: 1				
		Analysis Time..: 17:17				
Lead	ND	9.0	ug/L	SW846 6010B	07/24-07/25/07	J3ETE1AX
		Dilution Factor: 1				
		Analysis Time..: 17:17				
Antimony	ND	10	ug/L	SW846 6010B	07/24-07/25/07	J3ETE1A0
		Dilution Factor: 1				
		Analysis Time..: 17:17				
Selenium	ND	15	ug/L	SW846 6010B	07/24-07/25/07	J3ETE1A1
		Dilution Factor: 1				
		Analysis Time..: 17:17				
Thallium	ND	15	ug/L	SW846 6010B	07/24-07/25/07	J3ETE1AA
		Dilution Factor: 1				
		Analysis Time..: 17:17				
Vanadium	ND	10	ug/L	SW846 6010B	07/24-07/25/07	J3ETE1AC
		Dilution Factor: 1				
		Analysis Time..: 17:17				
Zinc	**6.2 B**	**20**	**ug/L**	**SW846 6010B**	**07/24-07/25/07**	**J3ETE1AD**
		Dilution Factor: 1				
		Analysis Time..: 17:17				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D7G210163 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: D7G280000-154 **Prep Batch #...:** 7209154						
Mercury	**0.028 B**	**0.20**	**ug/L**	**SW846 7470A**	**08/02-08/03/07**	**J3WJE1AA**
		Dilution Factor: 1				
		Analysis Time..: 00:33				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D7G210163

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: D7G240000-124	**Prep Batch #...:** 7205124					
Aluminum	ND	10	mg/kg	SW846 6010B	07/24-07/25/07	J3FDT1AC
		Dilution Factor: 1				
		Analysis Time..: 14:29				
Antimony	ND	1.5	mg/kg	SW846 6010B	07/24-07/25/07	J3FDT1AV
		Dilution Factor: 1				
		Analysis Time..: 14:29				
Arsenic	ND	2.0	mg/kg	SW846 6010B	07/24-07/25/07	J3FDT1AD
		Dilution Factor: 1				
		Analysis Time..: 14:29				
Barium	ND	1.0	mg/kg	SW846 6010B	07/24-07/25/07	J3FDT1AE
		Dilution Factor: 1				
		Analysis Time..: 14:29				
Beryllium	ND	0.50	mg/kg	SW846 6010B	07/24-07/25/07	J3FDT1AF
		Dilution Factor: 1				
		Analysis Time..: 14:29				
Cadmium	ND	0.50	mg/kg	SW846 6010B	07/24-07/25/07	J3FDT1AH
		Dilution Factor: 1				
		Analysis Time..: 14:29				
Calcium	**14 B**	**50**	**mg/kg**	**SW846 6010B**	**07/24-07/25/07**	**J3FDT1AG**
		Dilution Factor: 1				
		Analysis Time..: 14:29				
Chromium	ND	1.5	mg/kg	SW846 6010B	07/24-07/25/07	J3FDT1AK
		Dilution Factor: 1				
		Analysis Time..: 14:29				
Cobalt	ND	1.0	mg/kg	SW846 6010B	07/24-07/25/07	J3FDT1AJ
		Dilution Factor: 1				
		Analysis Time..: 14:29				
Copper	ND	2.0	mg/kg	SW846 6010B	07/24-07/25/07	J3FDT1AL
		Dilution Factor: 1				
		Analysis Time..: 14:29				
Iron	ND	15	mg/kg	SW846 6010B	07/24-07/25/07	J3FDT1AM
		Dilution Factor: 1				
		Analysis Time..: 14:29				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D7G210163 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Lead	ND	0.80	mg/kg	SW846 6010B	07/24-07/25/07	J3FDT1AU
		Dilution Factor: 1				
		Analysis Time..: 14:29				
Magnesium	ND	20	mg/kg	SW846 6010B	07/24-07/25/07	J3FDT1AP
		Dilution Factor: 1				
		Analysis Time..: 14:29				
Manganese	ND	1.0	mg/kg	SW846 6010B	07/24-07/25/07	J3FDT1AQ
		Dilution Factor: 1				
		Analysis Time..: 14:29				
Nickel	ND	4.0	mg/kg	SW846 6010B	07/24-07/25/07	J3FDT1AT
		Dilution Factor: 1				
		Analysis Time..: 14:29				
Potassium	ND	300	mg/kg	SW846 6010B	07/24-07/25/07	J3FDT1AN
		Dilution Factor: 1				
		Analysis Time..: 14:29				
Selenium	ND	1.3	mg/kg	SW846 6010B	07/24-07/25/07	J3FDT1AW
		Dilution Factor: 1				
		Analysis Time..: 14:29				
Silver	ND	1.0	mg/kg	SW846 6010B	07/24-07/25/07	J3FDT1AA
		Dilution Factor: 1				
		Analysis Time..: 14:29				
Sodium	ND	500	mg/kg	SW846 6010B	07/24-07/25/07	J3FDT1AR
		Dilution Factor: 1				
		Analysis Time..: 14:29				
Thallium	ND	1.2	mg/kg	SW846 6010B	07/24-07/25/07	J3FDT1AX
		Dilution Factor: 1				
		Analysis Time..: 14:29				
Vanadium	ND	2.0	mg/kg	SW846 6010B	07/24-07/25/07	J3FDT1A0
		Dilution Factor: 1				
		Analysis Time..: 14:29				
Zinc	ND	3.0	mg/kg	SW846 6010B	07/24-07/25/07	J3FDT1A1
		Dilution Factor: 1				
		Analysis Time..: 14:29				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D7G210163 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: D7G260000-202 **Prep Batch #...:** 7207202						
Mercury	ND	33	ug/kg	SW846 7471A	08/02-08/03/07	J3K321AA
		Dilution Factor: 1				
		Analysis Time..: 14:09				
MB Lot-Sample #: D7G270000-403 **Prep Batch #...:** 7208403						
Aluminum	ND	10	mg/kg	SW846 6010B	07/31/07	J3VG71AJ
		Dilution Factor: 1				
		Analysis Time..: 21:20				
Antimony	ND	1.5	mg/kg	SW846 6010B	07/31/07	J3VG71AC
		Dilution Factor: 1				
		Analysis Time..: 21:20				
Arsenic	ND	2.0	mg/kg	SW846 6010B	07/31/07	J3VG71AK
		Dilution Factor: 1				
		Analysis Time..: 21:20				
Barium	ND	1.0	mg/kg	SW846 6010B	07/31/07	J3VG71AL
		Dilution Factor: 1				
		Analysis Time..: 21:20				
Beryllium	ND	0.50	mg/kg	SW846 6010B	07/31/07	J3VG71AM
		Dilution Factor: 1				
		Analysis Time..: 21:20				
Cadmium	ND	0.50	mg/kg	SW846 6010B	07/31/07	J3VG71AP
		Dilution Factor: 1				
		Analysis Time..: 21:20				
Calcium	ND	50	mg/kg	SW846 6010B	07/31/07	J3VG71AN
		Dilution Factor: 1				
		Analysis Time..: 21:20				
Chromium	ND	1.5	mg/kg	SW846 6010B	07/31/07	J3VG71AR
		Dilution Factor: 1				
		Analysis Time..: 21:20				
Cobalt	ND	1.0	mg/kg	SW846 6010B	07/31/07	J3VG71AQ
		Dilution Factor: 1				
		Analysis Time..: 21:20				
Copper	ND	2.0	mg/kg	SW846 6010B	07/31/07	J3VG71AT
		Dilution Factor: 1				
		Analysis Time..: 21:20				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D7G210163 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Iron	ND	15	mg/kg	SW846 6010B	07/31/07	J3VG71AU
		Dilution Factor: 1				
		Analysis Time..: 21:20				
Lead	ND	0.80	mg/kg	SW846 6010B	07/31/07	J3VG71AA
		Dilution Factor: 1				
		Analysis Time..: 21:20				
Magnesium	ND	20	mg/kg	SW846 6010B	07/31/07	J3VG71AW
		Dilution Factor: 1				
		Analysis Time..: 21:20				
Manganese	ND	1.0	mg/kg	SW846 6010B	07/31/07	J3VG71AX
		Dilution Factor: 1				
		Analysis Time..: 21:20				
Nickel	ND	4.0	mg/kg	SW846 6010B	07/31/07	J3VG71A1
		Dilution Factor: 1				
		Analysis Time..: 21:20				
Potassium	ND	300	mg/kg	SW846 6010B	07/31/07	J3VG71AV
		Dilution Factor: 1				
		Analysis Time..: 21:20				
Selenium	ND	1.3	mg/kg	SW846 6010B	07/31/07	J3VG71AD
		Dilution Factor: 1				
		Analysis Time..: 21:20				
Silver	ND	1.0	mg/kg	SW846 6010B	07/31/07	J3VG71AH
		Dilution Factor: 1				
		Analysis Time..: 21:20				
Sodium	ND	500	mg/kg	SW846 6010B	07/31/07	J3VG71A0
		Dilution Factor: 1				
		Analysis Time..: 21:20				
Thallium	ND	1.2	mg/kg	SW846 6010B	07/31/07	J3VG71AE
		Dilution Factor: 1				
		Analysis Time..: 21:20				
Vanadium	ND	2.0	mg/kg	SW846 6010B	07/31/07	J3VG71AF
		Dilution Factor: 1				
		Analysis Time..: 21:20				
Zinc	ND	3.0	mg/kg	SW846 6010B	07/31/07	J3VG71AG
		Dilution Factor: 1				
		Analysis Time..: 21:20				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D7G210163 **Matrix.....:** SOLID

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7G210163 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: D7G230000-497 **Prep Batch #...:** 7204497					
Silver	96	(86 - 115)	SW846 6010B	07/24-07/25/07	J3ETE1A5
		Dilution Factor: 1	Analysis Time..: 17:22		
Aluminum	94	(87 - 111)	SW846 6010B	07/24-07/25/07	J3ETE1A6
		Dilution Factor: 1	Analysis Time..: 17:22		
Arsenic	92	(88 - 110)	SW846 6010B	07/24-07/25/07	J3ETE1A7
		Dilution Factor: 1	Analysis Time..: 17:22		
Barium	98	(90 - 112)	SW846 6010B	07/24-07/25/07	J3ETE1A8
		Dilution Factor: 1	Analysis Time..: 17:22		
Beryllium	96	(89 - 113)	SW846 6010B	07/24-07/25/07	J3ETE1A9
		Dilution Factor: 1	Analysis Time..: 17:22		
Calcium	96	(90 - 111)	SW846 6010B	07/24-07/25/07	J3ETE1CA
		Dilution Factor: 1	Analysis Time..: 17:22		
Cadmium	98	(88 - 111)	SW846 6010B	07/24-07/25/07	J3ETE1CC
		Dilution Factor: 1	Analysis Time..: 17:22		
Cobalt	94	(89 - 111)	SW846 6010B	07/24-07/25/07	J3ETE1CD
		Dilution Factor: 1	Analysis Time..: 17:22		
Chromium	98	(90 - 113)	SW846 6010B	07/24-07/25/07	J3ETE1CE
		Dilution Factor: 1	Analysis Time..: 17:22		
Copper	95	(86 - 112)	SW846 6010B	07/24-07/25/07	J3ETE1CF
		Dilution Factor: 1	Analysis Time..: 17:22		
Iron	96	(89 - 115)	SW846 6010B	07/24-07/25/07	J3ETE1CG
		Dilution Factor: 1	Analysis Time..: 17:22		
Potassium	99	(89 - 114)	SW846 6010B	07/24-07/25/07	J3ETE1CH
		Dilution Factor: 1	Analysis Time..: 17:22		
Magnesium	94	(90 - 113)	SW846 6010B	07/24-07/25/07	J3ETE1CJ
		Dilution Factor: 1	Analysis Time..: 17:22		
Manganese	95	(90 - 110)	SW846 6010B	07/24-07/25/07	J3ETE1CK
		Dilution Factor: 1	Analysis Time..: 17:22		

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7G210163 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	97	(90 - 115)	SW846 6010B	07/24-07/25/07	J3ETE1CL
		Dilution Factor: 1	Analysis Time..: 17:22		
Nickel	94	(89 - 111)	SW846 6010B	07/24-07/25/07	J3ETE1CM
		Dilution Factor: 1	Analysis Time..: 17:22		
Lead	92	(89 - 110)	SW846 6010B	07/24-07/25/07	J3ETE1CN
		Dilution Factor: 1	Analysis Time..: 17:22		
Antimony	94	(88 - 110)	SW846 6010B	07/24-07/25/07	J3ETE1CP
		Dilution Factor: 1	Analysis Time..: 17:22		
Selenium	92	(85 - 112)	SW846 6010B	07/24-07/25/07	J3ETE1CQ
		Dilution Factor: 1	Analysis Time..: 17:22		
Thallium	92	(88 - 110)	SW846 6010B	07/24-07/25/07	J3ETE1A2
		Dilution Factor: 1	Analysis Time..: 17:22		
Vanadium	96	(90 - 111)	SW846 6010B	07/24-07/25/07	J3ETE1A3
		Dilution Factor: 1	Analysis Time..: 17:22		
Zinc	95	(85 - 111)	SW846 6010B	07/24-07/25/07	J3ETE1A4
		Dilution Factor: 1	Analysis Time..: 17:22		

LCS Lot-Sample#: D7G280000-154 **Prep Batch #...:** 7209154

Mercury	102	(88 - 111)	SW846 7470A	08/02-08/03/07	J3WJE1AC
		Dilution Factor: 1	Analysis Time..: 12:32		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7G210163 **Matrix.....:** WATER

LCS Lot-Sample#: D7G230000-497 **Prep Batch #...:** 7204497

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	50.0	47.9	ug/L	96	SW846 6010B	07/24-07/25/07	J3ETE1A5
			Dilution Factor: 1		Analysis Time..: 17:22		
Aluminum	2000	1870	ug/L	94	SW846 6010B	07/24-07/25/07	J3ETE1A6
			Dilution Factor: 1		Analysis Time..: 17:22		
Arsenic	1000	915	ug/L	92	SW846 6010B	07/24-07/25/07	J3ETE1A7
			Dilution Factor: 1		Analysis Time..: 17:22		
Barium	2000	1960	ug/L	98	SW846 6010B	07/24-07/25/07	J3ETE1A8
			Dilution Factor: 1		Analysis Time..: 17:22		
Beryllium	50.0	48.1	ug/L	96	SW846 6010B	07/24-07/25/07	J3ETE1A9
			Dilution Factor: 1		Analysis Time..: 17:22		
Calcium	50000	47900	ug/L	96	SW846 6010B	07/24-07/25/07	J3ETE1CA
			Dilution Factor: 1		Analysis Time..: 17:22		
Cadmium	100	98.4	ug/L	98	SW846 6010B	07/24-07/25/07	J3ETE1CC
			Dilution Factor: 1		Analysis Time..: 17:22		
Cobalt	500	472	ug/L	94	SW846 6010B	07/24-07/25/07	J3ETE1CD
			Dilution Factor: 1		Analysis Time..: 17:22		
Chromium	200	196	ug/L	98	SW846 6010B	07/24-07/25/07	J3ETE1CE
			Dilution Factor: 1		Analysis Time..: 17:22		
Copper	250	237	ug/L	95	SW846 6010B	07/24-07/25/07	J3ETE1CF
			Dilution Factor: 1		Analysis Time..: 17:22		
Iron	1000	960	ug/L	96	SW846 6010B	07/24-07/25/07	J3ETE1CG
			Dilution Factor: 1		Analysis Time..: 17:22		
Potassium	50000	49500	ug/L	99	SW846 6010B	07/24-07/25/07	J3ETE1CH
			Dilution Factor: 1		Analysis Time..: 17:22		
Magnesium	50000	46800	ug/L	94	SW846 6010B	07/24-07/25/07	J3ETE1CJ
			Dilution Factor: 1		Analysis Time..: 17:22		
Manganese	500	476	ug/L	95	SW846 6010B	07/24-07/25/07	J3ETE1CK
			Dilution Factor: 1		Analysis Time..: 17:22		

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7G210163 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	50000	48700	ug/L	97	SW846 6010B	07/24-07/25/07	J3ETE1CL
			Dilution Factor: 1		Analysis Time..: 17:22		
Nickel	500	470	ug/L	94	SW846 6010B	07/24-07/25/07	J3ETE1CM
			Dilution Factor: 1		Analysis Time..: 17:22		
Lead	500	459	ug/L	92	SW846 6010B	07/24-07/25/07	J3ETE1CN
			Dilution Factor: 1		Analysis Time..: 17:22		
Antimony	500	469	ug/L	94	SW846 6010B	07/24-07/25/07	J3ETE1CP
			Dilution Factor: 1		Analysis Time..: 17:22		
Selenium	2000	1840	ug/L	92	SW846 6010B	07/24-07/25/07	J3ETE1CQ
			Dilution Factor: 1		Analysis Time..: 17:22		
Thallium	2000	1840	ug/L	92	SW846 6010B	07/24-07/25/07	J3ETE1A2
			Dilution Factor: 1		Analysis Time..: 17:22		
Vanadium	500	480	ug/L	96	SW846 6010B	07/24-07/25/07	J3ETE1A3
			Dilution Factor: 1		Analysis Time..: 17:22		
Zinc	500	474	ug/L	95	SW846 6010B	07/24-07/25/07	J3ETE1A4
			Dilution Factor: 1		Analysis Time..: 17:22		

LCS Lot-Sample#: D7G280000-154 **Prep Batch #...:** 7209154

Mercury	5.00	5.12	ug/L	102	SW846 7470A	08/02-08/03/07	J3WJE1AC
			Dilution Factor: 1		Analysis Time..: 12:32		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7G210163 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: D7G240000-124 **Prep Batch #...:** 7205124					
Silver	98	(87 - 114)	SW846 6010B	07/24-07/25/07	J3FDT1A2
		Dilution Factor: 1	Analysis Time..: 14:34		
Aluminum	97	(82 - 116)	SW846 6010B	07/24-07/25/07	J3FDT1A3
		Dilution Factor: 1	Analysis Time..: 14:34		
Arsenic	94	(85 - 110)	SW846 6010B	07/24-07/25/07	J3FDT1A4
		Dilution Factor: 1	Analysis Time..: 14:34		
Barium	99	(87 - 112)	SW846 6010B	07/24-07/25/07	J3FDT1A5
		Dilution Factor: 1	Analysis Time..: 14:34		
Beryllium	98	(84 - 114)	SW846 6010B	07/24-07/25/07	J3FDT1A6
		Dilution Factor: 1	Analysis Time..: 14:34		
Calcium	98	(82 - 114)	SW846 6010B	07/24-07/25/07	J3FDT1A7
		Dilution Factor: 1	Analysis Time..: 14:34		
Cadmium	101	(87 - 110)	SW846 6010B	07/24-07/25/07	J3FDT1A8
		Dilution Factor: 1	Analysis Time..: 14:34		
Cobalt	96	(87 - 110)	SW846 6010B	07/24-07/25/07	J3FDT1A9
		Dilution Factor: 1	Analysis Time..: 14:34		
Chromium	99	(84 - 114)	SW846 6010B	07/24-07/25/07	J3FDT1CA
		Dilution Factor: 1	Analysis Time..: 14:34		
Copper	99	(88 - 110)	SW846 6010B	07/24-07/25/07	J3FDT1CC
		Dilution Factor: 1	Analysis Time..: 14:34		
Iron	97	(87 - 120)	SW846 6010B	07/24-07/25/07	J3FDT1CD
		Dilution Factor: 1	Analysis Time..: 14:34		
Potassium	101	(89 - 110)	SW846 6010B	07/24-07/25/07	J3FDT1CE
		Dilution Factor: 1	Analysis Time..: 14:34		
Magnesium	95	(90 - 110)	SW846 6010B	07/24-07/25/07	J3FDT1CF
		Dilution Factor: 1	Analysis Time..: 14:34		
Manganese	96	(88 - 110)	SW846 6010B	07/24-07/25/07	J3FDT1CG
		Dilution Factor: 1	Analysis Time..: 14:34		

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7G210163 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	98	(90 - 112)	SW846 6010B	07/24-07/25/07	J3FDT1CH
		Dilution Factor: 1	Analysis Time..: 14:34		
Nickel	97	(87 - 110)	SW846 6010B	07/24-07/25/07	J3FDT1CJ
		Dilution Factor: 1	Analysis Time..: 14:34		
Lead	93	(86 - 110)	SW846 6010B	07/24-07/25/07	J3FDT1CK
		Dilution Factor: 1	Analysis Time..: 14:34		
Antimony	94	(82 - 110)	SW846 6010B	07/24-07/25/07	J3FDT1CL
		Dilution Factor: 1	Analysis Time..: 14:34		
Selenium	94	(83 - 110)	SW846 6010B	07/24-07/25/07	J3FDT1CM
		Dilution Factor: 1	Analysis Time..: 14:34		
Thallium	94	(84 - 110)	SW846 6010B	07/24-07/25/07	J3FDT1CN
		Dilution Factor: 1	Analysis Time..: 14:34		
Vanadium	97	(88 - 110)	SW846 6010B	07/24-07/25/07	J3FDT1CP
		Dilution Factor: 1	Analysis Time..: 14:34		
Zinc	97	(76 - 114)	SW846 6010B	07/24-07/25/07	J3FDT1CQ
		Dilution Factor: 1	Analysis Time..: 14:34		
LCS Lot-Sample#: D7G260000-202 **Prep Batch #...:** 7207202					
Mercury	104	(87 - 111)	SW846 7471A	08/02-08/03/07	J3K321AC
		Dilution Factor: 1	Analysis Time..: 14:11		
LCS Lot-Sample#: D7G270000-403 **Prep Batch #...:** 7208403					
Lead	94	(86 - 110)	SW846 6010B	07/31/07	J3VG71A2
		Dilution Factor: 1	Analysis Time..: 21:25		
Antimony	93	(82 - 110)	SW846 6010B	07/31/07	J3VG71A3
		Dilution Factor: 1	Analysis Time..: 21:25		
Selenium	94	(83 - 110)	SW846 6010B	07/31/07	J3VG71A4
		Dilution Factor: 1	Analysis Time..: 21:25		
Thallium	92	(84 - 110)	SW846 6010B	07/31/07	J3VG71A5
		Dilution Factor: 1	Analysis Time..: 21:25		
Vanadium	94	(88 - 110)	SW846 6010B	07/31/07	J3VG71A6
		Dilution Factor: 1	Analysis Time..: 21:25		

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7G210163 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc	98	(76 - 114)	SW846 6010B	07/31/07	J3VG71A7
		Dilution Factor: 1	Analysis Time..: 21:25		
Silver	98	(87 - 114)	SW846 6010B	07/31/07	J3VG71A8
		Dilution Factor: 1	Analysis Time..: 21:25		
Aluminum	94	(82 - 116)	SW846 6010B	07/31/07	J3VG71A9
		Dilution Factor: 1	Analysis Time..: 21:25		
Arsenic	93	(85 - 110)	SW846 6010B	07/31/07	J3VG71CA
		Dilution Factor: 1	Analysis Time..: 21:25		
Barium	95	(87 - 112)	SW846 6010B	07/31/07	J3VG71CC
		Dilution Factor: 1	Analysis Time..: 21:25		
Beryllium	95	(84 - 114)	SW846 6010B	07/31/07	J3VG71CD
		Dilution Factor: 1	Analysis Time..: 21:25		
Calcium	94	(82 - 114)	SW846 6010B	07/31/07	J3VG71CE
		Dilution Factor: 1	Analysis Time..: 21:25		
Cadmium	99	(87 - 110)	SW846 6010B	07/31/07	J3VG71CF
		Dilution Factor: 1	Analysis Time..: 21:25		
Cobalt	95	(87 - 110)	SW846 6010B	07/31/07	J3VG71CG
		Dilution Factor: 1	Analysis Time..: 21:25		
Chromium	98	(84 - 114)	SW846 6010B	07/31/07	J3VG71CH
		Dilution Factor: 1	Analysis Time..: 21:25		
Copper	99	(88 - 110)	SW846 6010B	07/31/07	J3VG71CJ
		Dilution Factor: 1	Analysis Time..: 21:25		
Iron	92	(87 - 120)	SW846 6010B	07/31/07	J3VG71CK
		Dilution Factor: 1	Analysis Time..: 21:25		
Potassium	100	(89 - 110)	SW846 6010B	07/31/07	J3VG71CL
		Dilution Factor: 1	Analysis Time..: 21:25		
Magnesium	90	(90 - 110)	SW846 6010B	07/31/07	J3VG71CM
		Dilution Factor: 1	Analysis Time..: 21:25		
Manganese	96	(88 - 110)	SW846 6010B	07/31/07	J3VG71CN
		Dilution Factor: 1	Analysis Time..: 21:25		

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7G210163 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	98	(90 - 112)	SW846 6010B	07/31/07	J3VG71CP
		Dilution Factor: 1	Analysis Time..: 21:25		
Nickel	92	(87 - 110)	SW846 6010B	07/31/07	J3VG71CQ
		Dilution Factor: 1	Analysis Time..: 21:25		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7G210163 **Matrix.....:** SOLID

LCS Lot-Sample#: D7G240000-124 **Prep Batch #...:** 7205124

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	5.00	4.92	mg/kg	98	SW846 6010B	07/24-07/25/07	J3FDT1A2
			Dilution Factor: 1		Analysis Time..: 14:34		
Aluminum	200	194	mg/kg	97	SW846 6010B	07/24-07/25/07	J3FDT1A3
			Dilution Factor: 1		Analysis Time..: 14:34		
Arsenic	100	93.8	mg/kg	94	SW846 6010B	07/24-07/25/07	J3FDT1A4
			Dilution Factor: 1		Analysis Time..: 14:34		
Barium	200	199	mg/kg	99	SW846 6010B	07/24-07/25/07	J3FDT1A5
			Dilution Factor: 1		Analysis Time..: 14:34		
Beryllium	5.00	4.88	mg/kg	98	SW846 6010B	07/24-07/25/07	J3FDT1A6
			Dilution Factor: 1		Analysis Time..: 14:34		
Calcium	5000	4900	mg/kg	98	SW846 6010B	07/24-07/25/07	J3FDT1A7
			Dilution Factor: 1		Analysis Time..: 14:34		
Cadmium	10.0	10.1	mg/kg	101	SW846 6010B	07/24-07/25/07	J3FDT1A8
			Dilution Factor: 1		Analysis Time..: 14:34		
Cobalt	50.0	48.2	mg/kg	96	SW846 6010B	07/24-07/25/07	J3FDT1A9
			Dilution Factor: 1		Analysis Time..: 14:34		
Chromium	20.0	19.9	mg/kg	99	SW846 6010B	07/24-07/25/07	J3FDT1CA
			Dilution Factor: 1		Analysis Time..: 14:34		
Copper	25.0	24.6	mg/kg	99	SW846 6010B	07/24-07/25/07	J3FDT1CC
			Dilution Factor: 1		Analysis Time..: 14:34		
Iron	100	97.1	mg/kg	97	SW846 6010B	07/24-07/25/07	J3FDT1CD
			Dilution Factor: 1		Analysis Time..: 14:34		
Potassium	5000	5030	mg/kg	101	SW846 6010B	07/24-07/25/07	J3FDT1CE
			Dilution Factor: 1		Analysis Time..: 14:34		
Magnesium	5000	4770	mg/kg	95	SW846 6010B	07/24-07/25/07	J3FDT1CF
			Dilution Factor: 1		Analysis Time..: 14:34		
Manganese	50.0	48.1	mg/kg	96	SW846 6010B	07/24-07/25/07	J3FDT1CG
			Dilution Factor: 1		Analysis Time..: 14:34		

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7G210163 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	5000	4890	mg/kg	98	SW846 6010B	07/24-07/25/07	J3FDT1CH
			Dilution Factor: 1		Analysis Time..: 14:34		
Nickel	50.0	48.4	mg/kg	97	SW846 6010B	07/24-07/25/07	J3FDT1CJ
			Dilution Factor: 1		Analysis Time..: 14:34		
Lead	50.0	46.7	mg/kg	93	SW846 6010B	07/24-07/25/07	J3FDT1CK
			Dilution Factor: 1		Analysis Time..: 14:34		
Antimony	50.0	47.2	mg/kg	94	SW846 6010B	07/24-07/25/07	J3FDT1CL
			Dilution Factor: 1		Analysis Time..: 14:34		
Selenium	200	187	mg/kg	94	SW846 6010B	07/24-07/25/07	J3FDT1CM
			Dilution Factor: 1		Analysis Time..: 14:34		
Thallium	200	188	mg/kg	94	SW846 6010B	07/24-07/25/07	J3FDT1CN
			Dilution Factor: 1		Analysis Time..: 14:34		
Vanadium	50.0	48.6	mg/kg	97	SW846 6010B	07/24-07/25/07	J3FDT1CP
			Dilution Factor: 1		Analysis Time..: 14:34		
Zinc	50.0	48.5	mg/kg	97	SW846 6010B	07/24-07/25/07	J3FDT1CQ
			Dilution Factor: 1		Analysis Time..: 14:34		
LCS Lot-Sample#: D7G260000-202 **Prep Batch #...:** 7207202							
Mercury	833	870	ug/kg	104	SW846 7471A	08/02-08/03/07	J3K321AC
			Dilution Factor: 1		Analysis Time..: 14:11		
LCS Lot-Sample#: D7G270000-403 **Prep Batch #...:** 7208403							
Lead	50.0	47.1	mg/kg	94	SW846 6010B	07/31/07	J3VG71A2
			Dilution Factor: 1		Analysis Time..: 21:25		
Antimony	50.0	46.7	mg/kg	93	SW846 6010B	07/31/07	J3VG71A3
			Dilution Factor: 1		Analysis Time..: 21:25		
Selenium	200	188	mg/kg	94	SW846 6010B	07/31/07	J3VG71A4
			Dilution Factor: 1		Analysis Time..: 21:25		
Thallium	200	185	mg/kg	92	SW846 6010B	07/31/07	J3VG71A5
			Dilution Factor: 1		Analysis Time..: 21:25		
Vanadium	50.0	47.1	mg/kg	94	SW846 6010B	07/31/07	J3VG71A6
			Dilution Factor: 1		Analysis Time..: 21:25		

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7G210163 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc	50.0	49.2	mg/kg	98	SW846 6010B	07/31/07	J3VG71A7
			Dilution Factor: 1		Analysis Time..: 21:25		
Silver	5.00	4.92	mg/kg	98	SW846 6010B	07/31/07	J3VG71A8
			Dilution Factor: 1		Analysis Time..: 21:25		
Aluminum	200	188	mg/kg	94	SW846 6010B	07/31/07	J3VG71A9
			Dilution Factor: 1		Analysis Time..: 21:25		
Arsenic	100	92.8	mg/kg	93	SW846 6010B	07/31/07	J3VG71CA
			Dilution Factor: 1		Analysis Time..: 21:25		
Barium	200	189	mg/kg	95	SW846 6010B	07/31/07	J3VG71CC
			Dilution Factor: 1		Analysis Time..: 21:25		
Beryllium	5.00	4.77	mg/kg	95	SW846 6010B	07/31/07	J3VG71CD
			Dilution Factor: 1		Analysis Time..: 21:25		
Calcium	5000	4720	mg/kg	94	SW846 6010B	07/31/07	J3VG71CE
			Dilution Factor: 1		Analysis Time..: 21:25		
Cadmium	10.0	9.92	mg/kg	99	SW846 6010B	07/31/07	J3VG71CF
			Dilution Factor: 1		Analysis Time..: 21:25		
Cobalt	50.0	47.6	mg/kg	95	SW846 6010B	07/31/07	J3VG71CG
			Dilution Factor: 1		Analysis Time..: 21:25		
Chromium	20.0	19.6	mg/kg	98	SW846 6010B	07/31/07	J3VG71CH
			Dilution Factor: 1		Analysis Time..: 21:25		
Copper	25.0	24.7	mg/kg	99	SW846 6010B	07/31/07	J3VG71CJ
			Dilution Factor: 1		Analysis Time..: 21:25		
Iron	100	91.9	mg/kg	92	SW846 6010B	07/31/07	J3VG71CK
			Dilution Factor: 1		Analysis Time..: 21:25		
Potassium	5000	5020	mg/kg	100	SW846 6010B	07/31/07	J3VG71CL
			Dilution Factor: 1		Analysis Time..: 21:25		
Magnesium	5000	4490	mg/kg	90	SW846 6010B	07/31/07	J3VG71CM
			Dilution Factor: 1		Analysis Time..: 21:25		
Manganese	50.0	47.9	mg/kg	96	SW846 6010B	07/31/07	J3VG71CN
			Dilution Factor: 1		Analysis Time..: 21:25		

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7G210163 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	5000	4890	mg/kg	98	SW846 6010B	07/31/07	J3VG71CP
			Dilution Factor: 1		Analysis Time..: 21:25		
Nickel	50.0	46.2	mg/kg	92	SW846 6010B	07/31/07	J3VG71CQ
			Dilution Factor: 1		Analysis Time..: 21:25		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7G210163 **Matrix.....:** WATER
Date Sampled...: 07/18/07 16:45 **Date Received..:** 07/20/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7G200178-005 **Prep Batch #...:** 7204497							
Silver	103	(75 - 141)			SW846 6010B	07/24-07/25/07	J29EF1A5
	102	(75 - 141)	1.0	(0-25)	SW846 6010B	07/24-07/25/07	J29EF1A6
		Dilution Factor: 1					
		Analysis Time..: 17:41					
Arsenic	99	(84 - 124)			SW846 6010B	07/24-07/25/07	J29EF1A7
	99	(84 - 124)	0.63	(0-25)	SW846 6010B	07/24-07/25/07	J29EF1A8
		Dilution Factor: 1					
		Analysis Time..: 17:41					
Barium	98	(85 - 120)			SW846 6010B	07/24-07/25/07	J29EF1AX
	98	(85 - 120)	0.71	(0-25)	SW846 6010B	07/24-07/25/07	J29EF1A0
		Dilution Factor: 1					
		Analysis Time..: 17:41					
Cadmium	104	(82 - 119)			SW846 6010B	07/24-07/25/07	J29EF1A1
	103	(82 - 119)	1.2	(0-25)	SW846 6010B	07/24-07/25/07	J29EF1A2
		Dilution Factor: 1					
		Analysis Time..: 17:41					
Chromium	95	(73 - 135)			SW846 6010B	07/24-07/25/07	J29EF1A3
	94	(73 - 135)	0.98	(0-25)	SW846 6010B	07/24-07/25/07	J29EF1A4
		Dilution Factor: 1					
		Analysis Time..: 17:41					
Lead	84 N	(89 - 121)			SW846 6010B	07/24-07/25/07	J29EF1A9
	83 N	(89 - 121)	0.91	(0-25)	SW846 6010B	07/24-07/25/07	J29EF1CA
		Dilution Factor: 1					
		Analysis Time..: 17:41					
Selenium	99	(71 - 140)			SW846 6010B	07/24-07/25/07	J29EF1AV
	98	(71 - 140)	0.63	(0-25)	SW846 6010B	07/24-07/25/07	J29EF1AW
		Dilution Factor: 1					
		Analysis Time..: 17:41					
Thallium	79 N	(90 - 116)			SW846 6010B	07/24-07/25/07	J29EF1CK
	78 N	(90 - 116)	1.4	(0-25)	SW846 6010B	07/24-07/25/07	J29EF1CL
		Dilution Factor: 1					
		Analysis Time..: 17:41					

MS Lot-Sample #: D7G200178-005 **Prep Batch #...:** 7209154

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7G210163
Date Sampled...: 07/18/07 16:45 **Date Received..:** 07/20/07

Matrix.....: WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Mercury	98	(88 - 111)			SW846 7470A	08/02-08/03/07	J29EF1CC
	101	(88 - 111)	2.9	(0-10)	SW846 7470A	08/02-08/03/07	J29EF1CD

Dilution Factor: 1
Analysis Time..: 00:42

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7G210163 **Matrix.....:** WATER
Date Sampled...: 07/18/07 16:45 **Date Received..:** 07/20/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7G200178-005 **Prep Batch #...:** 7204497									
Silver									
	ND	50.0	52.0	ug/L	103		SW846 6010B	07/24-07/25/07	J29EF1A5
	ND	50.0	51.5	ug/L	102	1.0	SW846 6010B	07/24-07/25/07	J29EF1A6
			Dilution Factor: 1						
			Analysis Time..: 17:41						
Arsenic									
	8.6	1000	1000	ug/L	99		SW846 6010B	07/24-07/25/07	J29EF1A7
	8.6	1000	994	ug/L	99	0.63	SW846 6010B	07/24-07/25/07	J29EF1A8
			Dilution Factor: 1						
			Analysis Time..: 17:41						
Barium									
	56	2000	2020	ug/L	98		SW846 6010B	07/24-07/25/07	J29EF1AX
	56	2000	2010	ug/L	98	0.71	SW846 6010B	07/24-07/25/07	J29EF1A0
			Dilution Factor: 1						
			Analysis Time..: 17:41						
Cadmium									
	1.1	100	105	ug/L	104		SW846 6010B	07/24-07/25/07	J29EF1A1
	1.1	100	104	ug/L	103	1.2	SW846 6010B	07/24-07/25/07	J29EF1A2
			Dilution Factor: 1						
			Analysis Time..: 17:41						
Chromium									
	ND	200	191	ug/L	95		SW846 6010B	07/24-07/25/07	J29EF1A3
	ND	200	189	ug/L	94	0.98	SW846 6010B	07/24-07/25/07	J29EF1A4
			Dilution Factor: 1						
			Analysis Time..: 17:41						
Lead									
	ND	500	420 N	ug/L	84		SW846 6010B	07/24-07/25/07	J29EF1A9
	ND	500	416 N	ug/L	83	0.91	SW846 6010B	07/24-07/25/07	J29EF1CA
			Dilution Factor: 1						
			Analysis Time..: 17:41						
Selenium									
	5.5	2000	1990	ug/L	99		SW846 6010B	07/24-07/25/07	J29EF1AV
	5.5	2000	1970	ug/L	98	0.63	SW846 6010B	07/24-07/25/07	J29EF1AW
			Dilution Factor: 1						
			Analysis Time..: 17:41						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7G210163 **Matrix.....:** WATER
Date Sampled...: 07/18/07 16:45 **Date Received..:** 07/20/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Thallium									
	ND	2000	1580 N	ug/L	79		SW846 6010B	07/24-07/25/07	J29EF1CK
	ND	2000	1560 N	ug/L	78	1.4	SW846 6010B	07/24-07/25/07	J29EF1CL

Dilution Factor: 1
Analysis Time..: 17:41

MS Lot-Sample #: D7G200178-005 **Prep Batch #...:** 7209154

Mercury									
	0.038	5.00	4.96	ug/L	98		SW846 7470A	08/02-08/03/07	J29EF1CC
	0.038	5.00	5.10	ug/L	101	2.9	SW846 7470A	08/02-08/03/07	J29EF1CD

Dilution Factor: 1
Analysis Time..: 00:42

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7G210163 **Matrix.....:** WG
Date Sampled...: 07/19/07 15:37 **Date Received..:** 07/21/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7G210163-012 **Prep Batch #...:** 7204497							
Silver	95	(75 - 141)			SW846 6010B	07/24-07/25/07	J3C051CE
	98	(75 - 141)	3.1	(0-25)	SW846 6010B	07/24-07/25/07	J3C051CF
		Dilution Factor: 1					
		Analysis Time..: 18:27					
Aluminum	80 N	(83 - 119)			SW846 6010B	07/24-07/25/07	J3C051CG
	82 N	(83 - 119)	2.1	(0-25)	SW846 6010B	07/24-07/25/07	J3C051CH
		Dilution Factor: 1					
		Analysis Time..: 18:27					
Arsenic	91	(84 - 124)			SW846 6010B	07/24-07/25/07	J3C051CJ
	93	(84 - 124)	1.9	(0-25)	SW846 6010B	07/24-07/25/07	J3C051CK
		Dilution Factor: 1					
		Analysis Time..: 18:27					
Barium	90	(85 - 120)			SW846 6010B	07/24-07/25/07	J3C051CL
	92	(85 - 120)	2.2	(0-25)	SW846 6010B	07/24-07/25/07	J3C051CM
		Dilution Factor: 1					
		Analysis Time..: 18:27					
Beryllium	84	(79 - 121)			SW846 6010B	07/24-07/25/07	J3C051CN
	86	(79 - 121)	2.5	(0-25)	SW846 6010B	07/24-07/25/07	J3C051CP
		Dilution Factor: 1					
		Analysis Time..: 18:27					
Calcium	NC,MSB	(48 - 153)			SW846 6010B	07/24-07/25/07	J3C051CQ
	NC,MSB	(48 - 153)		(0-25)	SW846 6010B	07/24-07/25/07	J3C051CR
		Dilution Factor: 1					
		Analysis Time..: 18:27					
Cadmium	95	(82 - 119)			SW846 6010B	07/24-07/25/07	J3C051CT
	97	(82 - 119)	1.9	(0-25)	SW846 6010B	07/24-07/25/07	J3C051CU
		Dilution Factor: 1					
		Analysis Time..: 18:27					
Cobalt	82	(82 - 119)			SW846 6010B	07/24-07/25/07	J3C051CV
	84	(82 - 119)	2.2	(0-25)	SW846 6010B	07/24-07/25/07	J3C051CW
		Dilution Factor: 1					
		Analysis Time..: 18:27					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7G210163 **Matrix.....:** WG
Date Sampled...: 07/19/07 15:37 **Date Received..:** 07/21/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	87	(73 - 135)			SW846 6010B	07/24-07/25/07	J3C051CX
	89	(73 - 135)	2.1	(0-25)	SW846 6010B	07/24-07/25/07	J3C051C0
		Dilution Factor: 1					
		Analysis Time..: 18:27					
Copper	90	(82 - 129)			SW846 6010B	07/24-07/25/07	J3C051C1
	96	(82 - 129)	6.6	(0-25)	SW846 6010B	07/24-07/25/07	J3C051C2
		Dilution Factor: 1					
		Analysis Time..: 18:27					
Iron	84	(52 - 155)			SW846 6010B	07/24-07/25/07	J3C051C3
	87	(52 - 155)	4.1	(0-25)	SW846 6010B	07/24-07/25/07	J3C051C4
		Dilution Factor: 1					
		Analysis Time..: 18:27					
Potassium	94	(76 - 132)			SW846 6010B	07/24-07/25/07	J3C051C5
	98	(76 - 132)	3.1	(0-25)	SW846 6010B	07/24-07/25/07	J3C051C6
		Dilution Factor: 1					
		Analysis Time..: 18:27					
Magnesium	NC,MSB	(62 - 146)			SW846 6010B	07/24-07/25/07	J3C051C7
	NC,MSB	(62 - 146)		(0-25)	SW846 6010B	07/24-07/25/07	J3C051C8
		Dilution Factor: 1					
		Analysis Time..: 18:27					
Manganese	80	(79 - 121)			SW846 6010B	07/24-07/25/07	J3C051C9
	83	(79 - 121)	2.7	(0-25)	SW846 6010B	07/24-07/25/07	J3C051DA
		Dilution Factor: 1					
		Analysis Time..: 18:27					
Sodium	NC,MSB	(70 - 203)			SW846 6010B	07/24-07/25/07	J3C051DC
	NC,MSB	(70 - 203)		(0-40)	SW846 6010B	07/24-07/25/07	J3C051DD
		Dilution Factor: 1					
		Analysis Time..: 18:27					
Nickel	81 N	(84 - 120)			SW846 6010B	07/24-07/25/07	J3C051DE
	82 N	(84 - 120)	1.5	(0-25)	SW846 6010B	07/24-07/25/07	J3C051DF
		Dilution Factor: 1					
		Analysis Time..: 18:27					
Lead	78 N	(89 - 121)			SW846 6010B	07/24-07/25/07	J3C051DG
	79 N	(89 - 121)	1.8	(0-25)	SW846 6010B	07/24-07/25/07	J3C051DH
		Dilution Factor: 1					
		Analysis Time..: 18:27					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7G210163 **Matrix.....:** WG
Date Sampled...: 07/19/07 15:37 **Date Received..:** 07/21/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	89	(81 - 124)			SW846 6010B	07/24-07/25/07	J3C051DJ
	91	(81 - 124)	2.2	(0-25)	SW846 6010B	07/24-07/25/07	J3C051DK
		Dilution Factor: 1					
		Analysis Time..: 18:27					
Selenium	90	(71 - 140)			SW846 6010B	07/24-07/25/07	J3C051DL
	92	(71 - 140)	2.1	(0-25)	SW846 6010B	07/24-07/25/07	J3C051DM
		Dilution Factor: 1					
		Analysis Time..: 18:27					
Thallium	73 N	(90 - 116)			SW846 6010B	07/24-07/25/07	J3C051A7
	74 N	(90 - 116)	2.0	(0-25)	SW846 6010B	07/24-07/25/07	J3C051A8
		Dilution Factor: 1					
		Analysis Time..: 18:27					
Vanadium	88	(85 - 120)			SW846 6010B	07/24-07/25/07	J3C051A9
	90	(85 - 120)	2.5	(0-25)	SW846 6010B	07/24-07/25/07	J3C051CA
		Dilution Factor: 1					
		Analysis Time..: 18:27					
Zinc	81	(60 - 137)			SW846 6010B	07/24-07/25/07	J3C051CC
	83	(60 - 137)	2.7	(0-25)	SW846 6010B	07/24-07/25/07	J3C051CD
		Dilution Factor: 1					
		Analysis Time..: 18:27					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7G210163 **Matrix.....:** WG
Date Sampled...: 07/19/07 15:37 **Date Received..:** 07/21/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7G210163-012 **Prep Batch #...:** 7204497									
Silver									
	ND	50.0	47.3	ug/L	95		SW846 6010B	07/24-07/25/07	J3C051CE
	ND	50.0	48.8	ug/L	98	3.1	SW846 6010B	07/24-07/25/07	J3C051CF
			Dilution Factor: 1						
			Analysis Time..: 18:27						
Aluminum									
	ND	2000	1600 N	ug/L	80		SW846 6010B	07/24-07/25/07	J3C051CG
	ND	2000	1640 N	ug/L	82	2.1	SW846 6010B	07/24-07/25/07	J3C051CH
			Dilution Factor: 1						
			Analysis Time..: 18:27						
Arsenic									
	ND	1000	913	ug/L	91		SW846 6010B	07/24-07/25/07	J3C051CJ
	ND	1000	931	ug/L	93	1.9	SW846 6010B	07/24-07/25/07	J3C051CK
			Dilution Factor: 1						
			Analysis Time..: 18:27						
Barium									
	38	2000	1850	ug/L	90		SW846 6010B	07/24-07/25/07	J3C051CL
	38	2000	1890	ug/L	92	2.2	SW846 6010B	07/24-07/25/07	J3C051CM
			Dilution Factor: 1						
			Analysis Time..: 18:27						
Beryllium									
	ND	50.0	41.8	ug/L	84		SW846 6010B	07/24-07/25/07	J3C051CN
	ND	50.0	42.9	ug/L	86	2.5	SW846 6010B	07/24-07/25/07	J3C051CP
			Dilution Factor: 1						
			Analysis Time..: 18:27						
Calcium									
	770000	50000	753000	ug/L			SW846 6010B	07/24-07/25/07	J3C051CQ
			Qualifiers: NC,MSB						
	770000	50000	773000	ug/L			SW846 6010B	07/24-07/25/07	J3C051CR
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 18:27						
Cadmium									
	1.0	100	95.9	ug/L	95		SW846 6010B	07/24-07/25/07	J3C051CT
	1.0	100	97.7	ug/L	97	1.9	SW846 6010B	07/24-07/25/07	J3C051CU
			Dilution Factor: 1						
			Analysis Time..: 18:27						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7G210163 **Matrix.....:** WG
Date Sampled...: 07/19/07 15:37 **Date Received..:** 07/21/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt									
	4.1	500	415	ug/L	82		SW846 6010B	07/24-07/25/07	J3C051CV
	4.1	500	424	ug/L	84	2.2	SW846 6010B	07/24-07/25/07	J3C051CW
			Dilution Factor: 1						
			Analysis Time..: 18:27						
Chromium									
	ND	200	175	ug/L	87		SW846 6010B	07/24-07/25/07	J3C051CX
	ND	200	179	ug/L	89	2.1	SW846 6010B	07/24-07/25/07	J3C051C0
			Dilution Factor: 1						
			Analysis Time..: 18:27						
Copper									
	ND	250	227	ug/L	90		SW846 6010B	07/24-07/25/07	J3C051C1
	ND	250	243	ug/L	96	6.6	SW846 6010B	07/24-07/25/07	J3C051C2
			Dilution Factor: 1						
			Analysis Time..: 18:27						
Iron									
	ND	1000	851	ug/L	84		SW846 6010B	07/24-07/25/07	J3C051C3
	ND	1000	887	ug/L	87	4.1	SW846 6010B	07/24-07/25/07	J3C051C4
			Dilution Factor: 1						
			Analysis Time..: 18:27						
Potassium									
	6800	50000	54100	ug/L	94		SW846 6010B	07/24-07/25/07	J3C051C5
	6800	50000	55800	ug/L	98	3.1	SW846 6010B	07/24-07/25/07	J3C051C6
			Dilution Factor: 1						
			Analysis Time..: 18:27						
Magnesium									
	510000	50000	509000	ug/L			SW846 6010B	07/24-07/25/07	J3C051C7
			Qualifiers: NC,MSB						
	510000	50000	526000	ug/L			SW846 6010B	07/24-07/25/07	J3C051C8
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 18:27						
Manganese									
	260	500	664	ug/L	80		SW846 6010B	07/24-07/25/07	J3C051C9
	260	500	682	ug/L	83	2.7	SW846 6010B	07/24-07/25/07	J3C051DA
			Dilution Factor: 1						
			Analysis Time..: 18:27						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7G210163 **Matrix.....:** WG
Date Sampled...: 07/19/07 15:37 **Date Received..:** 07/21/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium									
	2300000	50000	2130000	ug/L			SW846 6010B	07/24-07/25/07	J3C051DC
			Qualifiers: NC,MSB						
	2300000	50000	2210000	ug/L			SW846 6010B	07/24-07/25/07	J3C051DD
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 18:27						
Nickel									
	ND	500	410 N	ug/L	81		SW846 6010B	07/24-07/25/07	J3C051DE
	ND	500	416 N	ug/L	82	1.5	SW846 6010B	07/24-07/25/07	J3C051DF
			Dilution Factor: 1						
			Analysis Time..: 18:27						
Lead									
	ND	500	389 N	ug/L	78		SW846 6010B	07/24-07/25/07	J3C051DG
	ND	500	396 N	ug/L	79	1.8	SW846 6010B	07/24-07/25/07	J3C051DH
			Dilution Factor: 1						
			Analysis Time..: 18:27						
Antimony									
	ND	500	443	ug/L	89		SW846 6010B	07/24-07/25/07	J3C051DJ
	ND	500	453	ug/L	91	2.2	SW846 6010B	07/24-07/25/07	J3C051DK
			Dilution Factor: 1						
			Analysis Time..: 18:27						
Selenium									
	7.3	2000	1810	ug/L	90		SW846 6010B	07/24-07/25/07	J3C051DL
	7.3	2000	1850	ug/L	92	2.1	SW846 6010B	07/24-07/25/07	J3C051DM
			Dilution Factor: 1						
			Analysis Time..: 18:27						
Thallium									
	ND	2000	1460 N	ug/L	73		SW846 6010B	07/24-07/25/07	J3C051A7
	ND	2000	1490 N	ug/L	74	2.0	SW846 6010B	07/24-07/25/07	J3C051A8
			Dilution Factor: 1						
			Analysis Time..: 18:27						
Vanadium									
	15	500	454	ug/L	88		SW846 6010B	07/24-07/25/07	J3C051A9
	15	500	466	ug/L	90	2.5	SW846 6010B	07/24-07/25/07	J3C051CA
			Dilution Factor: 1						
			Analysis Time..: 18:27						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7G210163 **Matrix.....:** WG
Date Sampled...: 07/19/07 15:37 **Date Received..:** 07/21/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc									
	7.4	500	411	ug/L	81		SW846 6010B	07/24-07/25/07	J3C051CC
	7.4	500	422	ug/L	83	2.7	SW846 6010B	07/24-07/25/07	J3C051CD

Dilution Factor: 1
Analysis Time..: 18:27

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7G210163 **Matrix.....:** SO
Date Sampled...: 07/19/07 15:30 **Date Received..:** 07/21/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7G210163-008 **Prep Batch #...:** 7205124							
Aluminum	NC,MSB	(50 - 200)			SW846 6010B	07/24-07/25/07	J3C0T1DR
	NC,MSB	(50 - 200)		(0-40)	SW846 6010B	07/24-07/25/07	J3C0T1DT
		Dilution Factor: 1					
		Analysis Time..: 16:02					
Antimony	92	(20 - 200)			SW846 6010B	07/24-07/25/07	J3C0T1C0
	92	(20 - 200)	0.31	(0-40)	SW846 6010B	07/24-07/25/07	J3C0T1C1
		Dilution Factor: 1					
		Analysis Time..: 16:02					
Arsenic	98	(76 - 111)			SW846 6010B	07/24-07/25/07	J3C0T1DU
	96	(76 - 111)	1.3	(0-30)	SW846 6010B	07/24-07/25/07	J3C0T1DV
		Dilution Factor: 1					
		Analysis Time..: 16:02					
Barium	103	(52 - 159)			SW846 6010B	07/24-07/25/07	J3C0T1DW
	101	(52 - 159)	1.7	(0-30)	SW846 6010B	07/24-07/25/07	J3C0T1DX
		Dilution Factor: 1					
		Analysis Time..: 16:02					
Beryllium	93	(72 - 105)			SW846 6010B	07/24-07/25/07	J3C0T1D0
	93	(72 - 105)	0.49	(0-30)	SW846 6010B	07/24-07/25/07	J3C0T1D1
		Dilution Factor: 1					
		Analysis Time..: 16:02					
Cadmium	102	(40 - 130)			SW846 6010B	07/24-07/25/07	J3C0T1D4
	101	(40 - 130)	0.86	(0-30)	SW846 6010B	07/24-07/25/07	J3C0T1D5
		Dilution Factor: 1					
		Analysis Time..: 16:02					
Calcium	NC,MSB	(43 - 165)			SW846 6010B	07/24-07/25/07	J3C0T1D2
	NC,MSB	(43 - 165)		(0-30)	SW846 6010B	07/24-07/25/07	J3C0T1D3
		Dilution Factor: 1					
		Analysis Time..: 16:02					
Chromium	98	(70 - 200)			SW846 6010B	07/24-07/25/07	J3C0T1CD
	96	(70 - 200)	1.3	(0-40)	SW846 6010B	07/24-07/25/07	J3C0T1CE
		Dilution Factor: 1					
		Analysis Time..: 16:02					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7G210163
Date Sampled...: 07/19/07 15:30 **Date Received..:** 07/21/07
Matrix.....: SO

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt	91	(72 - 106)			SW846 6010B	07/24-07/25/07	J3C0T1CA
	91	(72 - 106)	0.73	(0-30)	SW846 6010B	07/24-07/25/07	J3C0T1CC
		Dilution Factor: 1					
		Analysis Time..: 16:02					
Copper	98	(37 - 187)			SW846 6010B	07/24-07/25/07	J3C0T1CF
	97	(37 - 187)	0.47	(0-30)	SW846 6010B	07/24-07/25/07	J3C0T1CG
		Dilution Factor: 1					
		Analysis Time..: 16:02					
Iron	NC,MSB	(70 - 200)			SW846 6010B	07/24-07/25/07	J3C0T1CH
	NC,MSB	(70 - 200)		(0-40)	SW846 6010B	07/24-07/25/07	J3C0T1CJ
		Dilution Factor: 1					
		Analysis Time..: 16:02					
Lead	87	(70 - 200)			SW846 6010B	07/24-07/25/07	J3C0T1CW
	85	(70 - 200)	1.4	(0-40)	SW846 6010B	07/24-07/25/07	J3C0T1CX
		Dilution Factor: 1					
		Analysis Time..: 16:02					
Magnesium	93	(64 - 145)			SW846 6010B	07/24-07/25/07	J3C0T1CM
	91	(64 - 145)	1.4	(0-30)	SW846 6010B	07/24-07/25/07	J3C0T1CN
		Dilution Factor: 1					
		Analysis Time..: 16:02					
Manganese	87	(40 - 200)			SW846 6010B	07/24-07/25/07	J3C0T1CP
	100	(40 - 200)	7.1	(0-40)	SW846 6010B	07/24-07/25/07	J3C0T1CQ
		Dilution Factor: 1					
		Analysis Time..: 16:02					
Nickel	90	(61 - 126)			SW846 6010B	07/24-07/25/07	J3C0T1CU
	89	(61 - 126)	1.2	(0-30)	SW846 6010B	07/24-07/25/07	J3C0T1CV
		Dilution Factor: 1					
		Analysis Time..: 16:02					
Potassium	110	(56 - 172)			SW846 6010B	07/24-07/25/07	J3C0T1CK
	110	(56 - 172)	0.70	(0-40)	SW846 6010B	07/24-07/25/07	J3C0T1CL
		Dilution Factor: 1					
		Analysis Time..: 16:02					
Selenium	98	(76 - 104)			SW846 6010B	07/24-07/25/07	J3C0T1C2
	97	(76 - 104)	1.3	(0-30)	SW846 6010B	07/24-07/25/07	J3C0T1C3
		Dilution Factor: 1					
		Analysis Time..: 16:02					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7G210163 **Matrix.....:** SO
Date Sampled...: 07/19/07 15:30 **Date Received..:** 07/21/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	96	(75 - 141)			SW846 6010B	07/24-07/25/07	J3C0T1DP
	95	(75 - 141)	0.66	(0-30)	SW846 6010B	07/24-07/25/07	J3C0T1DQ
		Dilution Factor: 1					
		Analysis Time..: 16:02					
Sodium	101	(78 - 111)			SW846 6010B	07/24-07/25/07	J3C0T1CR
	101	(78 - 111)	0.19	(0-30)	SW846 6010B	07/24-07/25/07	J3C0T1CT
		Dilution Factor: 1					
		Analysis Time..: 16:02					
Thallium	84	(78 - 101)			SW846 6010B	07/24-07/25/07	J3C0T1C4
	84	(78 - 101)	0.11	(0-30)	SW846 6010B	07/24-07/25/07	J3C0T1C5
		Dilution Factor: 1					
		Analysis Time..: 16:02					
Vanadium	96	(50 - 169)			SW846 6010B	07/24-07/25/07	J3C0T1C6
	95	(50 - 169)	0.95	(0-30)	SW846 6010B	07/24-07/25/07	J3C0T1C7
		Dilution Factor: 1					
		Analysis Time..: 16:02					
Zinc	88	(70 - 200)			SW846 6010B	07/24-07/25/07	J3C0T1C8
	90	(70 - 200)	1.5	(0-40)	SW846 6010B	07/24-07/25/07	J3C0T1C9
		Dilution Factor: 1					
		Analysis Time..: 16:02					

MS Lot-Sample #: D7G210163-008 **Prep Batch #...:** 7207202

Mercury	104	(87 - 111)			SW846 7471A	08/02-08/03/07	J3C0T1DK
	91	(87 - 111)	12	(0-20)	SW846 7471A	08/02-08/03/07	J3C0T1DL
		Dilution Factor: 1					
		Analysis Time..: 14:36					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7G210163 **Matrix.....:** SO
Date Sampled...: 07/19/07 15:30 **Date Received..:** 07/21/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7G210163-008 **Prep Batch #...:** 7205124									
Aluminum									
	1500	274	2870	mg/kg			SW846 6010B	07/24-07/25/07	J3C0T1DR
			Qualifiers: NC,MSB						
	1500	274	2800	mg/kg			SW846 6010B	07/24-07/25/07	J3C0T1DT
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 16:02						
Antimony									
	ND	68.6	63.2	mg/kg	92		SW846 6010B	07/24-07/25/07	J3C0T1C0
	ND	68.6	63.0	mg/kg	92	0.31	SW846 6010B	07/24-07/25/07	J3C0T1C1
			Dilution Factor: 1						
			Analysis Time..: 16:02						
Arsenic									
	1.0	137	135	mg/kg	98		SW846 6010B	07/24-07/25/07	J3C0T1DU
	1.0	137	133	mg/kg	96	1.3	SW846 6010B	07/24-07/25/07	J3C0T1DV
			Dilution Factor: 1						
			Analysis Time..: 16:02						
Barium									
	15	274	297	mg/kg	103		SW846 6010B	07/24-07/25/07	J3C0T1DW
	15	274	292	mg/kg	101	1.7	SW846 6010B	07/24-07/25/07	J3C0T1DX
			Dilution Factor: 1						
			Analysis Time..: 16:02						
Beryllium									
	ND	6.86	6.43	mg/kg	93		SW846 6010B	07/24-07/25/07	J3C0T1D0
	ND	6.86	6.40	mg/kg	93	0.49	SW846 6010B	07/24-07/25/07	J3C0T1D1
			Dilution Factor: 1						
			Analysis Time..: 16:02						
Cadmium									
	ND	13.7	14.0	mg/kg	102		SW846 6010B	07/24-07/25/07	J3C0T1D4
	ND	13.7	13.9	mg/kg	101	0.86	SW846 6010B	07/24-07/25/07	J3C0T1D5
			Dilution Factor: 1						
			Analysis Time..: 16:02						
Calcium									
	220000	6860	233000	mg/kg			SW846 6010B	07/24-07/25/07	J3C0T1D2
			Qualifiers: NC,MSB						
	220000	6860	226000	mg/kg			SW846 6010B	07/24-07/25/07	J3C0T1D3
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 16:02						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7G210163 **Matrix.....:** SO
Date Sampled...: 07/19/07 15:30 **Date Received..:** 07/21/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium									
	1.8	27.4	28.6	mg/kg	98		SW846 6010B	07/24-07/25/07	J3C0T1CD
	1.8	27.4	28.2	mg/kg	96	1.3	SW846 6010B	07/24-07/25/07	J3C0T1CE
			Dilution Factor: 1						
			Analysis Time..: 16:02						
Cobalt									
	0.48	68.6	63.2	mg/kg	91		SW846 6010B	07/24-07/25/07	J3C0T1CA
	0.48	68.6	62.7	mg/kg	91	0.73	SW846 6010B	07/24-07/25/07	J3C0T1CC
			Dilution Factor: 1						
			Analysis Time..: 16:02						
Copper									
	2.1	34.3	35.7	mg/kg	98		SW846 6010B	07/24-07/25/07	J3C0T1CF
	2.1	34.3	35.5	mg/kg	97	0.47	SW846 6010B	07/24-07/25/07	J3C0T1CG
			Dilution Factor: 1						
			Analysis Time..: 16:02						
Iron									
	1200	137	1550	mg/kg			SW846 6010B	07/24-07/25/07	J3C0T1CH
			Qualifiers: NC,MSB						
	1200	137	1490	mg/kg			SW846 6010B	07/24-07/25/07	J3C0T1CJ
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 16:02						
Lead									
	1.7	68.6	61.1	mg/kg	87		SW846 6010B	07/24-07/25/07	J3C0T1CW
	1.7	68.6	60.2	mg/kg	85	1.4	SW846 6010B	07/24-07/25/07	J3C0T1CX
			Dilution Factor: 1						
			Analysis Time..: 16:02						
Magnesium									
	1200	6860	7580	mg/kg	93		SW846 6010B	07/24-07/25/07	J3C0T1CM
	1200	6860	7470	mg/kg	91	1.4	SW846 6010B	07/24-07/25/07	J3C0T1CN
			Dilution Factor: 1						
			Analysis Time..: 16:02						
Manganese									
	58	68.6	118	mg/kg	87		SW846 6010B	07/24-07/25/07	J3C0T1CP
	58	68.6	127	mg/kg	100	7.1	SW846 6010B	07/24-07/25/07	J3C0T1CQ
			Dilution Factor: 1						
			Analysis Time..: 16:02						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7G210163 **Matrix.....:** SO
Date Sampled...: 07/19/07 15:30 **Date Received..:** 07/21/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Nickel									
	1.4	68.6	63.1	mg/kg	90		SW846 6010B	07/24-07/25/07	J3C0T1CU
	1.4	68.6	62.3	mg/kg	89	1.2	SW846 6010B	07/24-07/25/07	J3C0T1CV
			Dilution Factor: 1						
			Analysis Time..: 16:02						
Potassium									
	350	6860	7930	mg/kg	110		SW846 6010B	07/24-07/25/07	J3C0T1CK
	350	6860	7870	mg/kg	110	0.70	SW846 6010B	07/24-07/25/07	J3C0T1CL
			Dilution Factor: 1						
			Analysis Time..: 16:02						
Selenium									
	ND	274	269	mg/kg	98		SW846 6010B	07/24-07/25/07	J3C0T1C2
	ND	274	265	mg/kg	97	1.3	SW846 6010B	07/24-07/25/07	J3C0T1C3
			Dilution Factor: 1						
			Analysis Time..: 16:02						
Silver									
	ND	6.86	6.59	mg/kg	96		SW846 6010B	07/24-07/25/07	J3C0T1DP
	ND	6.86	6.54	mg/kg	95	0.66	SW846 6010B	07/24-07/25/07	J3C0T1DQ
			Dilution Factor: 1						
			Analysis Time..: 16:02						
Sodium									
	830	6860	7740	mg/kg	101		SW846 6010B	07/24-07/25/07	J3C0T1CR
	830	6860	7730	mg/kg	101	0.19	SW846 6010B	07/24-07/25/07	J3C0T1CT
			Dilution Factor: 1						
			Analysis Time..: 16:02						
Thallium									
	ND	274	230	mg/kg	84		SW846 6010B	07/24-07/25/07	J3C0T1C4
	ND	274	229	mg/kg	84	0.11	SW846 6010B	07/24-07/25/07	J3C0T1C5
			Dilution Factor: 1						
			Analysis Time..: 16:02						
Vanadium									
	3.6	68.6	69.4	mg/kg	96		SW846 6010B	07/24-07/25/07	J3C0T1C6
	3.6	68.6	68.8	mg/kg	95	0.95	SW846 6010B	07/24-07/25/07	J3C0T1C7
			Dilution Factor: 1						
			Analysis Time..: 16:02						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7G210163 **Matrix.....:** SO
Date Sampled...: 07/19/07 15:30 **Date Received..:** 07/21/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc									
	4.5	68.6	64.9	mg/kg	88		SW846 6010B	07/24-07/25/07	J3C0T1C8
	4.5	68.6	65.9	mg/kg	90	1.5	SW846 6010B	07/24-07/25/07	J3C0T1C9

Dilution Factor: 1
Analysis Time..: 16:02

MS Lot-Sample #: D7G210163-008 **Prep Batch #...:** 7207202

Mercury									
	ND	1140	1180	ug/kg	104		SW846 7471A	08/02-08/03/07	J3C0T1DK
	ND	1140	1040	ug/kg	91	12	SW846 7471A	08/02-08/03/07	J3C0T1DL

Dilution Factor: 1
Analysis Time..: 14:36

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7G210163 **Matrix.....:** SO
Date Sampled...: 07/20/07 12:00 **Date Received..:** 07/21/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7G210163-023 **Prep Batch #...:** 7207202							
Mercury	101	(87 - 111)			SW846 7471A	08/02-08/03/07	J3C191DM
	101	(87 - 111)	0.77	(0-20)	SW846 7471A	08/02-08/03/07	J3C191DN
		Dilution Factor: 1					
		Analysis Time..: 14:57					
MS Lot-Sample #: D7G210163-023 **Prep Batch #...:** 7208403							
Aluminum	NC,MSB	(50 - 200)			SW846 6010B	07/31/07	J3C191D8
	NC,MSB	(50 - 200)		(0-40)	SW846 6010B	07/31/07	J3C191D9
		Dilution Factor: 1					
		Analysis Time..: 21:40					
Antimony	75	(20 - 200)			SW846 6010B	07/31/07	J3C191DU
	75	(20 - 200)	0.19	(0-40)	SW846 6010B	07/31/07	J3C191DV
		Dilution Factor: 1					
		Analysis Time..: 21:40					
Arsenic	93	(76 - 111)			SW846 6010B	07/31/07	J3C191EA
	93	(76 - 111)	0.05	(0-30)	SW846 6010B	07/31/07	J3C191EC
		Dilution Factor: 1					
		Analysis Time..: 21:40					
Barium	90	(52 - 159)			SW846 6010B	07/31/07	J3C191ED
	99	(52 - 159)	6.6	(0-30)	SW846 6010B	07/31/07	J3C191EE
		Dilution Factor: 1					
		Analysis Time..: 21:40					
Beryllium	90	(72 - 105)			SW846 6010B	07/31/07	J3C191EF
	90	(72 - 105)	0.23	(0-30)	SW846 6010B	07/31/07	J3C191EG
		Dilution Factor: 1					
		Analysis Time..: 21:40					
Cadmium	98	(40 - 130)			SW846 6010B	07/31/07	J3C191EK
	97	(40 - 130)	0.92	(0-30)	SW846 6010B	07/31/07	J3C191EL
		Dilution Factor: 1					
		Analysis Time..: 21:40					
Calcium	NC,MSB	(43 - 165)			SW846 6010B	07/31/07	J3C191EH
	NC,MSB	(43 - 165)		(0-30)	SW846 6010B	07/31/07	J3C191EJ
		Dilution Factor: 1					
		Analysis Time..: 21:40					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7G210163 **Matrix.....:** SO
Date Sampled...: 07/20/07 12:00 **Date Received..:** 07/21/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	98	(70 - 200)			SW846 6010B	07/31/07	J3C191EP
	98	(70 - 200)	0.0	(0-40)	SW846 6010B	07/31/07	J3C191EQ
		Dilution Factor: 1					
		Analysis Time..: 21:40					
Cobalt	89	(72 - 106)			SW846 6010B	07/31/07	J3C191EM
	88	(72 - 106)	0.38	(0-30)	SW846 6010B	07/31/07	J3C191EN
		Dilution Factor: 1					
		Analysis Time..: 21:40					
Copper	96	(37 - 187)			SW846 6010B	07/31/07	J3C191ER
	97	(37 - 187)	1.2	(0-30)	SW846 6010B	07/31/07	J3C191ET
		Dilution Factor: 1					
		Analysis Time..: 21:40					
Iron	NC,MSB	(70 - 200)			SW846 6010B	07/31/07	J3C191EU
	NC,MSB	(70 - 200)		(0-40)	SW846 6010B	07/31/07	J3C191EV
		Dilution Factor: 1					
		Analysis Time..: 21:40					
Lead	87	(70 - 200)			SW846 6010B	07/31/07	J3C191DR
	86	(70 - 200)	1.1	(0-40)	SW846 6010B	07/31/07	J3C191DT
		Dilution Factor: 1					
		Analysis Time..: 21:40					
Magnesium	87	(64 - 145)			SW846 6010B	07/31/07	J3C191E0
	84	(64 - 145)	2.1	(0-30)	SW846 6010B	07/31/07	J3C191E1
		Dilution Factor: 1					
		Analysis Time..: 21:40					
Manganese	94	(40 - 200)			SW846 6010B	07/31/07	J3C191E2
	83	(40 - 200)	7.4	(0-40)	SW846 6010B	07/31/07	J3C191E3
		Dilution Factor: 1					
		Analysis Time..: 21:40					
Nickel	85	(61 - 126)			SW846 6010B	07/31/07	J3C191E6
	84	(61 - 126)	0.46	(0-30)	SW846 6010B	07/31/07	J3C191E7
		Dilution Factor: 1					
		Analysis Time..: 21:40					
Potassium	107	(56 - 172)			SW846 6010B	07/31/07	J3C191EW
	108	(56 - 172)	0.23	(0-40)	SW846 6010B	07/31/07	J3C191EX
		Dilution Factor: 1					
		Analysis Time..: 21:40					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7G210163 **Matrix.....:** SO
Date Sampled...: 07/20/07 12:00 **Date Received..:** 07/21/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	94	(76 - 104)			SW846 6010B	07/31/07	J3C191DW
	93	(76 - 104)	0.90	(0-30)	SW846 6010B	07/31/07	J3C191DX
		Dilution Factor: 1					
		Analysis Time..: 21:40					
Silver	93	(75 - 141)			SW846 6010B	07/31/07	J3C191D6
	94	(75 - 141)	0.36	(0-30)	SW846 6010B	07/31/07	J3C191D7
		Dilution Factor: 1					
		Analysis Time..: 21:40					
Sodium	97	(78 - 111)			SW846 6010B	07/31/07	J3C191E4
	97	(78 - 111)	0.18	(0-30)	SW846 6010B	07/31/07	J3C191E5
		Dilution Factor: 1					
		Analysis Time..: 21:40					
Thallium	81	(78 - 101)			SW846 6010B	07/31/07	J3C191D0
	82	(78 - 101)	0.61	(0-30)	SW846 6010B	07/31/07	J3C191D1
		Dilution Factor: 1					
		Analysis Time..: 21:40					
Vanadium	94	(50 - 169)			SW846 6010B	07/31/07	J3C191D2
	92	(50 - 169)	1.0	(0-30)	SW846 6010B	07/31/07	J3C191D3
		Dilution Factor: 1					
		Analysis Time..: 21:40					
Zinc	87	(70 - 200)			SW846 6010B	07/31/07	J3C191D4
	88	(70 - 200)	0.46	(0-40)	SW846 6010B	07/31/07	J3C191D5
		Dilution Factor: 1					
		Analysis Time..: 21:40					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7G210163 **Matrix.....:** SO
Date Sampled...: 07/20/07 12:00 **Date Received..:** 07/21/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7G210163-023 **Prep Batch #...:** 7207202									
Mercury									
	ND	1060	1070	ug/kg	101		SW846 7471A	08/02-08/03/07	J3C191DM
	ND	1060	1070	ug/kg	101	0.77	SW846 7471A	08/02-08/03/07	J3C191DN
			Dilution Factor: 1						
			Analysis Time..: 14:57						
MS Lot-Sample #: D7G210163-023 **Prep Batch #...:** 7208403									
Aluminum									
	6400	252	8470	mg/kg			SW846 6010B	07/31/07	J3C191D8
			Qualifiers: NC,MSB						
	6400	252	8550	mg/kg			SW846 6010B	07/31/07	J3C191D9
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 21:40						
Antimony									
	ND	63.0	47.2	mg/kg	75		SW846 6010B	07/31/07	J3C191DU
	ND	63.0	47.3	mg/kg	75	0.19	SW846 6010B	07/31/07	J3C191DV
			Dilution Factor: 1						
			Analysis Time..: 21:40						
Arsenic									
	1.1	126	118	mg/kg	93		SW846 6010B	07/31/07	J3C191EA
	1.1	126	118	mg/kg	93	0.05	SW846 6010B	07/31/07	J3C191EC
			Dilution Factor: 1						
			Analysis Time..: 21:40						
Barium									
	87	252	314	mg/kg	90		SW846 6010B	07/31/07	J3C191ED
	87	252	336	mg/kg	99	6.6	SW846 6010B	07/31/07	J3C191EE
			Dilution Factor: 1						
			Analysis Time..: 21:40						
Beryllium									
	0.27	6.30	5.96	mg/kg	90		SW846 6010B	07/31/07	J3C191EF
	0.27	6.30	5.95	mg/kg	90	0.23	SW846 6010B	07/31/07	J3C191EG
			Dilution Factor: 1						
			Analysis Time..: 21:40						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7G210163 **Matrix.....:** SO
Date Sampled...: 07/20/07 12:00 **Date Received..:** 07/21/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cadmium									
	ND	12.6	12.3	mg/kg	98		SW846 6010B	07/31/07	J3C191EK
	ND	12.6	12.2	mg/kg	97	0.92	SW846 6010B	07/31/07	J3C191EL
			Dilution Factor: 1						
			Analysis Time..: 21:40						
Calcium									
	110000	6300	115000	mg/kg			SW846 6010B	07/31/07	J3C191EH
			Qualifiers: NC,MSB						
	110000	6300	106000	mg/kg			SW846 6010B	07/31/07	J3C191EJ
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 21:40						
Chromium									
	6.8	25.2	31.6	mg/kg	98		SW846 6010B	07/31/07	J3C191EP
	6.8	25.2	31.6	mg/kg	98	0.0	SW846 6010B	07/31/07	J3C191EQ
			Dilution Factor: 1						
			Analysis Time..: 21:40						
Cobalt									
	1.5	63.0	57.5	mg/kg	89		SW846 6010B	07/31/07	J3C191EM
	1.5	63.0	57.2	mg/kg	88	0.38	SW846 6010B	07/31/07	J3C191EN
			Dilution Factor: 1						
			Analysis Time..: 21:40						
Copper									
	3.2	31.5	33.4	mg/kg	96		SW846 6010B	07/31/07	J3C191ER
	3.2	31.5	33.8	mg/kg	97	1.2	SW846 6010B	07/31/07	J3C191ET
			Dilution Factor: 1						
			Analysis Time..: 21:40						
Iron									
	5000	126	5180	mg/kg			SW846 6010B	07/31/07	J3C191EU
			Qualifiers: NC,MSB						
	5000	126	5070	mg/kg			SW846 6010B	07/31/07	J3C191EV
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 21:40						
Lead									
	2.5	63.0	57.1	mg/kg	87		SW846 6010B	07/31/07	J3C191DR
	2.5	63.0	56.4	mg/kg	86	1.1	SW846 6010B	07/31/07	J3C191DT
			Dilution Factor: 1						
			Analysis Time..: 21:40						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7G210163 **Matrix.....:** SO
Date Sampled...: 07/20/07 12:00 **Date Received..:** 07/21/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium									
	2500	6300	7950	mg/kg	87		SW846 6010B	07/31/07	J3C191E0
	2500	6300	7780	mg/kg	84	2.1	SW846 6010B	07/31/07	J3C191E1
			Dilution Factor: 1						
			Analysis Time..: 21:40						
Manganese									
	38	63.0	97.3	mg/kg	94		SW846 6010B	07/31/07	J3C191E2
	38	63.0	90.3	mg/kg	83	7.4	SW846 6010B	07/31/07	J3C191E3
			Dilution Factor: 1						
			Analysis Time..: 21:40						
Nickel									
	3.8	63.0	57.2	mg/kg	85		SW846 6010B	07/31/07	J3C191E6
	3.8	63.0	56.9	mg/kg	84	0.46	SW846 6010B	07/31/07	J3C191E7
			Dilution Factor: 1						
			Analysis Time..: 21:40						
Potassium									
	1500	6300	8300	mg/kg	107		SW846 6010B	07/31/07	J3C191EW
	1500	6300	8320	mg/kg	108	0.23	SW846 6010B	07/31/07	J3C191EX
			Dilution Factor: 1						
			Analysis Time..: 21:40						
Selenium									
	ND	252	237	mg/kg	94		SW846 6010B	07/31/07	J3C191DW
	ND	252	235	mg/kg	93	0.90	SW846 6010B	07/31/07	J3C191DX
			Dilution Factor: 1						
			Analysis Time..: 21:40						
Silver									
	ND	6.30	5.87	mg/kg	93		SW846 6010B	07/31/07	J3C191D6
	ND	6.30	5.89	mg/kg	94	0.36	SW846 6010B	07/31/07	J3C191D7
			Dilution Factor: 1						
			Analysis Time..: 21:40						
Sodium									
	190	6300	6310	mg/kg	97		SW846 6010B	07/31/07	J3C191E4
	190	6300	6320	mg/kg	97	0.18	SW846 6010B	07/31/07	J3C191E5
			Dilution Factor: 1						
			Analysis Time..: 21:40						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7G210163 **Matrix.....:** SO
Date Sampled...: 07/20/07 12:00 **Date Received..:** 07/21/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Thallium									
	ND	252	204	mg/kg	81		SW846 6010B	07/31/07	J3C191D0
	ND	252	206	mg/kg	82	0.61	SW846 6010B	07/31/07	J3C191D1
			Dilution Factor: 1						
			Analysis Time..: 21:40						
Vanadium									
	12	63.0	71.2	mg/kg	94		SW846 6010B	07/31/07	J3C191D2
	12	63.0	70.5	mg/kg	92	1.0	SW846 6010B	07/31/07	J3C191D3
			Dilution Factor: 1						
			Analysis Time..: 21:40						
Zinc									
	16	63.0	70.4	mg/kg	87		SW846 6010B	07/31/07	J3C191D4
	16	63.0	70.7	mg/kg	88	0.46	SW846 6010B	07/31/07	J3C191D5
			Dilution Factor: 1						
			Analysis Time..: 21:40						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

METHOD BLANK REPORT

General Chemistry

Client Lot #...: D7G210163

Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids		Work Order #: J37QR1AA		MB Lot-Sample #:	D7G250000-637	
	13	**10**	**mg/L**	**MCAWW 160.1**	**07/25/07**	**7206637**
		Dilution Factor: 1				
		Analysis Time..: 12:45				
Total Dissolved Solids		Work Order #: J39H51AA		MB Lot-Sample #:	D7H060000-221	
	ND	10	mg/L	MCAWW 160.1	07/27/07	7218221
		Dilution Factor: 1				
		Analysis Time..: 12:20				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Lot-Sample #...: D7G210163 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids		WO#:J37QR1AC-LCS/J37QR1AD-LCSD				LCS Lot-Sample#: D7G250000-637	
	109 N	(86 - 106)			MCAWW 160.1	07/25/07	7206637
	108 N	(86 - 106)	0.55	(0-20)	MCAWW 160.1	07/25/07	7206637

Dilution Factor: 1 Analysis Time..: 12:45

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: D7G210163 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids		WO#:J37QR1AC-LCS/J37QR1AD-LCSD				LCS Lot-Sample#: D7G250000-637		
	500	544 N	mg/L	109		MCAWW 160.1	07/25/07	7206637
	500	541 N	mg/L	108	0.55	MCAWW 160.1	07/25/07	7206637

Dilution Factor: 1 Analysis Time..: 12:45

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

N Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: D7G210163 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids		Work Order #: J39H51AC	LCS Lot-Sample#: D7H060000-221		
	106	(86 - 106)	MCAWW 160.1	07/27/07	7218221
		Dilution Factor: 1	Analysis Time..: 12:20		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Client Lot #...: D7G210163 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids			Work Order #: J39H51AC		LCS Lot-Sample#: D7H060000-221		
	500	529	mg/L	106	MCAWW 160.1	07/27/07	7218221
			Dilution Factor: 1		Analysis Time..: 12:20		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D7G210163 **Work Order #...:** J29DP-SMP **Matrix.....:** SOLID
J29DP-DUP

Date Sampled...: 07/18/07 13:50 **Date Received..:** 07/20/07

% Moisture.....: 14

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture						SD Lot-Sample #:	D7G200178-001	
	14	14	%	0.0	(0-20)	MCAWW 160.3 MOD	07/25/07	7204395

Dilution Factor: 1 Analysis Time..: 09:30

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D7G210163 **Work Order #...:** J3CMW-SMP **Matrix.....:** WATER
J3CMW-DUP

Date Sampled...: 07/20/07 11:22 **Date Received..:** 07/21/07

% Moisture.....: 0.0

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids						SD Lot-Sample #:	D7G210129-006	
	2500 J,Q	2500 Q	mg/L	0.73	(0-20)	MCAWW 160.1	07/25/07	7206637

Dilution Factor: 2 Analysis Time..: 12:45

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D7G210163 **Work Order #...:** J3FNK-SMP J3FNK-DUP **Matrix.....:** WATER

Date Sampled...: 07/23/07 10:25 **Date Received..:** 07/24/07

% Moisture.....: 0.0

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids						SD Lot-Sample #:	D7G240151-003	
	7300 Q	5600 Q	mg/L	27	(0-20)	MCAWW 160.1	07/27/07	7218221

Dilution Factor: 2 Analysis Time..: 12:20

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

METHOD BLANK REPORT

Severn Trent Laboratories - Radiochemistry

Client Lot ID: D7G210163
Matrix: SOLID

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	RL	MDC		Prep Date	Lab Sample ID Analysis Date
TRITIUM (Distill) by EPA 906.0 MOD			**pCi/g**	**Batch #**	**7211295**	**Yld %**		**F7G300000-295B**
Tritium	0.001	J	0.0	1.0	0.0		07/30/07	08/02/07

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined using instrument performance only
Bold results are greater than the MDC

J Result is greater than sample detection limit but less than stated reporting limit.
U Result is less than the sample detection limit.

METHOD BLANK REPORT

Severn Trent Laboratories - Radiochemistry

Client Lot ID: D7G210163
Matrix: WATER

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	RL	MDC	Prep Date	Lab Sample ID Analysis Date
TRITIUM (Distill) by EPA 906.0 MOD			**pCi/L**	**Batch # 7213255**	**Yld %**		**F7H010000-255B**
Tritium	-670	U	260	500		08/01/07	08/02/07

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined using instrument performance only
Bold results are greater than the MDC

J Result is greater than sample detection limit but less than stated reporting limit.
U Result is less than the sample detection limit.

Laboratory Control Sample Report

Severn Trent Laboratories - Radiochemistry

Client Lot ID: D7G210163
Matrix: SOLID

Parameter	Spike Amount	Result	Total Uncert. (2 σ+/-)	MDC	% Yld	% Rec	Lab Sample ID / QC Control Limits
TRITIUM (Distill) by EPA 906.0 MOD			**pCi/g**	**906.0 MOD**			**F7G300000-295C**
Tritium	17.0	15.0	1.7	0.0		88	(81 - 111)
	Batch #:	7211295		**Analysis Date:**	08/02/07		

NOTE(S)

MDC is determined by instrument performance only
Calculations are performed before rounding to avoid round-off error in calculated results

Laboratory Control Sample Report

Severn Trent Laboratories - Radiochemistry

Client Lot ID: D7G210163
Matrix: WATER

Parameter	Spike Amount	Result	Total Uncert. (2 σ+/-)	MDC	% Yld	% Rec	Lab Sample ID QC Control Limits
TRITIUM (Distill) by EPA 906.0 MOD			**pCi/L**	**906.0 MOD**			**F7H010000-255C**
Tritium	5110	4340	590			85	(77 - 115)
	Batch #:	7213255		**Analysis Date:**	08/03/07		

NOTE(S)

MDC is determined by instrument performance only
Calculations are performed before rounding to avoid round-off error in calculated results

MATRIX SPIKE/MATRIX SPIKE DUPLICATE REPORT

Severn Trent Laboratories - Radiochemistry

Client Lot ID: D7G210163
Matrix: SO

Date Sampled: 07/19/07 1530
Date Received: 07/21/07 1045

Parameter		Spike Amount	SPIKE Result	Total Uncert. (2 σ+/-)	Spike Yld	SAMPLE Result		Total Uncert. (2σ +/-)	QC Sample ID % Yld	%Rec	QC Control Limits
TRITIUM (Distill) by EPA 90				**pCi/g**		**906.0 MOD**			**D7G210163-008**		
Tritium		16.8	16.7	1.9		0.03	U	0.24		99	(62 - 126)
	Spk2	16.8	16.6	1.9		0.03	U	0.24		99	(62 - 126)
									Precision:	0.8	%RPD
		Batch #: 7211180			**Analysis date:**		08/02/07				
TRITIUM (Distill) by EPA 90				**pCi/g**		**906.0 MOD**			**D7G210163-023**		
Tritium		17.0	16.3	1.8		0.09	U	0.32		95	(62 - 126)
	Spk2	17.0	16.7	1.9		0.09	U	0.32		98	(62 - 126)
									Precision:	3	%RPD
		Batch #: 7211180			**Analysis date:**		08/02/07				

NOTE(S)

Data are incomplete without the case narrative.

Calculations are performed before rounding to avoid round-off error in calculated results

U Result is less than the sample detection limit.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE REPORT

Severn Trent Laboratories - Radiochemistry

Client Lot ID: D7G210163
Matrix: WG

Date Sampled: 07/19/07 1305
Date Received: 07/21/07 1045

Parameter		Spike Amount	SPIKE Result	Total Uncert. (2 σ+/-)	Spike Yld	SAMPLE Result		Total Uncert. (2σ +/-)	QC Sample ID % Yld	%Rec	QC Control Limits
TRITIUM (Distill) by EPA 90				**pCi/L**		**906.0 MOD**				**D7G210163-011**	
Tritium		5110	3960	580		-740	U	260		92	(59 - 137)
	Spk2	5110	4150	590		-740	U	260		96	(59 - 137)
									Precision:	5	%RPD

Batch #: 7213169 **Analysis date:** 08/02/07

NOTE(S)

Data are incomplete without the case narrative.

Calculations are performed before rounding to avoid round-off error in calculated results

U Result is less than the sample detection limit.

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Birmingham, Alabama 35205
Tel: 205-918-4000
Fax: 205-918-4050

1.6 cc
7/21/07 IRZ

Chain of Custody and Analytical Request

Project Number: 9050361

Chain of Custody Number [1]: 2

LIMS Number:

Facility/Base I.D.: Hollomon AFB

Project Name / Site Name: OT32

Client Name: USACE

Collected by: B. Wolfe

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code [2]	Sample Number [3]	Sample Matrix [4]	Number of containers	VOC 8260B	SVOC 8270C	TPH 8015M	TAL Metals 6010B/7471A	Texture 9081M				Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
OT32-SB04-15		20Jul2007	1400	10 - 15	N	/	SO	7	X	X	X	X	X							
OT32-SB04-25		20Jul2007	1415	20 - 25	N	/	SO	7	X	X	X	X	X							
OT32-SB04-25D		20Jul2007	1415	20 - 25	FD		SO	7	X	X	X	X	X							
				-																
				-																
				-																
				-																
				-																
				-																
				-																
				-																

COMMENTS: Be Advised: Shipment contains Cooler with short hold times

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1. B. Wolfe	7/20/07	1650	1. Released to FedEx		
2.			2. Leapphegfred	7/21/07	1045
3.			3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab: _____ Shipped No.: _____
Method of Shipment: Fed Ex Airbill Number: 8619 5014 4798
Analytical Lab: STL Denver Delivery Location: Denver Co
Lab Recipient: Sample Log in Delivery Date/Time: 7/21/07

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)
2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)
3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)
4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc.), SQ = Soil Blanks
5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.
6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control)

DISTRIBUTION: WHITE COPY - Project File YELLOW COPY - Lab Copy PINK COPY - Working File

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0.3°C
7/21/07 IR2

Chain of Custody and Analytical Request

Page 1 of 1 (Cooler)

Project Number: 9050361

Chain of Custody Number (1): 1

LIMS Number:

Facility/Base I.D.: Holloman AFB

Project Name / Site Name: OT32

Client Name: USACE

Collected by: Bernard Wolfe

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOC 8260B	SVOC 8270C	TPH 8015M	TAL Metals 6010B/7471A	Tritium 906.0M				Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
OT32-SB08-20		19-July-2007	1315	15 - 20	N		SO	7	X	X	X	X	X							1
OT32-SB08-30		19-July-2007	1330	25 - 30	N		SO	7	X	X	X	X	X							1
OT32-SB08-30a		19-July-2007	1330	25 - 30	FD		SO	7	X	X	X	X	X							1
OT32-SB07-10		19-July-2007	1515	5 - 10	N		SO	7	X	X	X	X	X							2
OT32-SB07-25		19-July-2007	1530	20 - 25	N		SO	7	X	X	X	X	X							2
OT32-SB07-25-MS		19-July-2007	1530	20 - 25	MS		SO	7	X	X	X	X	X							2
OT32-SB07-25-MSD		19-July-2007	1530	20 - 25	SD		SO	7	X	X	X	X	X							2
Trip Blank-Cooler 1		20-July-2007		-	TB		WQ	2	X											1
Trip Blank-Cooler 2		20-July-2007		-	TB		WQ	2	X											2
				-																
				-																

Sample Analysis Requested (5)

Quality Assurance Samples (6)

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received By (signed)	Date	Time
1. [signature]	7/20/07	1500	1. Peggy [signature]	7/21/07	1045
2.			2.		
3.			3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab: _____ Shipped No.: _____
Method of Shipment: _____ Airbill Number: _____
Analytical Lab: _____ Delivery Location: _____
Lab Recipient: _____ Delivery Date/Time: _____

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)
2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)
3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)
4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc.), SQ = Soil Blanks
5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.
6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control)

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5.00 ll 7/21/07 IR2

Chain of Custody and Analytical Request

Project Number: 9050361

Chain of Custody Number (1): 1

LIMS Number:

Facility/Base I.D.: Holloman AFB

Project Name / Site Name: OT32

Client Name: USACE

Collected by: Bernard Wolfe

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOC 8260B	SVOC 8270C	TPH 8015M	TAL Metals 6010B/7471A	Tritium 906.0M				Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
OT32-SB08-20		19-July-2007	1315	15 - 20	N		SO	7	X	X	X	X	X							1
OT32-SB08-30		19-July-2007	1330	25 - 30	N		SO	7	X	X	X	X	X							1
OT32-SB08-30a		19-July-2007	1330	25 - 30	FD		SO	7	X	X	X	X	X							1
OT32-SB07-10		19-July-2007	1515	5 - 10	N		SO	7	X	X	X	X	X							2
OT32-SB07-25		19-July-2007	1530	20 - 25	N		SO	7	X	X	X	X	X							2
OT32-SB07-25-MS		19-July-2007	1530	20 - 25	MS		SO	7	X	X	X	X	X							2
OT32-SB07-25-MSD		19-July-2007	1530	20 - 25	SD		SO	7	X	X	X	X	X							2
Trip Blank-Cooler 1		20-July-2007		-	TB		WQ	2	X											1
Trip Blank-Cooler 2		20-July-2007		-	TB		WQ	2	X											2
				-																
				-																

Sample Analysis Requested (5) — Quality Assurance Samples (6)

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1. [signature]	7/20/07	1500	1. Peggy Meagher	7/21/07	1045
2.			2.		
3.			3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab: _____ Shipped No.: _____
Method of Shipment: _____ Airbill Number: _____
Analytical Lab: _____ Delivery Location: _____
Lab Recipient: _____ Delivery Date/Time: _____

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)
2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)
3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)
4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc.), SQ = Soil Blanks
5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.
6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control)

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4.2°C
7/21/07 IR2

Chain of Custody and Analytical Request

Page 1 of 1 (Coolers)

Project Number: 9050361

Chain of Custody Number [1]: 2

LIMS Number:

Facility/Base I.D.: Hollomon AFB

Project Name / Site Name: ACM - OT32, OT37

Client Name: USAC

Collected by: Craig McBrift, Derrick Berry, Bernard Wolfe

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code [2]	Sample Number [3]	Sample Matrix [4]	Number of containers	VOC 8260B	SVOC 8270C	PCBs 8082	Perchlorates 6860	TDS 160.1	TAL Metals 6010B/7470A	RCRA Metals 6010B/7470A	Tritium 906.0M	Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
OT32-SB08-20-d		19-July-2007	1305	-	EB		WG	7	X	X			X	X		X				3
OT32-TMW12		19-July-2007	1537	-	N		WG	7	X	X			X	X		X				3
OT32-TMW11		20-July-2007	0922	-	N		WG	7	X	X			X	X		X				3
OT37-MW09		19-July-2007	1635	-	N		WG	10	X	X	X	X	X		X					4
OT37-MW10		20-July-2007	0830	-	N		WG	10	X	X	X	X	X		X					4
Trip Blank-Cooler 3		20-July-2007		-	TB		WQ	2	X											3
Trip Blank-Cooler 4		20-July-2007		-	TB		WQ	2	X											4
				-																
				-																
				-																
				-																

Sample Analysis Requested [5]

Quality Assurance Samples [6]

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1. [signature]	7/2007	1500	1. [signature]	7/21/07	1045
2.			2.		
3.			3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab: _____ Shipped No.: _____
Method of Shipment: _____ Airbill Number: _____
Analytical Lab: _____ Delivery Location: _____
Lab Recipient: _____ Delivery Date/Time: _____

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)
2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)
3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)
4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc.), SQ = Soil Blanks
5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.
6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control)

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Fax: 205-918-4050

Chain of Custody and Analytical Request

Page 1 of 1 (Cooler 4)

Project Number: 9050361

Chain of Custody Number (1): 2

LIMS Number:

Facility/Base I.D.: Hollomon AFB

Project Name / Site Name: ACM - OT32, OT37

Client Name: USAC

Collected by: Craig McCrift, Derrick Berry, Bernard Wolfe

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOC 8260B	SVOC 8270C	PCBs 8082	Perchlorates 6860	TDS 160.1	TAL Metals 6010B/7470A	RCRA Metals 6010B/7470A	Tritium 906.0M	Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
OT32-SB08-20-d		19-July-2007	1305	-	EB		WG	7	X	X			X	X		X				3
OT32-TMW12		19-July-2007	1537	-	N		WG	7	X	X			X	X		X				3
OT32-TMW11		20-July-2007	0922	-	N		WG	7	X	X			X	X		X				3
OT37-MW09		19-July-2007	1635	-	N		WG	10	X	X	X	X	X		X					4
OT37-MW10		20-July-2007	0830	-	N		WG	10	X	X	X	X	X		X					4
Trip Blank - Cooler 3		20-July-2007		-	TB		WQ	2	X											3
Trip Blank - Cooler 4		20-July-2007		-	TB		WQ	2	X											4
				-																
				-																
				-																
				-																

Sample Analysis Requested (5)

Quality Assurance Samples (6)

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (signed)	Date	Time	Received by (signed)	Date	Time
1. [signature]	7/20/07	1500	1. Peggy [signature]	7/21/07	1045
2.			2.		
3.			3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab: _____ Shipped No.: _____
Method of Shipment: _____ Airbill Number: _____
Analytical Lab: _____ Delivery Location: _____
Lab Recipient: _____ Delivery Date/Time: _____

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)
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3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)
4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc.), SQ = Soil Blanks
5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.
6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control)

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Chain of Custody and Analytical Request

Page 1 of 1 (Cooler 5)

Project Number: 9050361

Chain of Custody Number [1]: 3

LIMS Number:

Facility/Base I.D.: Holloman AFB

Project Name / Site Name: ACM - OT32

Client Name: USACE

Collected by: Craig M

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code [2]	Sample Number [3]	Sample Matrix [4]	Number of containers	VOC 8260B	SVOC 8270C	Tritium 906.0M	TDS 160.1	TAL Metals 6010B/7470A	TAL Metals 6010B/7471A	TPH 8015M	Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
OT32-TMW10		20-July-2007	1100	-	N		WG	7	X	X	X	X	X						5
OT32-TMW09		20-July-2007	1127	-	N		WG	7	X	X	X	X	X						5
OT32-SB06-15		20-July-2007	1000	10 - 15	N		SO	7	X	X	X			X	X				6
OT32-SB06-25		20-July-2007	1015	20 - 25	N		SO	7	X	X	X			X	X				6
OT32-SB06-25a		20-July-2007	1015	20 - 25	FD		SO	7	X	X	X			X	X				6
OT32-SB05-15		20-July-2007	1145	10 - 15	N		SO	7	X	X	X			X	X				7
OT32-SB05-25		20-July-2007	1200	20 - 25	N		SO	7	X	X	X			X	X				7
OT32-SB05-25-MS		20-July-2007	1200	20 - 25	MS		SO	7	X	X	X			X	X				7
OT32-SB05-25-MSD		20-July-2007	1200	20 - 25	SD		SO	7	X	X	X			X	X				7
Trip Blank - Cooler 5		20-July-2007		-	TB		WQ	2	X										5
Trip Blank - Cooler 6		20-July-2007		-	TB		WQ	2	X										6
Trip Blank - Cooler 7		20-July-2007			TB		WQ	2	X										7

Sample Analysis Requested [5]

Quality Assurance Samples [6]

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1. [signature]	7/20/07	1500	1. Peggy Trigg	7/21/07	1045
2.			2.		
3.			3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab: _____ Shipped No.: _____

Method of Shipment: _____ Airbill Number: _____

Analytical Lab: _____ Delivery Location: _____

Lab Recipient: _____ Delivery Date/Time: _____

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)

2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)

3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)

4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc.), SQ = Soil Blanks

5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.

6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control)

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Birmingham, Alabama 35205
Tel: 205-918-4000
Fax: 205-918-4050

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Chain of Custody and Analytical Request

Page 1 of 1 (Cooler)

Project Number: 9050361

Chain of Custody Number [1]: 3

LIMS Number:

Facility/Base I.D.: Hollaman AFB

Project Name / Site Name: ACM - OT32

Client Name: USACE

Collected by: Craig M

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code [2]	Sample Number [3]	Sample Matrix [4]	Number of containers	VOC 8260B	SVOC 8270C	Tritium 900.0M	TDS 160.1	TAL Metals 6010B/7470A	TAL Metals 6010B/7471A	TPH 8015M	Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
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OT32-TMW09		20-July-2007	1127	-	N		WG	7	X	X	X	X	X						5
OT32-SB06-15		20-July-2007	1000	10 - 15	N		SO	7	X	X	X			X	X				6
OT32-SB06-25		20-July-2007	1015	20 - 25	N		SO	7	X	X	X			X	X				6
OT32-SB06-25a		20-July-2007	1015	20 - 25	FD		SO	7	X	X	X			X	X				6
OT32-SB05-15		20-July-2007	1145	10 - 15	N		SO	7	X	X	X			X	X				7
OT32-SB05-25		20-July-2007	1200	20 - 25	N		SO	7	X	X	X			X	X				7
OT32-SB05-25-MS		20-July-2007	1200	20 - 25	MS		SO	7	X	X	X			X	X				7
OT32-SB05-25-MSD		20-July-2007	1200	20 - 25	SD		SO	7	X	X	X			X	X				7
Trip Blank - Cooler 5		20-July-2007		-	TB		WQ	2	X										5
Trip Blank - Cooler 6		20-July-2007		-	TB		WQ	2	X										6
Trip Blank - Cooler 7		20-July-2007			TB		WQ	2	X										7

Sample Analysis Requested [5]

Quality Assurance Samples [6]

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Tel: 205-918-4000
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Chain of Custody and Analytical Request

Page 1 of 1 (Cooler)

Project Number: 9050361

Chain of Custody Number (1): 3

LIMS Number:

Facility/Base I.D.: Hollomon AFB

Project Name / Site Name: ACM - OT32

Client Name: USACE

Collected by: Craig M

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOC 8260B	SVOC 8270C	Tritium 906.0M	TDS 160.1	TAL Metals 6010B/7470A	TAL Metals 6010B/7471A	TPH 8015M	Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
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OT32-SB06-25a		20-July-2007	1015	20 - 25	FD		SO	7	X	X	X			X	X				6
OT32-SB05-15		20-July-2007	1145	10 - 15	N		SO	7	X	X	X			X	X				7
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OT32-SB05-25-MS		20-July-2007	1200	20 - 25	MS		SO	7	X	X	X			X	X				7
OT32-SB05-25-MSD		20-July-2007	1200	20 - 25	SD		SO	7	X	X	X			X	X				7
Trip Blank - Cooler 5		20-July-2007		-	TB		WQ	2	X										5
Trip Blank - Cooler 6		20-July-2007		-	TB		WQ	2	X										6
Trip Blank - Cooler 7		20-July-2007			TB		WQ	2	X										7

Sample Analysis Requested (5)

Quality Assurance Samples (6)

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received By (signed)	Date	Time
1. [signature]	7/20/07	1500	1. [signature]	7/21/07	1045
2.			2.		
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STL

STL Denver
4955 Yarrow Street
Arvada, CO 80002

Tel: 303 736 0100 Fax: 303 431 7171
www.stl-inc.com

ANALYTICAL REPORT

Holloman AFB, NM

Lot D7G240162

Marcia Olive

Bhate Environmental Associates, Inc.
445 Union Blvd.
Suite 129
Lakewood, CO 80226

TestAmerica DENVER

Julie Kamer for
Michael P. Phillips
Project Manager

August 10, 2007

Leaders in Environmental Testing

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Table Of Contents

Standard Deliverables

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- **Case Narrative**
- **Executive Summary – Detection Highlights**
- **Methods Summary**
- **Method/Analyst Summary**
- **Lot Sample Summary**
- **Analytical Results**
- **QC Data Association Summary**
- **QC Evaluation and/or Data Reports**
- **Chain-of-Custody**

CASE NARRATIVE
D7G240162

The following report contains the analytical results for twelve water samples, seven solid samples, and thirteen trip blanks submitted to TestAmerica Denver by Bhate Environmental Associates, Inc. from the Holloman AFB Site. The samples were received July 24, 2007, according to documented sample acceptance procedures.

Dilution factors and footnotes have been provided on each data sheet to assist in the interpretation of the results. In some cases, due to interferences or analytes present above the linear calibration curve, samples must be analyzed at a dilution. For samples analyzed at a dilution, the reporting limits are adjusted relative to the dilution required. Dilutions made for reasons other than the presence of target compound(s) are addressed in the Supplemental Information Section.

TestAmerica Denver utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameters listed on the methods summary page in accordance with the methods indicated. A summary of QC data for these analyses is included near the end of the report.

The results included in this report have been reviewed for compliance with the laboratory QA/QC plan and meet all requirements of NELAC. All data have been found to be compliant with laboratory protocol, with the exception of any items noted below.

Supplemental QC Information

Sample Arrival and Receipt

The samples presented in this report were received at the laboratory in good condition and at temperatures of 5.7°C, 4.8°C, 5.0°C, 5.1°C, 5.2°C, 3.9°C, 4.9°C, 4.3°C, 5.7°C, 5.3°C, 4.4°C, 3.7°C, and 5.1°C.

The sample container for the Tritium analysis for OT32-TMW05 arrived broken. The client was notified on July 24, 2007.

No other anomalies were observed.

GC/MS Volatiles, SW846 Method 8260B

Acetone and Methylene chloride were detected in the Trip Blanks associated with cooler 1 and 10 at a concentration below the project established reporting limit.

Methylene chloride was detected in the Trip Blanks associated with cooler 2, 3, 4, 5, 6, 7, 8, 9, 11, 12, and 13 at a concentration below the project established reporting limit.

Methylene chloride was detected in the Method Blanks associated with batches 7214323 and 7218063 at a concentration below the project established reporting limit 2-Butanone was detected in the Method Blanks associated with batches 7215224, and 7217012 at a concentration below the project established reporting limit. No corrective action is taken for any values in Method Blanks that are below the requested reporting limits.

MS/MSD analyses were performed using sample OT32-TMW06 for batch 7214323, as requested, and exhibited recoveries and/or relative percent differences outside the control limits for forty-one compounds. Because the corresponding Laboratory Control Samples and the

Method Blank samples were within control limits, these anomalies may be due to matrix interference and no corrective action was taken.

MS/MSD analyses were performed using sample OT32-SB02-25 for batch 7215224, as requested, and exhibited recoveries and/or relative percent differences outside the control limits for twenty-three compounds. Because the corresponding Laboratory Control Samples and the Method Blank samples were within control limits, these anomalies may be due to matrix interference and no corrective action was taken.

MS/MSD analyses were performed using sample RW42-MW02 for batch 7218063, as requested and exhibited spike recoveries outside the control limits for eighteen compounds. Because the corresponding Laboratory Control Samples and the Method Blank samples were within control limits, these anomalies may be due to matrix interference and no corrective action was taken.

No other anomalies were observed.

GC/MS Semivolatiles, SW846 Method 8270C

Sample OT32-SB03-15-D in batch 7206241 exhibited surrogate recoveries for 2-Fluorophenol and 2-Fluorobiphenyl below the QC control limits. The sample was re-extracted outside the holding time for confirmation as part of batch 7214361. All surrogate recoveries were in control for the re-extracted sample. Both sets of data are reported.

Sample OT32-SB02-25 in batch 7207139 exhibited all surrogate recoveries below the QC control limits. This sample was also a parent to the MS/MSD for this batch. The surrogate recoveries for the MS were in control but tracked low. The surrogate recoveries for 2-Fluorophenol and Nitrobenzene-d5 were below the QC control limits in the MSD sample. This anomaly is due to obvious matrix interferences; therefore, corrective action is deemed unnecessary. Sample data should be considered biased low.

MS/MSD analyses were performed using sample OT32-TMW06 in batch 7206241, as requested and exhibited recoveries and relative percent differences outside the control limits for Hexachlorocyclopehtadiene. Because the corresponding Laboratory Control Samples and the Method Blank samples were within control limits, these anomalies may be due to matrix interference and no corrective action was taken.

MS/MSD analyses were performed using sample OT32-SB02-25 for batch 7207139, as requested and exhibited recoveries and relative percent differences outside the control limits for seventeen compounds and 2 surrogates. Because the corresponding Laboratory Control Samples and the Method Blank samples were within control limits, these anomalies may be due to matrix interference and no corrective action was taken.

No other anomalies were observed.

GRO/TVPH, SW846 Method 8015B

No anomalies were observed.

DRO/ORO/TEPH, SW846 Method 8015B

DRO/TEPH was detected in the Method Blanks associated with QC batches 7205520 and 7206582 at a concentration below the project established reporting limit. No corrective action is taken for any values in Method Blanks that are below the requested reporting limits.

No other anomalies were observed.

Total Metals, SW846 Methods 6010B/7470A/7471A

Sodium is present in the Continuing Calibration Blank (CCB) associated with QC batch 7208137 at a concentration greater than the project reporting limit. Because all associated samples had detectable concentrations of Sodium at a concentration greater that 10X the amount present in the CCB, corrective action is deemed unnecessary.

Calcium, Sodium, and Zinc were detected in the Method Blank associated with batch 7208137 and Mercury was detected in the Method Blank associated with batch 7209156 at concentrations below the project established reporting limits. No corrective action is taken for any values in Method Blanks that are below the requested reporting limits.

The Serial Dilution associated with batch 7208137 indicated that physical and chemical interferences were present for Potassium. Results in the analytical report have been flagged with an "L" for samples OT32-TMW08, OT32-TMW07, OT32-TMW06, OT32-TMW06-A, OT32-TMW05, OT32-TMW05-A, OT32-TMW04, RW42-MW02, RW42-MW02-A, RW42-MW03, OT32-SB03-15-D, and OT32-SB01-15-D.

MS/MSD analyses were performed using sample OT32-TMW06 for batch 7208137, as requested exhibited recoveries outside the control limits for Thallium. In addition, the percent recoveries and RPD data could not be calculated for Calcium, Magnesium and Sodium due to the sample concentrations reading greater than four times the spike amounts. Because the corresponding Laboratory Control Samples and the Method Blank samples were within control limits, these anomalies may be due to matrix interference and no corrective action was taken.

MS/MSD analyses were performed using sample RW42-MW02 for batch 7208137, as requested exhibited recoveries outside the control limits for Lead and Thallium. In addition, the percent recoveries and RPD data could not be calculated for Calcium, Magnesium and Sodium due to the sample concentrations reading greater than four times the spike amounts. Because the corresponding Laboratory Control Samples and the Method Blank samples were within control limits, these anomalies may be due to matrix interference and no corrective action was taken.

MS/MSD analyses were performed using sample OT32-SB02-25 for batch 7207378, as requested exhibited recoveries outside the control limits for Sodium. In addition, the percent recoveries and RPD data could not be calculated for Aluminum, Calcium, and Iron due to the sample concentrations reading greater than four times the spike amounts. Because the corresponding Laboratory Control Samples and the Method Blank samples were within control limits, these anomalies may be due to matrix interference and no corrective action was taken.

No other anomalies were observed.

Total Dissolved Solids and Percent Moisture – MCAWW 160.1 and 160.3MOD

Each sample is analyzed to achieve the lowest possible reporting limit within the constraints of the method. Due to high constituent concentrations, samples OT32-TMW08, OT32-TMW07, OT32-TMW06, OT32-TMW06-A, OT32-TMW05-A, OT32-TMW04, RW42-MW02, RW42-MW02-A, and RW42-MW03 had to be analyzed at dilutions for Total Dissolved Solids. The reporting limits have been adjusted relative to the dilutions required.

No other anomalies were observed.

Tritium – EPA 906.0 MOD

No anomalies were observed.

EXECUTIVE SUMMARY - Detection Highlights

D7G240162

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
0T32-TMW08 07/20/07 15:17 001				
Mercury	0.037 B,J	0.20	ug/L	SW846 7470A
Barium	140	10	ug/L	SW846 6010B
Calcium	830000 J	200	ug/L	SW846 6010B
Cadmium	1.1 B	5.0	ug/L	SW846 6010B
Cobalt	2.0 B	10	ug/L	SW846 6010B
Potassium	15000 L	3000	ug/L	SW846 6010B
Magnesium	620000	200	ug/L	SW846 6010B
Manganese	580	10	ug/L	SW846 6010B
Sodium	3500000 J	1000	ug/L	SW846 6010B
Selenium	14 B	15	ug/L	SW846 6010B
Vanadium	4.5 B	10	ug/L	SW846 6010B
Zinc	130 J	20	ug/L	SW846 6010B
Acetophenone	1.3 J	10	ug/L	SW846 8270C
bis(2-Ethylhexyl) phthalate	2.1 J	10	ug/L	SW846 8270C
Acetone	30	10	ug/L	SW846 8260B
2-Butanone (MEK)	7.4	6.0	ug/L	SW846 8260B
Chloroform	0.46 J	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	0.15 J	1.0	ug/L	SW846 8260B
2-Hexanone	1.7 J	5.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	1.2 J	5.0	ug/L	SW846 8260B
4-Isopropyltoluene	4.1	1.0	ug/L	SW846 8260B
Total Dissolved Solids	14000 Q	100	mg/L	MCAWW 160.1
0T32-TMW07 07/20/07 15:50 002				
Mercury	0.034 B,J	0.20	ug/L	SW846 7470A
Barium	120	10	ug/L	SW846 6010B
Calcium	780000 J	200	ug/L	SW846 6010B
Cadmium	0.80 B	5.0	ug/L	SW846 6010B
Cobalt	1.8 B	10	ug/L	SW846 6010B
Copper	20	15	ug/L	SW846 6010B
Iron	53 B	100	ug/L	SW846 6010B
Potassium	11000 L	3000	ug/L	SW846 6010B
Magnesium	510000	200	ug/L	SW846 6010B
Manganese	340	10	ug/L	SW846 6010B
Sodium	2900000 J	1000	ug/L	SW846 6010B
Nickel	7.9 B	40	ug/L	SW846 6010B
Selenium	6.5 B	15	ug/L	SW846 6010B
Vanadium	7.2 B	10	ug/L	SW846 6010B

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PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
OT32-TMW07 07/20/07 15:50 002				
Zinc	40 J	20	ug/L	SW846 6010B
Acetone	8.0 J	10	ug/L	SW846 8260B
4-Isopropyltoluene	3.0	1.0	ug/L	SW846 8260B
Total Dissolved Solids	13000 Q	100	mg/L	MCAWW 160.1
OT32-TMW06 07/21/07 09:10 003				
Mercury	0.033 B,J	0.20	ug/L	SW846 7470A
Aluminum	23 B	100	ug/L	SW846 6010B
Barium	150	10	ug/L	SW846 6010B
Calcium	720000 J	200	ug/L	SW846 6010B
Cadmium	1.1 B	5.0	ug/L	SW846 6010B
Copper	22	15	ug/L	SW846 6010B
Iron	300	100	ug/L	SW846 6010B
Potassium	14000 L	3000	ug/L	SW846 6010B
Magnesium	560000	200	ug/L	SW846 6010B
Manganese	260	10	ug/L	SW846 6010B
Sodium	3200000 J	1000	ug/L	SW846 6010B
Selenium	10 B	15	ug/L	SW846 6010B
Vanadium	8.1 B	10	ug/L	SW846 6010B
Zinc	37 J	20	ug/L	SW846 6010B
Acetophenone	1.2 J	10	ug/L	SW846 8270C
Acetone	33	10	ug/L	SW846 8260B
2-Butanone (MEK)	3.9 J	6.0	ug/L	SW846 8260B
4-Isopropyltoluene	0.24 J	1.0	ug/L	SW846 8260B
Total Dissolved Solids	13000 Q	100	mg/L	MCAWW 160.1
OT32-TMW06-A 07/21/07 09:10 004				
Mercury	0.030 B,J	0.20	ug/L	SW846 7470A
Barium	150	10	ug/L	SW846 6010B
Calcium	720000 J	200	ug/L	SW846 6010B
Cadmium	0.92 B	5.0	ug/L	SW846 6010B
Copper	32	15	ug/L	SW846 6010B
Iron	55 B	100	ug/L	SW846 6010B
Potassium	14000 L	3000	ug/L	SW846 6010B
Magnesium	550000	200	ug/L	SW846 6010B

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PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
0T32-TMW06-A 07/21/07 09:10 004				
Manganese	270	10	ug/L	SW846 6010B
Sodium	3200000 J	1000	ug/L	SW846 6010B
Selenium	9.1 B	15	ug/L	SW846 6010B
Vanadium	7.6 B	10	ug/L	SW846 6010B
Zinc	28 J	20	ug/L	SW846 6010B
Acetophenone	1.2 J	10	ug/L	SW846 8270C
Acetone	37	10	ug/L	SW846 8260B
2-Butanone (MEK)	4.7 J	6.0	ug/L	SW846 8260B
4-Isopropyltoluene	0.29 J	1.0	ug/L	SW846 8260B
Naphthalene	0.24 J	1.0	ug/L	SW846 8260B
Total Dissolved Solids	13000 Q	100	mg/L	MCAWW 160.1
0T32-TMW05 07/21/07 09:08 005				
Mercury	0.036 B,J	0.20	ug/L	SW846 7470A
Barium	130	10	ug/L	SW846 6010B
Calcium	580000 J	200	ug/L	SW846 6010B
Cadmium	1.2 B	5.0	ug/L	SW846 6010B
Cobalt	37	10	ug/L	SW846 6010B
Copper	6.4 B	15	ug/L	SW846 6010B
Iron	89 B	100	ug/L	SW846 6010B
Potassium	26000 L	3000	ug/L	SW846 6010B
Magnesium	120000	200	ug/L	SW846 6010B
Manganese	1100	10	ug/L	SW846 6010B
Sodium	320000 J	1000	ug/L	SW846 6010B
Nickel	130	40	ug/L	SW846 6010B
Vanadium	5.6 B	10	ug/L	SW846 6010B
Zinc	110 J	20	ug/L	SW846 6010B
Acetophenone	1.4 J	10	ug/L	SW846 8270C
Acetone	22	10	ug/L	SW846 8260B
Benzene	0.22 J	1.0	ug/L	SW846 8260B
2-Butanone (MEK)	4.6 J	6.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	0.33 J	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	1.4 J	5.0	ug/L	SW846 8260B
4-Isopropyltoluene	2.3	1.0	ug/L	SW846 8260B
Total Dissolved Solids	3900	10	mg/L	MCAWW 160.1

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PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
0T32-TMW05-A 07/21/07 09:08 006				
Mercury	0.034 B,J	0.20	ug/L	SW846 7470A
Barium	130	10	ug/L	SW846 6010B
Calcium	590000 J	200	ug/L	SW846 6010B
Cadmium	0.94 B	5.0	ug/L	SW846 6010B
Cobalt	39	10	ug/L	SW846 6010B
Copper	5.9 B	15	ug/L	SW846 6010B
Iron	69 B	100	ug/L	SW846 6010B
Potassium	27000 L	3000	ug/L	SW846 6010B
Magnesium	130000	200	ug/L	SW846 6010B
Manganese	1100	10	ug/L	SW846 6010B
Sodium	330000 J	1000	ug/L	SW846 6010B
Nickel	140	40	ug/L	SW846 6010B
Vanadium	6.0 B	10	ug/L	SW846 6010B
Zinc	110 J	20	ug/L	SW846 6010B
Acetophenone	1.4 J	10	ug/L	SW846 8270C
Acetone	25	10	ug/L	SW846 8260B
Benzene	0.22 J	1.0	ug/L	SW846 8260B
2-Butanone (MEK)	3.7 J	6.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	0.37 J	1.0	ug/L	SW846 8260B
Methylene chloride	0.38 J,B	5.0	ug/L	SW846 8260B
4-Isopropyltoluene	2.2	1.0	ug/L	SW846 8260B
Total Dissolved Solids	4100 Q	100	mg/L	MCAWW 160.1
TRIP BLANK-COOLER1 07/23/07 007				
Acetone	2.0 J	10	ug/L	SW846 8260B
Methylene chloride	0.55 J,B	5.0	ug/L	SW846 8260B
TRIP BLANK-COOLER2 07/23/07 008				
Methylene chloride	0.46 J,B	5.0	ug/L	SW846 8260B
TRIP BLANK-COOLER3 07/23/07 009				
Methylene chloride	0.45 J,B	5.0	ug/L	SW846 8260B

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PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
TRIP BLANK-COOLER4 07/23/07 010				
Methylene chloride	0.50 J,B	5.0	ug/L	SW846 8260B
OT32-TMW04 07/21/07 11:38 011				
Mercury	0.037 B,J	0.20	ug/L	SW846 7470A
Barium	51	10	ug/L	SW846 6010B
Calcium	560000 J	200	ug/L	SW846 6010B
Cadmium	0.86 B	5.0	ug/L	SW846 6010B
Cobalt	5.1 B	10	ug/L	SW846 6010B
Iron	34 B	100	ug/L	SW846 6010B
Potassium	14000 L	3000	ug/L	SW846 6010B
Magnesium	790000	200	ug/L	SW846 6010B
Manganese	400	10	ug/L	SW846 6010B
Sodium	3800000 J	1000	ug/L	SW846 6010B
Nickel	14 B	40	ug/L	SW846 6010B
Selenium	16	15	ug/L	SW846 6010B
Vanadium	18	10	ug/L	SW846 6010B
Zinc	26 J	20	ug/L	SW846 6010B
Acetone	13	10	ug/L	SW846 8260B
Bromodichloromethane	0.25 J	1.0	ug/L	SW846 8260B
Chloroform	0.96 J	1.0	ug/L	SW846 8260B
Methylene chloride	0.45 J,B	5.0	ug/L	SW846 8260B
4-Isopropyltoluene	0.97 J	1.0	ug/L	SW846 8260B
Total Dissolved Solids	16000 Q	100	mg/L	MCAWW 160.1
RW42-MW02 07/23/07 09:20 012				
Mercury	0.032 B,J	0.20	ug/L	SW846 7470A
Barium	33	10	ug/L	SW846 6010B
Calcium	670000 J	200	ug/L	SW846 6010B
Cadmium	0.66 B	5.0	ug/L	SW846 6010B
Copper	42	15	ug/L	SW846 6010B
Iron	24 B	100	ug/L	SW846 6010B
Potassium	7800 L	3000	ug/L	SW846 6010B
Magnesium	570000	200	ug/L	SW846 6010B
Manganese	130	10	ug/L	SW846 6010B
Sodium	2600000 J	1000	ug/L	SW846 6010B
Selenium	15	15	ug/L	SW846 6010B
Vanadium	5.7 B	10	ug/L	SW846 6010B
Zinc	73 J	20	ug/L	SW846 6010B

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PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
RW42-MW02 07/23/07 09:20 012				
Acetone	3.9 J	10	ug/L	SW846 8260B
Methylene chloride	0.37 J,B	5.0	ug/L	SW846 8260B
Total Dissolved Solids	13000 Q	50	mg/L	MCAWW 160.1
RW42-MW02-A 07/23/07 09:20 013				
Mercury	0.032 B,J	0.20	ug/L	SW846 7470A
Barium	33	10	ug/L	SW846 6010B
Calcium	680000 J	200	ug/L	SW846 6010B
Cadmium	0.55 B	5.0	ug/L	SW846 6010B
Copper	44	15	ug/L	SW846 6010B
Potassium	7900 L	3000	ug/L	SW846 6010B
Magnesium	570000	200	ug/L	SW846 6010B
Manganese	130	10	ug/L	SW846 6010B
Sodium	2600000 J	1000	ug/L	SW846 6010B
Selenium	9.6 B	15	ug/L	SW846 6010B
Vanadium	5.4 B	10	ug/L	SW846 6010B
Zinc	76 J	20	ug/L	SW846 6010B
Methylene chloride	0.37 J,B	5.0	ug/L	SW846 8260B
Total Dissolved Solids	13000 Q	50	mg/L	MCAWW 160.1
RW42-MW03 07/23/07 11:45 014				
Mercury	0.038 B,J	0.20	ug/L	SW846 7470A
Barium	54	10	ug/L	SW846 6010B
Calcium	670000 J	200	ug/L	SW846 6010B
Cadmium	0.48 B	5.0	ug/L	SW846 6010B
Cobalt	1.5 B	10	ug/L	SW846 6010B
Copper	170	15	ug/L	SW846 6010B
Potassium	8800 L	3000	ug/L	SW846 6010B
Magnesium	600000	200	ug/L	SW846 6010B
Manganese	240	10	ug/L	SW846 6010B
Sodium	2700000 J	1000	ug/L	SW846 6010B
Selenium	17	15	ug/L	SW846 6010B
Vanadium	5.0 B	10	ug/L	SW846 6010B
Zinc	55 J	20	ug/L	SW846 6010B
Acetone	5.2 J	10	ug/L	SW846 8260B

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PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
RW42-MW03 07/23/07 11:45 014				
Bromoform	0.20 J	1.0	ug/L	SW846 8260B
Methylene chloride	0.36 J,B	5.0	ug/L	SW846 8260B
Total Dissolved Solids	13000 Q	50	mg/L	MCAWW 160.1
TRIP BLANK-COOLER5 07/23/07 015				
Methylene chloride	0.52 J,B	5.0	ug/L	SW846 8260B
TRIP BLANK-COOLER6 07/23/07 016				
Methylene chloride	0.41 J,B	5.0	ug/L	SW846 8260B
TRIP BLANK-COOLER7 07/23/07 017				
Methylene chloride	0.57 J,B	5.0	ug/L	SW846 8260B
TRIP BLANK-COOLER8 07/23/07 018				
Methylene chloride	0.47 J,B	5.0	ug/L	SW846 8260B
0T32-SB03-15 07/23/07 08:30 019				
Diesel Range Organics (C10-C22	2.2 J,B	4.9	mg/kg	SW846 8015B
Aluminum	6800	12	mg/kg	SW846 6010B
Arsenic	1.2 B	2.4	mg/kg	SW846 6010B
Barium	120	1.2	mg/kg	SW846 6010B
Beryllium	0.29 B	0.61	mg/kg	SW846 6010B
Calcium	160000	61	mg/kg	SW846 6010B
Cobalt	2.6	1.2	mg/kg	SW846 6010B
Chromium	7.4	1.8	mg/kg	SW846 6010B
Copper	4.3	2.4	mg/kg	SW846 6010B
Iron	6900	18	mg/kg	SW846 6010B
Potassium	1500	370	mg/kg	SW846 6010B
Magnesium	4500	24	mg/kg	SW846 6010B
Manganese	230	1.2	mg/kg	SW846 6010B
Sodium	270 B	610	mg/kg	SW846 6010B
Nickel	5.2	4.9	mg/kg	SW846 6010B
Lead	4.0	0.98	mg/kg	SW846 6010B
Vanadium	20	2.4	mg/kg	SW846 6010B
Zinc	15	3.7	mg/kg	SW846 6010B

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PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
0T32-SB03-15 07/23/07 08:30 019				
2-Butanone (MEK)	13 J,B	28	ug/kg	SW846 8260B
Percent Moisture	18	0.10	%	MCAWW 160.3 MOD
0T32-SB03-25 07/23/07 09:00 020				
Diesel Range Organics (C10-C22	2.2 J,B	5.0	mg/kg	SW846 8015B
Aluminum	6300	13	mg/kg	SW846 6010B
Barium	73	1.3	mg/kg	SW846 6010B
Beryllium	0.27 B	0.63	mg/kg	SW846 6010B
Calcium	160000	63	mg/kg	SW846 6010B
Cobalt	1.7	1.3	mg/kg	SW846 6010B
Chromium	6.7	1.9	mg/kg	SW846 6010B
Copper	2.5	2.5	mg/kg	SW846 6010B
Iron	6100	19	mg/kg	SW846 6010B
Potassium	1400	380	mg/kg	SW846 6010B
Magnesium	3100	25	mg/kg	SW846 6010B
Manganese	78	1.3	mg/kg	SW846 6010B
Sodium	670	630	mg/kg	SW846 6010B
Nickel	4.3 B	5.0	mg/kg	SW846 6010B
Lead	3.7	1.0	mg/kg	SW846 6010B
Vanadium	12	2.5	mg/kg	SW846 6010B
Zinc	15	3.8	mg/kg	SW846 6010B
2-Butanone (MEK)	11 J,B	24	ug/kg	SW846 8260B
Percent Moisture	20	0.10	%	MCAWW 160.3 MOD
0T32-SB03-25A 07/23/07 09:00 021				
Diesel Range Organics (C10-C22	2.2 J,B	5.0	mg/kg	SW846 8015B
Aluminum	7000	13	mg/kg	SW846 6010B
Barium	77	1.3	mg/kg	SW846 6010B
Beryllium	0.36 B	0.63	mg/kg	SW846 6010B
Calcium	130000	63	mg/kg	SW846 6010B
Cadmium	0.056 B	0.63	mg/kg	SW846 6010B
Cobalt	2.2	1.3	mg/kg	SW846 6010B
Chromium	7.6	1.9	mg/kg	SW846 6010B
Copper	2.9	2.5	mg/kg	SW846 6010B
Iron	7600	19	mg/kg	SW846 6010B
Potassium	1600	380	mg/kg	SW846 6010B
Magnesium	3600	25	mg/kg	SW846 6010B

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PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
0T32-SB03-25A 07/23/07 09:00 021				
Manganese	92	1.3	mg/kg	SW846 6010B
Sodium	700	630	mg/kg	SW846 6010B
Nickel	5.1	5.0	mg/kg	SW846 6010B
Lead	4.1	1.0	mg/kg	SW846 6010B
Vanadium	15	2.5	mg/kg	SW846 6010B
Zinc	19	3.8	mg/kg	SW846 6010B
2-Butanone (MEK)	12 J,B	26	ug/kg	SW846 8260B
Percent Moisture	21	0.10	%	MCAWW 160.3 MOD
0T32-SB03-15-D 07/23/07 08:00 022				
Diesel Range Organics (C10-C22	0.050 J,B	0.25	mg/L	SW846 8015B
Mercury	0.028 B,J	0.20	ug/L	SW846 7470A
Barium	3.0 B	10	ug/L	SW846 6010B
Calcium	480 J	200	ug/L	SW846 6010B
Iron	90 B	100	ug/L	SW846 6010B
Manganese	3.5 B	10	ug/L	SW846 6010B
Sodium	540 B,J	1000	ug/L	SW846 6010B
Methylene chloride	0.45 J,B	5.0	ug/L	SW846 8260B
Total Dissolved Solids	7.0 B	10	mg/L	MCAWW 160.1
0T32-SB02-10 07/23/07 10:45 023				
Diesel Range Organics (C10-C22	2.0 J,B	4.6	mg/kg	SW846 8015B
Aluminum	11000	12	mg/kg	SW846 6010B
Arsenic	2.9	2.3	mg/kg	SW846 6010B
Barium	90	1.2	mg/kg	SW846 6010B
Beryllium	0.44 B	0.58	mg/kg	SW846 6010B
Calcium	90000	58	mg/kg	SW846 6010B
Cadmium	0.060 B	0.58	mg/kg	SW846 6010B
Cobalt	3.3	1.2	mg/kg	SW846 6010B
Chromium	10	1.7	mg/kg	SW846 6010B
Copper	6.3	2.3	mg/kg	SW846 6010B
Iron	8800	17	mg/kg	SW846 6010B
Potassium	2900	350	mg/kg	SW846 6010B
Magnesium	7000	23	mg/kg	SW846 6010B
Manganese	150	1.2	mg/kg	SW846 6010B
Sodium	2000	580	mg/kg	SW846 6010B

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PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
0T32-SB02-10 07/23/07 10:45 023				
Nickel	7.2	4.6	mg/kg	SW846 6010B
Lead	4.8	0.93	mg/kg	SW846 6010B
Vanadium	24	2.3	mg/kg	SW846 6010B
Zinc	27	3.5	mg/kg	SW846 6010B
2-Butanone (MEK)	12 J,B	25	ug/kg	SW846 8260B
Percent Moisture	14	0.10	%	MCAWW 160.3 MOD
0T32-SB02-25 07/23/07 11:00 024				
Diesel Range Organics (C10-C22	2.1 J,B	5.1	mg/kg	SW846 8015B
Aluminum	5000	13	mg/kg	SW846 6010B
Barium	57	1.3	mg/kg	SW846 6010B
Beryllium	0.21 B	0.64	mg/kg	SW846 6010B
Calcium	74000	64	mg/kg	SW846 6010B
Cobalt	1.3	1.3	mg/kg	SW846 6010B
Chromium	6.2	1.9	mg/kg	SW846 6010B
Copper	2.4 B	2.6	mg/kg	SW846 6010B
Iron	4300	19	mg/kg	SW846 6010B
Potassium	1100	380	mg/kg	SW846 6010B
Magnesium	2400	26	mg/kg	SW846 6010B
Manganese	54	1.3	mg/kg	SW846 6010B
Sodium	710	640	mg/kg	SW846 6010B
Nickel	3.2 B	5.1	mg/kg	SW846 6010B
Lead	2.5	1.0	mg/kg	SW846 6010B
Vanadium	10	2.6	mg/kg	SW846 6010B
Zinc	13	3.8	mg/kg	SW846 6010B
2-Butanone (MEK)	11 J,B	23	ug/kg	SW846 8260B
Percent Moisture	22	0.10	%	MCAWW 160.3 MOD
0T32-SB01-15-D 07/23/07 12:10 025				
Diesel Range Organics (C10-C22	0.052 J,B	0.25	mg/L	SW846 8015B
Mercury	0.033 B,J	0.20	ug/L	SW846 7470A
Aluminum	42 B	100	ug/L	SW846 6010B
Barium	4.0 B	10	ug/L	SW846 6010B
Calcium	580 J	200	ug/L	SW846 6010B
Iron	70 B	100	ug/L	SW846 6010B
Magnesium	56 B	200	ug/L	SW846 6010B
Manganese	3.2 B	10	ug/L	SW846 6010B

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PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
0T32-SB01-15-D 07/23/07 12:10 025				
Sodium	560 B,J	1000	ug/L	SW846 6010B
Zinc	8.9 B,J	20	ug/L	SW846 6010B
Methylene chloride	0.39 J,B	5.0	ug/L	SW846 8260B
0T32-SB01-15 07/23/07 12:00 026				
Diesel Range Organics (C10-C22	2.1 J,B	4.7	mg/kg	SW846 8015B
Aluminum	5300	12	mg/kg	SW846 6010B
Arsenic	1.1 B	2.4	mg/kg	SW846 6010B
Barium	43	1.2	mg/kg	SW846 6010B
Beryllium	0.25 B	0.59	mg/kg	SW846 6010B
Calcium	150000	59	mg/kg	SW846 6010B
Cobalt	1.7	1.2	mg/kg	SW846 6010B
Chromium	5.8	1.8	mg/kg	SW846 6010B
Copper	3.0	2.4	mg/kg	SW846 6010B
Iron	4400	18	mg/kg	SW846 6010B
Potassium	1300	350	mg/kg	SW846 6010B
Magnesium	3000	24	mg/kg	SW846 6010B
Manganese	62	1.2	mg/kg	SW846 6010B
Sodium	1300	590	mg/kg	SW846 6010B
Nickel	4.0 B	4.7	mg/kg	SW846 6010B
Lead	2.8	0.94	mg/kg	SW846 6010B
Vanadium	12	2.4	mg/kg	SW846 6010B
Zinc	14	3.5	mg/kg	SW846 6010B
2-Butanone (MEK)	13 J,B	26	ug/kg	SW846 8260B
1,2,3-Trichlorobenzene	1.2 J	6.5	ug/kg	SW846 8260B
Naphthalene	1.3 J	6.5	ug/kg	SW846 8260B
Percent Moisture	15	0.10	%	MCAWW 160.3 MOD
0T32-SB01-25 07/23/07 12:15 027				
Diesel Range Organics (C10-C22	2.2 J,B	5.0	mg/kg	SW846 8015B
Cobalt	2.2	1.3	mg/kg	SW846 6010B
Chromium	5.3	1.9	mg/kg	SW846 6010B
Copper	3.2	2.5	mg/kg	SW846 6010B
Iron	5600	19	mg/kg	SW846 6010B
Potassium	1100	380	mg/kg	SW846 6010B
Magnesium	2700	25	mg/kg	SW846 6010B
Manganese	130	1.3	mg/kg	SW846 6010B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

D7G240162

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
0T32-SB01-25 07/23/07 12:15 027				
Sodium	360 B	630	mg/kg	SW846 6010B
Nickel	4.8 B	5.0	mg/kg	SW846 6010B
Lead	2.4	1.0	mg/kg	SW846 6010B
Vanadium	20	2.5	mg/kg	SW846 6010B
Aluminum	4600	13	mg/kg	SW846 6010B
Arsenic	1.6 B	2.5	mg/kg	SW846 6010B
Barium	23	1.3	mg/kg	SW846 6010B
Beryllium	0.22 B	0.63	mg/kg	SW846 6010B
Calcium	140000	63	mg/kg	SW846 6010B
Zinc	11	3.8	mg/kg	SW846 6010B
2-Butanone (MEK)	12 J,B	25	ug/kg	SW846 8260B
Percent Moisture	20	0.10	%	MCAWW 160.3 MOD
TRIP BLANK-COOLER9 07/23/07 028				
Methylene chloride	0.44 J,B	5.0	ug/L	SW846 8260B
TRIP BLANK-COOLER10 07/23/07 029				
Acetone	3.0 J	10	ug/L	SW846 8260B
Methylene chloride	0.61 J,B	5.0	ug/L	SW846 8260B
TRIP BLANK-COOLER11 07/23/07 030				
Methylene chloride	0.42 J,B	5.0	ug/L	SW846 8260B
TRIP BLANK-COOLER12 07/23/07 031				
Methylene chloride	0.41 J,B	5.0	ug/L	SW846 8260B
TRIP BLANK-COOLER13 07/23/07 032				
Methylene chloride	0.59 J,B	5.0	ug/L	SW846 8260B

METHODS SUMMARY

D7G240162

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Extractable Petroleum Hydrocarbons	SW846 8015B	SW846 3510
Extractable Petroleum Hydrocarbons	SW846 8015B	SW846 3550B
Filterable Residue (TDS)	MCAWW 160.1	MCAWW 160.1
H-3 by Distillation & LSC	EPA 906.0 MOD	
Inductively Coupled Plasma (ICP) Metals	SW846 6010B	SW846 3010A
Inductively Coupled Plasma (ICP) Metals	SW846 6010B	SW846 3050B
Mercury in Liquid Waste (Manual Cold-Vapor)	SW846 7470A	SW846 7470A
Mercury in Solid Waste (Manual Cold-Vapor)	SW846 7471A	SW846 7471A
Percent Moisture	MCAWW 160.3 MOD	MCAWW 160.3 MOD
Semivolatile Organic Compounds by GC/MS	SW846 8270C	SW846 3520C
Semivolatile Organic Compounds by GC/MS	SW846 8270C	SW846 3550B
Volatile Organics by GC/MS	SW846 8260B	SW846 5030B/826
Volatile Organics by GC/MS	SW846 8260B	SW846 5035
Volatile Petroleum Hydrocarbons	SW846 8015B	SW846 5030
Volatile Petroleum Hydrocarbons	SW846 8015B	SW846 5035

References:

EPA "EASTERN ENVIRONMENTAL RADIATION FACILITY RADIOCHEMISTRY PROCEDURES MANUAL" US EPA EPA 520/5-84-006 AUGUST 1984

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

METHOD / ANALYST SUMMARY

D7G240162

ANALYTICAL METHOD	ANALYST	ANALYST ID
EPA 906.0 MOD	Staci Epkins	402630
MCAWW 160.1	ReAnna Davis	002266
MCAWW 160.3 MOD	Christopher Grisdale	9582
SW846 6010B	Janel Motichka	002862
SW846 6010B	Janel Motichka	2862
SW846 7470A	David Wells	5099
SW846 7471A	David Wells	5099
SW846 8015B	Adam Pavlakovich	003128
SW846 8015B	Heather Dybas	038161
SW846 8260B	Dan Appelhans	001008
SW846 8260B	Greg Meier	006004
SW846 8270C	Daniel Kiekel	011370

References:

EPA "EASTERN ENVIRONMENTAL RADIATION FACILITY RADIOCHEMISTRY PROCEDURES MANUAL" US EPA EPA 520/5-84-006 AUGUST 1984

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

D7G240162

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J3FTR	001	0T32-TMW08	07/20/07	15:17
J3FT0	002	0T32-TMW07	07/20/07	15:50
J3FT4	003	0T32-TMW06	07/21/07	09:10
J3FVK	004	0T32-TMW06-A	07/21/07	09:10
J3FVM	005	0T32-TMW05	07/21/07	09:08
J3FVN	006	0T32-TMW05-A	07/21/07	09:08
J3FVP	007	TRIP BLANK-COOLER1	07/23/07	
J3FVQ	008	TRIP BLANK-COOLER2	07/23/07	
J3FVR	009	TRIP BLANK-COOLER3	07/23/07	
J3FVT	010	TRIP BLANK-COOLER4	07/23/07	
J3FVV	011	OT32-TMW04	07/21/07	11:38
J3FV7	012	RW42-MW02	07/23/07	09:20
J3FWD	013	RW42-MW02-A	07/23/07	09:20
J3FWF	014	RW42-MW03	07/23/07	11:45
J3FWG	015	TRIP BLANK-COOLER5	07/23/07	
J3FWK	016	TRIP BLANK-COOLER6	07/23/07	
J3FWL	017	TRIP BLANK-COOLER7	07/23/07	
J3FWN	018	TRIP BLANK-COOLER8	07/23/07	
J3FWR	019	0T32-SB03-15	07/23/07	08:30
J3FW5	020	0T32-SB03-25	07/23/07	09:00
J3FW7	021	0T32-SB03-25A	07/23/07	09:00
J3FW9	022	0T32-SB03-15-D	07/23/07	08:00
J3FXM	023	0T32-SB02-10	07/23/07	10:45
J3FXQ	024	0T32-SB02-25	07/23/07	11:00
J3F0F	025	0T32-SB01-15-D	07/23/07	12:10
J3F0L	026	0T32-SB01-15	07/23/07	12:00
J3F0M	027	0T32-SB01-25	07/23/07	12:15
J3F01	028	TRIP BLANK-COOLER9	07/23/07	
J3F02	029	TRIP BLANK-COOLER10	07/23/07	
J3F03	030	TRIP BLANK-COOLER11	07/23/07	
J3F06	031	TRIP BLANK-COOLER12	07/23/07	
J3F07	032	TRIP BLANK-COOLER13	07/23/07	

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

Bhate Environmental Associates

Client Sample ID: 0T32-TMW08

GC/MS Volatiles

Lot-Sample #...: D7G240162-001 **Work Order #...:** J3FTR1A5 **Matrix.....:** WG
Date Sampled...: 07/20/07 15:17 **Date Received..:** 07/24/07
Prep Date.....: 08/01/07 **Analysis Date..:** 08/01/07
Prep Batch #...: 7214323 **Analysis Time..:** 18:06
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**30**	**10**	**ug/L**	**1.9**
Benzene	ND	1.0	ug/L	0.16
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	1.0	ug/L	0.19
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	**7.4**	**6.0**	**ug/L**	**1.8**
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	**0.46 J**	**1.0**	**ug/L**	**0.16**
Chloromethane	ND	2.0	ug/L	0.30
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	**0.15 J**	**1.0**	**ug/L**	**0.14**
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	**1.7 J**	**5.0**	**ug/L**	**1.4**
Methylene chloride	ND	5.0	ug/L	0.32
4-Methyl-2-pentanone	**1.2 J**	**5.0**	**ug/L**	**0.49**
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.32

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Bhate Environmental Associates

Client Sample ID: 0T32-TMW08

GC/MS Volatiles

Lot-Sample #...: D7G240162-001 **Work Order #...:** J3FTR1A5 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	**4.1**	**1.0**	**ug/L**	**0.17**
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	98	(77 - 119)
1,2-Dichloroethane-d4	102	(70 - 127)
4-Bromofluorobenzene	96	(78 - 118)
Toluene-d8	94	(83 - 125)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: 0T32-TMW07

GC/MS Volatiles

Lot-Sample #...: D7G240162-002 **Work Order #...:** J3FT01AG **Matrix.....:** WG
Date Sampled...: 07/20/07 15:50 **Date Received..:** 07/24/07
Prep Date.....: 08/01/07 **Analysis Date..:** 08/01/07
Prep Batch #...: 7214323 **Analysis Time..:** 18:25
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**8.0 J**	**10**	**ug/L**	**1.9**
Benzene	ND	1.0	ug/L	0.16
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	1.0	ug/L	0.19
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	ND	6.0	ug/L	1.8
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	2.0	ug/L	0.30
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	1.0	ug/L	0.14
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	ND	5.0	ug/L	1.4
Methylene chloride	ND	5.0	ug/L	0.32
4-Methyl-2-pentanone	ND	5.0	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,2,4-Trichlorobenzene	ND	1.0	ug/L	0.32

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Bhate Environmental Associates

Client Sample ID: 0T32-TMW07

GC/MS Volatiles

Lot-Sample #...: D7G240162-002 **Work Order #...:** J3FT01AG **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	**3.0**	**1.0**	**ug/L**	**0.17**
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	97	(77 - 119)
1,2-Dichloroethane-d4	96	(70 - 127)
4-Bromofluorobenzene	100	(78 - 118)
Toluene-d8	93	(83 - 125)

NOTE(S):

J Estimated result. Result is less than RL.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: 0T32-TMW06

GC/MS Volatiles

Lot-Sample #...: D7G240162-003 **Work Order #...:** J3FT41AG **Matrix.....:** WG
Date Sampled...: 07/21/07 09:10 **Date Received..:** 07/24/07
Prep Date.....: 08/01/07 **Analysis Date..:** 08/01/07
Prep Batch #...: 7214323 **Analysis Time..:** 18:43
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**33**	**10**	**ug/L**	**1.9**
Benzene	ND	1.0	ug/L	0.16
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	1.0	ug/L	0.19
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	**3.9 J**	**6.0**	**ug/L**	**1.8**
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	2.0	ug/L	0.30
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	1.0	ug/L	0.14
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	ND	5.0	ug/L	1.4
Methylene chloride	ND	5.0	ug/L	0.32
4-Methyl-2-pentanone	ND	5.0	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,2,4-Trichlorobenzene	ND	1.0	ug/L	0.32

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Bhate Environmental Associates

Client Sample ID: 0T32-TMW06

GC/MS Volatiles

Lot-Sample #...: D7G240162-003 **Work Order #...:** J3FT41AG **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	**0.24 J**	**1.0**	**ug/L**	**0.17**
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	97	(77 - 119)
1,2-Dichloroethane-d4	96	(70 - 127)
4-Bromofluorobenzene	94	(78 - 118)
Toluene-d8	91	(83 - 125)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: 0T32-TMW06-A

GC/MS Volatiles

Lot-Sample #...: D7G240162-004 **Work Order #...:** J3FVK1AG **Matrix.....:** WG
Date Sampled...: 07/21/07 09:10 **Date Received..:** 07/24/07
Prep Date.....: 08/01/07 **Analysis Date..:** 08/01/07
Prep Batch #...: 7214323 **Analysis Time..:** 19:57
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**37**	**10**	**ug/L**	**1.9**
Benzene	ND	1.0	ug/L	0.16
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	1.0	ug/L	0.19
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	**4.7 J**	**6.0**	**ug/L**	**1.8**
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	2.0	ug/L	0.30
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	1.0	ug/L	0.14
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	ND	5.0	ug/L	1.4
Methylene chloride	ND	5.0	ug/L	0.32
4-Methyl-2-pentanone	ND	5.0	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.32

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Bhate Environmental Associates

Client Sample ID: 0T32-TMW06-A

GC/MS Volatiles

Lot-Sample #...: D7G240162-004 **Work Order #...:** J3FVK1AG **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	**0.29 J**	**1.0**	**ug/L**	**0.17**
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	**0.24 J**	**1.0**	**ug/L**	**0.22**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	102	(77 - 119)
1,2-Dichloroethane-d4	106	(70 - 127)
4-Bromofluorobenzene	94	(78 - 118)
Toluene-d8	97	(83 - 125)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: 0T32-TMW05

GC/MS Volatiles

Lot-Sample #...: D7G240162-005 **Work Order #...:** J3FVM1AG **Matrix.....:** WG
Date Sampled...: 07/21/07 09:08 **Date Received..:** 07/24/07
Prep Date.....: 08/01/07 **Analysis Date..:** 08/01/07
Prep Batch #...: 7214323 **Analysis Time..:** 20:15
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**22**	**10**	**ug/L**	**1.9**
Benzene	**0.22 J**	**1.0**	**ug/L**	**0.16**
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	1.0	ug/L	0.19
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	**4.6 J**	**6.0**	**ug/L**	**1.8**
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	2.0	ug/L	0.30
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	**0.33 J**	**1.0**	**ug/L**	**0.16**
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	1.0	ug/L	0.14
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	ND	5.0	ug/L	1.4
Methylene chloride	ND	5.0	ug/L	0.32
4-Methyl-2-pentanone	**1.4 J**	**5.0**	**ug/L**	**0.49**
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.32

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Bhate Environmental Associates

Client Sample ID: 0T32-TMW05

GC/MS Volatiles

Lot-Sample #...: D7G240162-005 **Work Order #...:** J3FVM1AG **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	**2.3**	**1.0**	**ug/L**	**0.17**
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	99	(77 - 119)
1,2-Dichloroethane-d4	94	(70 - 127)
4-Bromofluorobenzene	94	(78 - 118)
Toluene-d8	95	(83 - 125)

NOTE(S):

J Estimated result. Result is less than RL.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: 0T32-TMW05-A

GC/MS Volatiles

Lot-Sample #...: D7G240162-006 **Work Order #...:** J3FVN1AG **Matrix.....:** WG
Date Sampled...: 07/21/07 09:08 **Date Received..:** 07/24/07
Prep Date.....: 08/03/07 **Analysis Date..:** 08/03/07
Prep Batch #...: 7218063 **Analysis Time..:** 11:49
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**25**	**10**	**ug/L**	**1.9**
Benzene	**0.22 J**	**1.0**	**ug/L**	**0.16**
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	1.0	ug/L	0.19
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	**3.7 J**	**6.0**	**ug/L**	**1.8**
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	2.0	ug/L	0.30
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	**0.37 J**	**1.0**	**ug/L**	**0.16**
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	1.0	ug/L	0.14
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	ND	5.0	ug/L	1.4
Methylene chloride	**0.38 J,B**	**5.0**	**ug/L**	**0.32**
4-Methyl-2-pentanone	ND	5.0	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.32

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Bhate Environmental Associates

Client Sample ID: 0T32-TMW05-A

GC/MS Volatiles

Lot-Sample #...: D7G240162-006 **Work Order #...:** J3FVN1AG **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	**2.2**	**1.0**	**ug/L**	**0.17**
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	98	(77 - 119)
1,2-Dichloroethane-d4	101	(70 - 127)
4-Bromofluorobenzene	102	(78 - 118)
Toluene-d8	99	(83 - 125)

NOTE(S):

J Estimated result. Result is less than RL.

ND: The analyte was analyzed for, but not detected.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: TRIP BLANK-COOLER1

GC/MS Volatiles

Lot-Sample #...: D7G240162-007
Date Sampled...: 07/23/07
Prep Date.....: 08/03/07
Prep Batch #...: 7218063
Dilution Factor: 1

Work Order #...: J3FVP1AA
Date Received..: 07/24/07
Analysis Date..: 08/03/07
Analysis Time..: 12:08

Matrix.....: WQ

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**2.0 J**	**10**	**ug/L**	**1.9**
Benzene	ND	1.0	ug/L	0.16
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	1.0	ug/L	0.19
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	ND	6.0	ug/L	1.8
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	2.0	ug/L	0.30
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	1.0	ug/L	0.14
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	ND	5.0	ug/L	1.4
Methylene chloride	**0.55 J,B**	**5.0**	**ug/L**	**0.32**
4-Methyl-2-pentanone	ND	5.0	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,2,4-Trichlorobenzene	ND	1.0	ug/L	0.32

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Bhate Environmental Associates

Client Sample ID: TRIP BLANK-COOLER1

GC/MS Volatiles

Lot-Sample #...: D7G240162-007 **Work Order #...:** J3FVP1AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	ND	1.0	ug/L	0.17
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	97	(77 - 119)
1,2-Dichloroethane-d4	96	(70 - 127)
4-Bromofluorobenzene	97	(78 - 118)
Toluene-d8	99	(83 - 125)

NOTE(S):

J Estimated result. Result is less than RL.

ND: The analyte was analyzed for, but not detected.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: TRIP BLANK-COOLER2

GC/MS Volatiles

Lot-Sample #...: D7G240162-008 **Work Order #...:** J3FVQ1AA **Matrix.....:** WQ
Date Sampled...: 07/23/07 **Date Received..:** 07/24/07
Prep Date.....: 08/03/07 **Analysis Date..:** 08/03/07
Prep Batch #...: 7218063 **Analysis Time..:** 12:26
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.9
Benzene	ND	1.0	ug/L	0.16
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	1.0	ug/L	0.19
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	ND	6.0	ug/L	1.8
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	2.0	ug/L	0.30
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	1.0	ug/L	0.14
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	ND	5.0	ug/L	1.4
Methylene chloride	**0.46 J,B**	**5.0**	**ug/L**	**0.32**
4-Methyl-2-pentanone	ND	5.0	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,2,4-Trichlorobenzene	ND	1.0	ug/L	0.32

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Bhate Environmental Associates

Client Sample ID: TRIP BLANK-COOLER2

GC/MS Volatiles

Lot-Sample #...: D7G240162-008 **Work Order #...:** J3FVQ1AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	ND	1.0	ug/L	0.17
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	94	(77 - 119)
1,2-Dichloroethane-d4	95	(70 - 127)
4-Bromofluorobenzene	96	(78 - 118)
Toluene-d8	98	(83 - 125)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: TRIP BLANK-COOLER3

GC/MS Volatiles

Lot-Sample #...: D7G240162-009 **Work Order #...:** J3FVR1AA **Matrix.....:** WQ
Date Sampled...: 07/23/07 **Date Received..:** 07/24/07
Prep Date.....: 08/03/07 **Analysis Date..:** 08/03/07
Prep Batch #...: 7218063 **Analysis Time..:** 12:45
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.9
Benzene	ND	1.0	ug/L	0.16
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	1.0	ug/L	0.19
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	ND	6.0	ug/L	1.8
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	2.0	ug/L	0.30
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	1.0	ug/L	0.14
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	ND	5.0	ug/L	1.4
Methylene chloride	**0.45 J,B**	**5.0**	**ug/L**	**0.32**
4-Methyl-2-pentanone	ND	5.0	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,2,4-Trichlorobenzene	ND	1.0	ug/L	0.32

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Bhate Environmental Associates

Client Sample ID: TRIP BLANK-COOLER3

GC/MS Volatiles

Lot-Sample #...: D7G240162-009 **Work Order #...:** J3FVR1AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	ND	1.0	ug/L	0.17
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	102	(77 - 119)
1,2-Dichloroethane-d4	103	(70 - 127)
4-Bromofluorobenzene	95	(78 - 118)
Toluene-d8	104	(83 - 125)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: TRIP BLANK-COOLER4

GC/MS Volatiles

Lot-Sample #...: D7G240162-010 **Work Order #...:** J3FVT1AA **Matrix.....:** WQ
Date Sampled...: 07/23/07 **Date Received..:** 07/24/07
Prep Date.....: 08/03/07 **Analysis Date..:** 08/03/07
Prep Batch #...: 7218063 **Analysis Time..:** 13:03
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.9
Benzene	ND	1.0	ug/L	0.16
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	1.0	ug/L	0.19
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	ND	6.0	ug/L	1.8
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	2.0	ug/L	0.30
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	1.0	ug/L	0.14
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	ND	5.0	ug/L	1.4
Methylene chloride	**0.50 J,B**	**5.0**	**ug/L**	**0.32**
4-Methyl-2-pentanone	ND	5.0	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,2,4-Trichlorobenzene	ND	1.0	ug/L	0.32

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Bhate Environmental Associates

Client Sample ID: TRIP BLANK-COOLER4

GC/MS Volatiles

Lot-Sample #...: D7G240162-010 **Work Order #...:** J3FVT1AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	ND	1.0	ug/L	0.17
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	100	(77 - 119)
1,2-Dichloroethane-d4	99	(70 - 127)
4-Bromofluorobenzene	102	(78 - 118)
Toluene-d8	102	(83 - 125)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: OT32-TMW04

GC/MS Volatiles

Lot-Sample #...: D7G240162-011 **Work Order #...:** J3FVV1AG **Matrix.....:** WG
Date Sampled...: 07/21/07 11:38 **Date Received..:** 07/24/07
Prep Date.....: 08/03/07 **Analysis Date..:** 08/03/07
Prep Batch #...: 7218063 **Analysis Time..:** 13:22
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**13**	**10**	**ug/L**	**1.9**
Benzene	ND	1.0	ug/L	0.16
Bromodichloromethane	**0.25 J**	**1.0**	**ug/L**	**0.17**
Bromoform	ND	1.0	ug/L	0.19
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	ND	6.0	ug/L	1.8
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	**0.96 J**	**1.0**	**ug/L**	**0.16**
Chloromethane	ND	2.0	ug/L	0.30
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	1.0	ug/L	0.14
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	ND	5.0	ug/L	1.4
Methylene chloride	**0.45 J,B**	**5.0**	**ug/L**	**0.32**
4-Methyl-2-pentanone	ND	5.0	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.32

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Bhate Environmental Associates

Client Sample ID: OT32-TMW04

GC/MS Volatiles

Lot-Sample #...: D7G240162-011 **Work Order #...:** J3FVV1AG **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	**0.97 J**	**1.0**	**ug/L**	**0.17**
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	117	(77 - 119)
1,2-Dichloroethane-d4	127	(70 - 127)
4-Bromofluorobenzene	105	(78 - 118)
Toluene-d8	104	(83 - 125)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: RW42-MW02

GC/MS Volatiles

Lot-Sample #...: D7G240162-012 **Work Order #...:** J3FV71AG **Matrix.....:** WG
Date Sampled...: 07/23/07 09:20 **Date Received..:** 07/24/07
Prep Date.....: 08/03/07 **Analysis Date..:** 08/03/07
Prep Batch #...: 7218063 **Analysis Time..:** 13:40
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**3.9 J**	**10**	**ug/L**	**1.9**
Benzene	ND	1.0	ug/L	0.16
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	1.0	ug/L	0.19
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	ND	6.0	ug/L	1.8
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	2.0	ug/L	0.30
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	1.0	ug/L	0.14
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	ND	5.0	ug/L	1.4
Methylene chloride	**0.37 J,B**	**5.0**	**ug/L**	**0.32**
4-Methyl-2-pentanone	ND	5.0	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.32

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Bhate Environmental Associates

Client Sample ID: RW42-MW02

GC/MS Volatiles

Lot-Sample #...: D7G240162-012 **Work Order #...:** J3FV71AG **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	ND	1.0	ug/L	0.17
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	111	(77 - 119)
1,2-Dichloroethane-d4	116	(70 - 127)
4-Bromofluorobenzene	98	(78 - 118)
Toluene-d8	98	(83 - 125)

NOTE(S):

J Estimated result. Result is less than RL.

ND: The analyte was analyzed for, but not detected.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: RW42-MW02-A

GC/MS Volatiles

Lot-Sample #...: D7G240162-013 **Work Order #...:** J3FWD1AG **Matrix.....:** WG
Date Sampled...: 07/23/07 09:20 **Date Received..:** 07/24/07
Prep Date.....: 08/03/07 **Analysis Date..:** 08/03/07
Prep Batch #...: 7218063 **Analysis Time..:** 14:54
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.9
Benzene	ND	1.0	ug/L	0.16
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	1.0	ug/L	0.19
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	ND	6.0	ug/L	1.8
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	2.0	ug/L	0.30
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	1.0	ug/L	0.14
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	ND	5.0	ug/L	1.4
Methylene chloride	**0.37 J,B**	**5.0**	**ug/L**	**0.32**
4-Methyl-2-pentanone	ND	5.0	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.32

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Bhate Environmental Associates

Client Sample ID: RW42-MW02-A

GC/MS Volatiles

Lot-Sample #...: D7G240162-013 **Work Order #...:** J3FWD1AG **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	ND	1.0	ug/L	0.17
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	103	(77 - 119)
1,2-Dichloroethane-d4	108	(70 - 127)
4-Bromofluorobenzene	101	(78 - 118)
Toluene-d8	98	(83 - 125)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: RW42-MW03

GC/MS Volatiles

Lot-Sample #...: D7G240162-014 **Work Order #...:** J3FWF1AG **Matrix.....:** WG
Date Sampled...: 07/23/07 11:45 **Date Received..:** 07/24/07
Prep Date.....: 08/03/07 **Analysis Date..:** 08/03/07
Prep Batch #...: 7218063 **Analysis Time..:** 15:13
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**5.2 J**	**10**	**ug/L**	**1.9**
Benzene	ND	1.0	ug/L	0.16
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	**0.20 J**	**1.0**	**ug/L**	**0.19**
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	ND	6.0	ug/L	1.8
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	2.0	ug/L	0.30
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	1.0	ug/L	0.14
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	ND	5.0	ug/L	1.4
Methylene chloride	**0.36 J,B**	**5.0**	**ug/L**	**0.32**
4-Methyl-2-pentanone	ND	5.0	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.32

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Bhate Environmental Associates

Client Sample ID: RW42-MW03

GC/MS Volatiles

Lot-Sample #...: D7G240162-014 **Work Order #...:** J3FWF1AG **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	ND	1.0	ug/L	0.17
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	100	(77 - 119)
1,2-Dichloroethane-d4	104	(70 - 127)
4-Bromofluorobenzene	100	(78 - 118)
Toluene-d8	101	(83 - 125)

NOTE(S):

J Estimated result. Result is less than RL.

ND: The analyte was analyzed for, but not detected.

B, Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: TRIP BLANK-COOLER5

GC/MS Volatiles

Lot-Sample #...: D7G240162-015
Date Sampled...: 07/23/07
Prep Date.....: 08/03/07
Prep Batch #...: 7218063
Dilution Factor: 1

Work Order #...: J3FWG1AA
Date Received..: 07/24/07
Analysis Date..: 08/03/07
Analysis Time..: 15:32

Matrix.....: WQ

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.9
Benzene	ND	1.0	ug/L	0.16
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	1.0	ug/L	0.19
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	ND	6.0	ug/L	1.8
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	2.0	ug/L	0.30
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	1.0	ug/L	0.14
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	ND	5.0	ug/L	1.4
Methylene chloride	**0.52 J,B**	**5.0**	**ug/L**	**0.32**
4-Methyl-2-pentanone	ND	5.0	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,2,4-Trichlorobenzene	ND	1.0	ug/L	0.32

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Bhate Environmental Associates

Client Sample ID: TRIP BLANK-COOLER5

GC/MS Volatiles

Lot-Sample #...: D7G240162-015 **Work Order #...:** J3FWG1AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	ND	1.0	ug/L	0.17
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	104	(77 - 119)
1,2-Dichloroethane-d4	101	(70 - 127)
4-Bromofluorobenzene	100	(78 - 118)
Toluene-d8	104	(83 - 125)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: TRIP BLANK-COOLER6

GC/MS Volatiles

Lot-Sample #...: D7G240162-016 **Work Order #...:** J3FWK1AA **Matrix.....:** WQ
Date Sampled...: 07/23/07 **Date Received..:** 07/24/07
Prep Date.....: 08/03/07 **Analysis Date..:** 08/03/07
Prep Batch #...: 7218063 **Analysis Time..:** 15:50
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.9
Benzene	ND	1.0	ug/L	0.16
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	1.0	ug/L	0.19
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	ND	6.0	ug/L	1.8
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	2.0	ug/L	0.30
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	1.0	ug/L	0.14
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	ND	5.0	ug/L	1.4
Methylene chloride	**0.41 J,B**	**5.0**	**ug/L**	**0.32**
4-Methyl-2-pentanone	ND	5.0	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,2,4-Trichlorobenzene	ND	1.0	ug/L	0.32

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Bhate Environmental Associates

Client Sample ID: TRIP BLANK-COOLER6

GC/MS Volatiles

Lot-Sample #...: D7G240162-016 **Work Order #...:** J3FWK1AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	ND	1.0	ug/L	0.17
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	104	(77 - 119)
1,2-Dichloroethane-d4	105	(70 - 127)
4-Bromofluorobenzene	102	(78 - 118)
Toluene-d8	104	(83 - 125)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: TRIP BLANK-COOLER7

GC/MS Volatiles

Lot-Sample #...: D7G240162-017
Date Sampled...: 07/23/07
Prep Date.....: 08/03/07
Prep Batch #...: 7218063
Dilution Factor: 1

Work Order #...: J3FWL1AA
Date Received..: 07/24/07
Analysis Date..: 08/03/07
Analysis Time..: 16:09

Matrix.....: WQ

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.9
Benzene	ND	1.0	ug/L	0.16
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	1.0	ug/L	0.19
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	ND	6.0	ug/L	1.8
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	2.0	ug/L	0.30
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	1.0	ug/L	0.14
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	ND	5.0	ug/L	1.4
Methylene chloride	**0.57 J,B**	**5.0**	**ug/L**	**0.32**
4-Methyl-2-pentanone	ND	5.0	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,2,4-Trichlorobenzene	ND	1.0	ug/L	0.32

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Bhate Environmental Associates

Client Sample ID: TRIP BLANK-COOLER7

GC/MS Volatiles

Lot-Sample #...: D7G240162-017 **Work Order #...:** J3FWL1AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	ND	1.0	ug/L	0.17
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	103	(77 - 119)
1,2-Dichloroethane-d4	102	(70 - 127)
4-Bromofluorobenzene	100	(78 - 118)
Toluene-d8	95	(83 - 125)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: TRIP BLANK-COOLER8

GC/MS Volatiles

Lot-Sample #...: D7G240162-018 **Work Order #...:** J3FWN1AA **Matrix.....:** WQ
Date Sampled...: 07/23/07 **Date Received..:** 07/24/07
Prep Date.....: 08/03/07 **Analysis Date..:** 08/03/07
Prep Batch #...: 7218063 **Analysis Time..:** 16:27
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.9
Benzene	ND	1.0	ug/L	0.16
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	1.0	ug/L	0.19
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	ND	6.0	ug/L	1.8
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	2.0	ug/L	0.30
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	1.0	ug/L	0.14
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	ND	5.0	ug/L	1.4
Methylene chloride	**0.47 J,B**	**5.0**	**ug/L**	**0.32**
4-Methyl-2-pentanone	ND	5.0	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,2,4-Trichlorobenzene	ND	1.0	ug/L	0.32

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Bhate Environmental Associates

Client Sample ID: TRIP BLANK-COOLER8

GC/MS Volatiles

Lot-Sample #...: D7G240162-018 **Work Order #...:** J3FWN1AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	ND	1.0	ug/L	0.17
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	102	(77 - 119)
1,2-Dichloroethane-d4	101	(70 - 127)
4-Bromofluorobenzene	105	(78 - 118)
Toluene-d8	103	(83 - 125)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: 0T32-SB03-15

GC/MS Volatiles

Lot-Sample #...: D7G240162-019 **Work Order #...:** J3FWR1A8 **Matrix.....:** SO
Date Sampled...: 07/23/07 08:30 **Date Received..:** 07/24/07
Prep Date.....: 07/24/07 **Analysis Date..:** 08/03/07
Prep Batch #...: 7217012 **Analysis Time..:** 10:28
Dilution Factor: 1.14

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	28	ug/kg	7.5
Benzene	ND	7.0	ug/kg	0.65
Bromodichloromethane	ND	7.0	ug/kg	0.31
Bromoform	ND	7.0	ug/kg	0.32
Bromomethane	ND	14	ug/kg	0.70
2-Butanone (MEK)	**13 J,B**	**28**	**ug/kg**	**2.5**
Carbon tetrachloride	ND	7.0	ug/kg	0.88
Chlorobenzene	ND	7.0	ug/kg	0.75
Chloroethane	ND	14	ug/kg	1.2
Chloroform	ND	14	ug/kg	0.40
Chloromethane	ND	14	ug/kg	1.1
Dibromomethane	ND	7.0	ug/kg	1.2
1,2-Dibromoethane (EDB)	ND	7.0	ug/kg	0.72
1,2-Dichlorobenzene	ND	7.0	ug/kg	0.63
1,3-Dichlorobenzene	ND	7.0	ug/kg	0.67
1,4-Dichlorobenzene	ND	7.0	ug/kg	1.1
Dichlorodifluoromethane	ND	14	ug/kg	0.72
1,1-Dichloroethane	ND	7.0	ug/kg	0.29
1,2-Dichloroethane	ND	7.0	ug/kg	0.97
1,1-Dichloroethene	ND	7.0	ug/kg	0.82
1,2-Dichloroethene (total)	ND	7.0	ug/kg	0.54
cis-1,2-Dichloroethene	ND	3.5	ug/kg	0.78
trans-1,2-Dichloroethene	ND	3.5	ug/kg	0.54
1,2-Dichloropropane	ND	7.0	ug/kg	0.76
cis-1,3-Dichloropropene	ND	7.0	ug/kg	1.8
trans-1,3-Dichloropropene	ND	7.0	ug/kg	0.93
Ethylbenzene	ND	7.0	ug/kg	0.93
2-Hexanone	ND	28	ug/kg	6.8
Methylene chloride	ND	7.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	28	ug/kg	6.1
Styrene	ND	7.0	ug/kg	0.88
1,1,1,2-Tetrachloroethane	ND	7.0	ug/kg	0.78
1,1,2,2-Tetrachloroethane	ND	7.0	ug/kg	0.85
Tetrachloroethene	ND	7.0	ug/kg	0.82
Toluene	ND	7.0	ug/kg	0.96
1,2,4-Trichloro-benzene	ND	7.0	ug/kg	1.0

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Bhate Environmental Associates

Client Sample ID: 0T32-SB03-15

GC/MS Volatiles

Lot-Sample #...: D7G240162-019 **Work Order #...:** J3FWR1A8 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	7.0	ug/kg	0.72
1,1,2-Trichloroethane	ND	7.0	ug/kg	1.2
Trichloroethene	ND	7.0	ug/kg	0.32
Trichlorofluoromethane	ND	14	ug/kg	1.4
1,2,3-Trichloropropane	ND	7.0	ug/kg	1.1
Vinyl chloride	ND	7.0	ug/kg	1.9
Xylenes (total)	ND	7.0	ug/kg	0.85
n-Butylbenzene	ND	7.0	ug/kg	0.78
sec-Butylbenzene	ND	7.0	ug/kg	1.1
Isopropylbenzene	ND	7.0	ug/kg	0.82
1,2,4-Trimethylbenzene	ND	7.0	ug/kg	0.81
1,3,5-Trimethylbenzene	ND	7.0	ug/kg	0.79
n-Propylbenzene	ND	7.0	ug/kg	0.81
tert-Butylbenzene	ND	7.0	ug/kg	0.70
Dibromochloromethane	ND	7.0	ug/kg	0.79
2-Chlorotoluene	ND	7.0	ug/kg	0.71
4-Chlorotoluene	ND	7.0	ug/kg	1.1
1,2-Dibromo-3-chloropropane (DBCP)	ND	14	ug/kg	0.83
1,3-Dichloropropane	ND	7.0	ug/kg	0.71
2,2-Dichloropropane	ND	7.0	ug/kg	0.61
1,1-Dichloropropene	ND	7.0	ug/kg	0.75
Hexachlorobutadiene	ND	7.0	ug/kg	0.76
4-Isopropyltoluene	ND	7.0	ug/kg	0.68
Methyl tert-butyl ether	ND	28	ug/kg	0.47
1,2,3-Trichlorobenzene	ND	7.0	ug/kg	1.0
m-Xylene & p-Xylene	ND	3.5	ug/kg	1.4
o-Xylene	ND	3.5	ug/kg	0.85
Bromobenzene	ND	7.0	ug/kg	0.68
Bromochloromethane	ND	7.0	ug/kg	0.42
Naphthalene	ND	7.0	ug/kg	0.88

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	94	(75 - 121)
1,2-Dichloroethane-d4	96	(58 - 140)
4-Bromofluorobenzene	112	(76 - 127)
Toluene-d8	114	(80 - 126)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: 0T32-SB03-25

GC/MS Volatiles

Lot-Sample #...: D7G240162-020 **Work Order #...:** J3FW51AK **Matrix.....:** SO
Date Sampled...: 07/23/07 09:00 **Date Received..:** 07/24/07
Prep Date.....: 07/24/07 **Analysis Date..:** 08/02/07
Prep Batch #...: 7215224 **Analysis Time..:** 12:39
Dilution Factor: 0.97

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	24	ug/kg	6.5
Benzene	ND	6.1	ug/kg	0.57
Bromodichloromethane	ND	6.1	ug/kg	0.27
Bromoform	ND	6.1	ug/kg	0.28
Bromomethane	ND	12	ug/kg	0.61
2-Butanone (MEK)	**11 J,B**	**24**	**ug/kg**	**2.2**
Carbon tetrachloride	ND	6.1	ug/kg	0.77
Chlorobenzene	ND	6.1	ug/kg	0.66
Chloroethane	ND	12	ug/kg	1.1
Chloroform	ND	12	ug/kg	0.35
Chloromethane	ND	12	ug/kg	0.94
Dibromomethane	ND	6.1	ug/kg	1.0
1,2-Dibromoethane (EDB)	ND	6.1	ug/kg	0.63
1,2-Dichlorobenzene	ND	6.1	ug/kg	0.55
1,3-Dichlorobenzene	ND	6.1	ug/kg	0.58
1,4-Dichlorobenzene	ND	6.1	ug/kg	0.95
Dichlorodifluoromethane	ND	12	ug/kg	0.63
1,1-Dichloroethane	ND	6.1	ug/kg	0.26
1,2-Dichloroethane	ND	6.1	ug/kg	0.85
1,1-Dichloroethene	ND	6.1	ug/kg	0.72
1,2-Dichloroethene (total)	ND	6.1	ug/kg	0.47
cis-1,2-Dichloroethene	ND	3.0	ug/kg	0.68
trans-1,2-Dichloroethene	ND	3.0	ug/kg	0.47
1,2-Dichloropropane	ND	6.1	ug/kg	0.67
cis-1,3-Dichloropropene	ND	6.1	ug/kg	1.6
trans-1,3-Dichloropropene	ND	6.1	ug/kg	0.81
Ethylbenzene	ND	6.1	ug/kg	0.81
2-Hexanone	ND	24	ug/kg	5.9
Methylene chloride	ND	6.1	ug/kg	0.91
4-Methyl-2-pentanone	ND	24	ug/kg	5.3
Styrene	ND	6.1	ug/kg	0.77
1,1,1,2-Tetrachloroethane	ND	6.1	ug/kg	0.68
1,1,2,2-Tetrachloroethane	ND	6.1	ug/kg	0.74
Tetrachloroethene	ND	6.1	ug/kg	0.72
Toluene	ND	6.1	ug/kg	0.84
1,2,4-Trichloro-benzene	ND	6.1	ug/kg	0.89

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Bhate Environmental Associates

Client Sample ID: 0T32-SB03-25

GC/MS Volatiles

Lot-Sample #...: D7G240162-020 **Work Order #...:** J3FW51AK **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	6.1	ug/kg	0.63
1,1,2-Trichloroethane	ND	6.1	ug/kg	1.1
Trichloroethene	ND	6.1	ug/kg	0.28
Trichlorofluoromethane	ND	12	ug/kg	1.3
1,2,3-Trichloropropane	ND	6.1	ug/kg	0.98
Vinyl chloride	ND	6.1	ug/kg	1.6
Xylenes (total)	ND	6.1	ug/kg	0.74
n-Butylbenzene	ND	6.1	ug/kg	0.68
sec-Butylbenzene	ND	6.1	ug/kg	0.94
Isopropylbenzene	ND	6.1	ug/kg	0.72
1,2,4-Trimethylbenzene	ND	6.1	ug/kg	0.71
1,3,5-Trimethylbenzene	ND	6.1	ug/kg	0.69
n-Propylbenzene	ND	6.1	ug/kg	0.71
tert-Butylbenzene	ND	6.1	ug/kg	0.61
Dibromochloromethane	ND	6.1	ug/kg	0.69
2-Chlorotoluene	ND	6.1	ug/kg	0.62
4-Chlorotoluene	ND	6.1	ug/kg	0.95
1,2-Dibromo-3-chloropropane (DBCP)	ND	12	ug/kg	0.73
1,3-Dichloropropane	ND	6.1	ug/kg	0.62
2,2-Dichloropropane	ND	6.1	ug/kg	0.53
1,1-Dichloropropene	ND	6.1	ug/kg	0.66
Hexachlorobutadiene	ND	6.1	ug/kg	0.67
4-Isopropyltoluene	ND	6.1	ug/kg	0.60
Methyl tert-butyl ether	ND	24	ug/kg	0.41
1,2,3-Trichlorobenzene	ND	6.1	ug/kg	0.91
m-Xylene & p-Xylene	ND	3.0	ug/kg	1.3
o-Xylene	ND	3.0	ug/kg	0.74
Bromobenzene	ND	6.1	ug/kg	0.60
Bromochloromethane	ND	6.1	ug/kg	0.36
Naphthalene	ND	6.1	ug/kg	0.77

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	101	(75 - 121)
1,2-Dichloroethane-d4	83	(58 - 140)
4-Bromofluorobenzene	95	(76 - 127)
Toluene-d8	97	(80 - 126)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: 0T32-SB03-25A

GC/MS Volatiles

Lot-Sample #...: D7G240162-021 **Work Order #...:** J3FW71AK **Matrix.....:** SO
Date Sampled...: 07/23/07 09:00 **Date Received..:** 07/24/07
Prep Date.....: 07/24/07 **Analysis Date..:** 08/02/07
Prep Batch #...: 7215224 **Analysis Time..:** 13:03
Dilution Factor: 1.03

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	26	ug/kg	7.0
Benzene	ND	6.5	ug/kg	0.61
Bromodichloromethane	ND	6.5	ug/kg	0.29
Bromoform	ND	6.5	ug/kg	0.30
Bromomethane	ND	13	ug/kg	0.65
2-Butanone (MEK)	**12 J,B**	**26**	**ug/kg**	**2.4**
Carbon tetrachloride	ND	6.5	ug/kg	0.82
Chlorobenzene	ND	6.5	ug/kg	0.70
Chloroethane	ND	13	ug/kg	1.2
Chloroform	ND	13	ug/kg	0.38
Chloromethane	ND	13	ug/kg	1.0
Dibromomethane	ND	6.5	ug/kg	1.1
1,2-Dibromoethane (EDB)	ND	6.5	ug/kg	0.68
1,2-Dichlorobenzene	ND	6.5	ug/kg	0.58
1,3-Dichlorobenzene	ND	6.5	ug/kg	0.62
1,4-Dichlorobenzene	ND	6.5	ug/kg	1.0
Dichlorodifluoromethane	ND	13	ug/kg	0.68
1,1-Dichloroethane	ND	6.5	ug/kg	0.27
1,2-Dichloroethane	ND	6.5	ug/kg	0.91
1,1-Dichloroethene	ND	6.5	ug/kg	0.77
1,2-Dichloroethene (total)	ND	6.5	ug/kg	0.51
cis-1,2-Dichloroethene	ND	3.2	ug/kg	0.73
trans-1,2-Dichloroethene	ND	3.2	ug/kg	0.51
1,2-Dichloropropane	ND	6.5	ug/kg	0.71
cis-1,3-Dichloropropene	ND	6.5	ug/kg	1.7
trans-1,3-Dichloropropene	ND	6.5	ug/kg	0.87
Ethylbenzene	ND	6.5	ug/kg	0.87
2-Hexanone	ND	26	ug/kg	6.4
Methylene chloride	ND	6.5	ug/kg	0.97
4-Methyl-2-pentanone	ND	26	ug/kg	5.7
Styrene	ND	6.5	ug/kg	0.82
1,1,1,2-Tetrachloroethane	ND	6.5	ug/kg	0.73
1,1,2,2-Tetrachloroethane	ND	6.5	ug/kg	0.79
Tetrachloroethene	ND	6.5	ug/kg	0.77
Toluene	ND	6.5	ug/kg	0.90
1,2,4-Trichloro-benzene	ND	6.5	ug/kg	0.95

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Bhate Environmental Associates

Client Sample ID: 0T32-SB03-25A

GC/MS Volatiles

Lot-Sample #...: D7G240162-021 **Work Order #...:** J3FW71AK **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	6.5	ug/kg	0.68
1,1,2-Trichloroethane	ND	6.5	ug/kg	1.1
Trichloroethene	ND	6.5	ug/kg	0.30
Trichlorofluoromethane	ND	13	ug/kg	1.4
1,2,3-Trichloropropane	ND	6.5	ug/kg	1.1
Vinyl chloride	ND	6.5	ug/kg	1.7
Xylenes (total)	ND	6.5	ug/kg	0.79
n-Butylbenzene	ND	6.5	ug/kg	0.73
sec-Butylbenzene	ND	6.5	ug/kg	1.0
Isopropylbenzene	ND	6.5	ug/kg	0.77
1,2,4-Trimethylbenzene	ND	6.5	ug/kg	0.75
1,3,5-Trimethylbenzene	ND	6.5	ug/kg	0.74
n-Propylbenzene	ND	6.5	ug/kg	0.75
tert-Butylbenzene	ND	6.5	ug/kg	0.65
Dibromochloromethane	ND	6.5	ug/kg	0.74
2-Chlorotoluene	ND	6.5	ug/kg	0.66
4-Chlorotoluene	ND	6.5	ug/kg	1.0
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/kg	0.78
1,3-Dichloropropane	ND	6.5	ug/kg	0.66
2,2-Dichloropropane	ND	6.5	ug/kg	0.57
1,1-Dichloropropene	ND	6.5	ug/kg	0.70
Hexachlorobutadiene	ND	6.5	ug/kg	0.71
4-Isopropyltoluene	ND	6.5	ug/kg	0.64
Methyl tert-butyl ether	ND	26	ug/kg	0.44
1,2,3-Trichlorobenzene	ND	6.5	ug/kg	0.97
m-Xylene & p-Xylene	ND	3.2	ug/kg	1.4
o-Xylene	ND	3.2	ug/kg	0.79
Bromobenzene	ND	6.5	ug/kg	0.64
Bromochloromethane	ND	6.5	ug/kg	0.39
Naphthalene	ND	6.5	ug/kg	0.82

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	115	(75 - 121)
1,2-Dichloroethane-d4	94	(58 - 140)
4-Bromofluorobenzene	108	(76 - 127)
Toluene-d8	111	(80 - 126)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: 0T32-SB03-15-D

GC/MS Volatiles

Lot-Sample #...: D7G240162-022 **Work Order #...:** J3FW91AG **Matrix.....:** WG
Date Sampled...: 07/23/07 08:00 **Date Received..:** 07/24/07
Prep Date.....: 08/03/07 **Analysis Date..:** 08/03/07
Prep Batch #...: 7218063 **Analysis Time..:** 16:46
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.9
Benzene	ND	1.0	ug/L	0.16
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	1.0	ug/L	0.19
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	ND	6.0	ug/L	1.8
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	2.0	ug/L	0.30
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	1.0	ug/L	0.14
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	ND	5.0	ug/L	1.4
Methylene chloride	**0.45 J,B**	**5.0**	**ug/L**	**0.32**
4-Methyl-2-pentanone	ND	5.0	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.32

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Bhate Environmental Associates

Client Sample ID: 0T32-SB03-15-D

GC/MS Volatiles

Lot-Sample #...: D7G240162-022 **Work Order #...:** J3FW91AG **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	ND	1.0	ug/L	0.17
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	100	(77 - 119)
1,2-Dichloroethane-d4	103	(70 - 127)
4-Bromofluorobenzene	105	(78 - 118)
Toluene-d8	108	(83 - 125)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: 0T32-SB02-10

GC/MS Volatiles

Lot-Sample #...: D7G240162-023 **Work Order #...:** J3FXM1AK **Matrix.....:** SO
Date Sampled...: 07/23/07 10:45 **Date Received..:** 07/24/07
Prep Date.....: 07/24/07 **Analysis Date..:** 08/02/07
Prep Batch #...: 7215224 **Analysis Time..:** 13:26
Dilution Factor: 1.1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	6.9
Benzene	ND	6.4	ug/kg	0.60
Bromodichloromethane	ND	6.4	ug/kg	0.28
Bromoform	ND	6.4	ug/kg	0.29
Bromomethane	ND	13	ug/kg	0.64
2-Butanone (MEK)	**12 J,B**	**25**	**ug/kg**	**2.3**
Carbon tetrachloride	ND	6.4	ug/kg	0.80
Chlorobenzene	ND	6.4	ug/kg	0.69
Chloroethane	ND	13	ug/kg	1.1
Chloroform	ND	13	ug/kg	0.37
Chloromethane	ND	13	ug/kg	0.98
Dibromomethane	ND	6.4	ug/kg	1.1
1,2-Dibromoethane (EDB)	ND	6.4	ug/kg	0.66
1,2-Dichlorobenzene	ND	6.4	ug/kg	0.57
1,3-Dichlorobenzene	ND	6.4	ug/kg	0.61
1,4-Dichlorobenzene	ND	6.4	ug/kg	0.99
Dichlorodifluoromethane	ND	13	ug/kg	0.66
1,1-Dichloroethane	ND	6.4	ug/kg	0.27
1,2-Dichloroethane	ND	6.4	ug/kg	0.89
1,1-Dichloroethene	ND	6.4	ug/kg	0.75
1,2-Dichloroethene (total)	ND	6.4	ug/kg	0.50
cis-1,2-Dichloroethene	ND	3.2	ug/kg	0.71
trans-1,2-Dichloroethene	ND	3.2	ug/kg	0.50
1,2-Dichloropropane	ND	6.4	ug/kg	0.70
cis-1,3-Dichloropropene	ND	6.4	ug/kg	1.6
trans-1,3-Dichloropropene	ND	6.4	ug/kg	0.85
Ethylbenzene	ND	6.4	ug/kg	0.85
2-Hexanone	ND	25	ug/kg	6.2
Methylene chloride	ND	6.4	ug/kg	0.96
4-Methyl-2-pentanone	ND	25	ug/kg	5.6
Styrene	ND	6.4	ug/kg	0.80
1,1,1,2-Tetrachloroethane	ND	6.4	ug/kg	0.71
1,1,2,2-Tetrachloroethane	ND	6.4	ug/kg	0.78
Tetrachloroethene	ND	6.4	ug/kg	0.75
Toluene	ND	6.4	ug/kg	0.88
1,2,4-Trichloro-benzene	ND	6.4	ug/kg	0.93

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Bhate Environmental Associates

Client Sample ID: 0T32-SB02-10

GC/MS Volatiles

Lot-Sample #...: D7G240162-023 **Work Order #...:** J3FXM1AK **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	6.4	ug/kg	0.66
1,1,2-Trichloroethane	ND	6.4	ug/kg	1.1
Trichloroethene	ND	6.4	ug/kg	0.29
Trichlorofluoromethane	ND	13	ug/kg	1.3
1,2,3-Trichloropropane	ND	6.4	ug/kg	1.0
Vinyl chloride	ND	6.4	ug/kg	1.7
Xylenes (total)	ND	6.4	ug/kg	0.78
n-Butylbenzene	ND	6.4	ug/kg	0.71
sec-Butylbenzene	ND	6.4	ug/kg	0.98
Isopropylbenzene	ND	6.4	ug/kg	0.75
1,2,4-Trimethylbenzene	ND	6.4	ug/kg	0.74
1,3,5-Trimethylbenzene	ND	6.4	ug/kg	0.73
n-Propylbenzene	ND	6.4	ug/kg	0.74
tert-Butylbenzene	ND	6.4	ug/kg	0.64
Dibromochloromethane	ND	6.4	ug/kg	0.73
2-Chlorotoluene	ND	6.4	ug/kg	0.65
4-Chlorotoluene	ND	6.4	ug/kg	0.99
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/kg	0.76
1,3-Dichloropropane	ND	6.4	ug/kg	0.65
2,2-Dichloropropane	ND	6.4	ug/kg	0.56
1,1-Dichloropropene	ND	6.4	ug/kg	0.69
Hexachlorobutadiene	ND	6.4	ug/kg	0.70
4-Isopropyltoluene	ND	6.4	ug/kg	0.62
Methyl tert-butyl ether	ND	25	ug/kg	0.43
1,2,3-Trichlorobenzene	ND	6.4	ug/kg	0.96
m-Xylene & p-Xylene	ND	3.2	ug/kg	1.3
o-Xylene	ND	3.2	ug/kg	0.78
Bromobenzene	ND	6.4	ug/kg	0.62
Bromochloromethane	ND	6.4	ug/kg	0.38
Naphthalene	ND	6.4	ug/kg	0.80

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	114	(75 - 121)
1,2-Dichloroethane-d4	94	(58 - 140)
4-Bromofluorobenzene	107	(76 - 127)
Toluene-d8	110	(80 - 126)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: 0T32-SB02-25

GC/MS Volatiles

Lot-Sample #...: D7G240162-024 **Work Order #...:** J3FXQ1AK **Matrix.....:** SO
Date Sampled...: 07/23/07 11:00 **Date Received..:** 07/24/07
Prep Date.....: 07/24/07 **Analysis Date..:** 08/02/07
Prep Batch #...: 7215224 **Analysis Time..:** 13:50
Dilution Factor: 0.88

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	23	ug/kg	6.1
Benzene	ND	5.6	ug/kg	0.53
Bromodichloromethane	ND	5.6	ug/kg	0.25
Bromoform	ND	5.6	ug/kg	0.26
Bromomethane	ND	11	ug/kg	0.56
2-Butanone (MEK)	**11 J,B**	**23**	**ug/kg**	**2.1**
Carbon tetrachloride	ND	5.6	ug/kg	0.71
Chlorobenzene	ND	5.6	ug/kg	0.61
Chloroethane	ND	11	ug/kg	1.0
Chloroform	ND	11	ug/kg	0.33
Chloromethane	ND	11	ug/kg	0.87
Dibromomethane	ND	5.6	ug/kg	0.95
1,2-Dibromoethane (EDB)	ND	5.6	ug/kg	0.59
1,2-Dichlorobenzene	ND	5.6	ug/kg	0.51
1,3-Dichlorobenzene	ND	5.6	ug/kg	0.54
1,4-Dichlorobenzene	ND	5.6	ug/kg	0.88
Dichlorodifluoromethane	ND	11	ug/kg	0.59
1,1-Dichloroethane	ND	5.6	ug/kg	0.24
1,2-Dichloroethane	ND	5.6	ug/kg	0.79
1,1-Dichloroethene	ND	5.6	ug/kg	0.67
1,2-Dichloroethene (total)	ND	5.6	ug/kg	0.44
cis-1,2-Dichloroethene	ND	2.8	ug/kg	0.63
trans-1,2-Dichloroethene	ND	2.8	ug/kg	0.44
1,2-Dichloropropane	ND	5.6	ug/kg	0.62
cis-1,3-Dichloropropene	ND	5.6	ug/kg	1.5
trans-1,3-Dichloropropene	ND	5.6	ug/kg	0.76
Ethylbenzene	ND	5.6	ug/kg	0.76
2-Hexanone	ND	23	ug/kg	5.5
Methylene chloride	ND	5.6	ug/kg	0.85
4-Methyl-2-pentanone	ND	23	ug/kg	4.9
Styrene	ND	5.6	ug/kg	0.71
1,1,1,2-Tetrachloroethane	ND	5.6	ug/kg	0.63
1,1,2,2-Tetrachloroethane	ND	5.6	ug/kg	0.69
Tetrachloroethene	ND	5.6	ug/kg	0.67
Toluene	ND	5.6	ug/kg	0.78
1,2,4-Trichlorobenzene	ND	5.6	ug/kg	0.82

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Bhate Environmental Associates

Client Sample ID: 0T32-SB02-25

GC/MS Volatiles

Lot-Sample #...: D7G240162-024 **Work Order #...:** J3FXQ1AK **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	5.6	ug/kg	0.59
1,1,2-Trichloroethane	ND	5.6	ug/kg	0.99
Trichloroethene	ND	5.6	ug/kg	0.26
Trichlorofluoromethane	ND	11	ug/kg	1.2
1,2,3-Trichloropropane	ND	5.6	ug/kg	0.91
Vinyl chloride	ND	5.6	ug/kg	1.5
Xylenes (total)	ND	5.6	ug/kg	0.69
n-Butylbenzene	ND	5.6	ug/kg	0.63
sec-Butylbenzene	ND	5.6	ug/kg	0.87
Isopropylbenzene	ND	5.6	ug/kg	0.67
1,2,4-Trimethylbenzene	ND	5.6	ug/kg	0.65
1,3,5-Trimethylbenzene	ND	5.6	ug/kg	0.64
n-Propylbenzene	ND	5.6	ug/kg	0.65
tert-Butylbenzene	ND	5.6	ug/kg	0.56
Dibromochloromethane	ND	5.6	ug/kg	0.64
2-Chlorotoluene	ND	5.6	ug/kg	0.58
4-Chlorotoluene	ND	5.6	ug/kg	0.88
1,2-Dibromo-3-chloropropane (DBCP)	ND	11	ug/kg	0.68
1,3-Dichloropropane	ND	5.6	ug/kg	0.58
2,2-Dichloropropane	ND	5.6	ug/kg	0.50
1,1-Dichloropropene	ND	5.6	ug/kg	0.61
Hexachlorobutadiene	ND	5.6	ug/kg	0.62
4-Isopropyltoluene	ND	5.6	ug/kg	0.55
Methyl tert-butyl ether	ND	23	ug/kg	0.38
1,2,3-Trichlorobenzene	ND	5.6	ug/kg	0.85
m-Xylene & p-Xylene	ND	2.8	ug/kg	1.2
o-Xylene	ND	2.8	ug/kg	0.69
Bromobenzene	ND	5.6	ug/kg	0.55
Bromochloromethane	ND	5.6	ug/kg	0.34
Naphthalene	ND	5.6	ug/kg	0.71

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	103	(75 - 121)
1,2-Dichloroethane-d4	84	(58 - 140)
4-Bromofluorobenzene	97	(76 - 127)
Toluene-d8	99	(80 - 126)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: 0T32-SB01-15-D

GC/MS Volatiles

Lot-Sample #...: D7G240162-025 **Work Order #...:** J3F0F1AG **Matrix.....:** WG
Date Sampled...: 07/23/07 12:10 **Date Received..:** 07/24/07
Prep Date.....: 08/03/07 **Analysis Date..:** 08/03/07
Prep Batch #...: 7218063 **Analysis Time..:** 17:04
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.9
Benzene	ND	1.0	ug/L	0.16
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	1.0	ug/L	0.19
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	ND	6.0	ug/L	1.8
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	2.0	ug/L	0.30
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	1.0	ug/L	0.14
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	ND	5.0	ug/L	1.4
Methylene chloride	**0.39 J,B**	**5.0**	**ug/L**	**0.32**
4-Methyl-2-pentanone	ND	5.0	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.32

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Bhate Environmental Associates

Client Sample ID: 0T32-SB01-15-D

GC/MS Volatiles

Lot-Sample #...: D7G240162-025 **Work Order #...:** J3F0F1AG **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	ND	1.0	ug/L	0.17
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	102	(77 - 119)
1,2-Dichloroethane-d4	104	(70 - 127)
4-Bromofluorobenzene	94	(78 - 118)
Toluene-d8	97	(83 - 125)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: 0T32-SB01-15

GC/MS Volatiles

Lot-Sample #...: D7G240162-026 **Work Order #...:** J3F0L1AK **Matrix.....:** SO
Date Sampled...: 07/23/07 12:00 **Date Received..:** 07/24/07
Prep Date.....: 07/24/07 **Analysis Date..:** 08/02/07
Prep Batch #...: 7215224 **Analysis Time..:** 15:07
Dilution Factor: 1.11

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	26	ug/kg	7.0
Benzene	ND	6.5	ug/kg	0.61
Bromodichloromethane	ND	6.5	ug/kg	0.29
Bromoform	ND	6.5	ug/kg	0.30
Bromomethane	ND	13	ug/kg	0.65
2-Butanone (MEK)	**13 J,B**	**26**	**ug/kg**	**2.4**
Carbon tetrachloride	ND	6.5	ug/kg	0.82
Chlorobenzene	ND	6.5	ug/kg	0.70
Chloroethane	ND	13	ug/kg	1.2
Chloroform	ND	13	ug/kg	0.38
Chloromethane	ND	13	ug/kg	1.0
Dibromomethane	ND	6.5	ug/kg	1.1
1,2-Dibromoethane (EDB)	ND	6.5	ug/kg	0.68
1,2-Dichlorobenzene	ND	6.5	ug/kg	0.59
1,3-Dichlorobenzene	ND	6.5	ug/kg	0.63
1,4-Dichlorobenzene	ND	6.5	ug/kg	1.0
Dichlorodifluoromethane	ND	13	ug/kg	0.68
1,1-Dichloroethane	ND	6.5	ug/kg	0.27
1,2-Dichloroethane	ND	6.5	ug/kg	0.91
1,1-Dichloroethene	ND	6.5	ug/kg	0.77
1,2-Dichloroethene (total)	ND	6.5	ug/kg	0.51
cis-1,2-Dichloroethene	ND	3.3	ug/kg	0.73
trans-1,2-Dichloroethene	ND	3.3	ug/kg	0.51
1,2-Dichloropropane	ND	6.5	ug/kg	0.72
cis-1,3-Dichloropropene	ND	6.5	ug/kg	1.7
trans-1,3-Dichloropropene	ND	6.5	ug/kg	0.87
Ethylbenzene	ND	6.5	ug/kg	0.87
2-Hexanone	ND	26	ug/kg	6.4
Methylene chloride	ND	6.5	ug/kg	0.98
4-Methyl-2-pentanone	ND	26	ug/kg	5.7
Styrene	ND	6.5	ug/kg	0.82
1,1,1,2-Tetrachloroethane	ND	6.5	ug/kg	0.73
1,1,2,2-Tetrachloroethane	ND	6.5	ug/kg	0.80
Tetrachloroethene	ND	6.5	ug/kg	0.77
Toluene	ND	6.5	ug/kg	0.90
1,2,4-Trichloro-benzene	ND	6.5	ug/kg	0.95

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Bhate Environmental Associates

Client Sample ID: 0T32-SB01-15

GC/MS Volatiles

Lot-Sample #...: D7G240162-026 **Work Order #...:** J3F0L1AK **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	6.5	ug/kg	0.68
1,1,2-Trichloroethane	ND	6.5	ug/kg	1.1
Trichloroethene	ND	6.5	ug/kg	0.30
Trichlorofluoromethane	ND	13	ug/kg	1.4
1,2,3-Trichloropropane	ND	6.5	ug/kg	1.1
Vinyl chloride	ND	6.5	ug/kg	1.7
Xylenes (total)	ND	6.5	ug/kg	0.80
n-Butylbenzene	ND	6.5	ug/kg	0.73
sec-Butylbenzene	ND	6.5	ug/kg	1.0
Isopropylbenzene	ND	6.5	ug/kg	0.77
1,2,4-Trimethylbenzene	ND	6.5	ug/kg	0.76
1,3,5-Trimethylbenzene	ND	6.5	ug/kg	0.74
n-Propylbenzene	ND	6.5	ug/kg	0.76
tert-Butylbenzene	ND	6.5	ug/kg	0.65
Dibromochloromethane	ND	6.5	ug/kg	0.74
2-Chlorotoluene	ND	6.5	ug/kg	0.67
4-Chlorotoluene	ND	6.5	ug/kg	1.0
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/kg	0.78
1,3-Dichloropropane	ND	6.5	ug/kg	0.67
2,2-Dichloropropane	ND	6.5	ug/kg	0.57
1,1-Dichloropropene	ND	6.5	ug/kg	0.70
Hexachlorobutadiene	ND	6.5	ug/kg	0.72
4-Isopropyltoluene	ND	6.5	ug/kg	0.64
Methyl tert-butyl ether	ND	26	ug/kg	0.44
1,2,3-Trichlorobenzene	**1.2 J**	**6.5**	**ug/kg**	**0.98**
m-Xylene & p-Xylene	ND	3.3	ug/kg	1.4
o-Xylene	ND	3.3	ug/kg	0.80
Bromobenzene	ND	6.5	ug/kg	0.64
Bromochloromethane	ND	6.5	ug/kg	0.39
Naphthalene	**1.3 J**	**6.5**	**ug/kg**	**0.82**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	118	(75 - 121)
1,2-Dichloroethane-d4	98	(58 - 140)
4-Bromofluorobenzene	113	(76 - 127)
Toluene-d8	114	(80 - 126)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: 0T32-SB01-25

GC/MS Volatiles

Lot-Sample #...: D7G240162-027 **Work Order #...:** J3F0M1AK **Matrix.....:** SO
Date Sampled...: 07/23/07 12:15 **Date Received..:** 07/24/07
Prep Date.....: 07/24/07 **Analysis Date..:** 08/02/07
Prep Batch #...: 7215224 **Analysis Time..:** 15:31
Dilution Factor: 0.98

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	25	ug/kg	6.6
Benzene	ND	6.1	ug/kg	0.58
Bromodichloromethane	ND	6.1	ug/kg	0.27
Bromoform	ND	6.1	ug/kg	0.28
Bromomethane	ND	12	ug/kg	0.61
2-Butanone (MEK)	**12 J,B**	**25**	**ug/kg**	**2.2**
Carbon tetrachloride	ND	6.1	ug/kg	0.77
Chlorobenzene	ND	6.1	ug/kg	0.66
Chloroethane	ND	12	ug/kg	1.1
Chloroform	ND	12	ug/kg	0.36
Chloromethane	ND	12	ug/kg	0.94
Dibromomethane	ND	6.1	ug/kg	1.0
1,2-Dibromoethane (EDB)	ND	6.1	ug/kg	0.64
1,2-Dichlorobenzene	ND	6.1	ug/kg	0.55
1,3-Dichlorobenzene	ND	6.1	ug/kg	0.59
1,4-Dichlorobenzene	ND	6.1	ug/kg	0.96
Dichlorodifluoromethane	ND	12	ug/kg	0.64
1,1-Dichloroethane	ND	6.1	ug/kg	0.26
1,2-Dichloroethane	ND	6.1	ug/kg	0.86
1,1-Dichloroethene	ND	6.1	ug/kg	0.72
1,2-Dichloroethene (total)	ND	6.1	ug/kg	0.48
cis-1,2-Dichloroethene	ND	3.1	ug/kg	0.69
trans-1,2-Dichloroethene	ND	3.1	ug/kg	0.48
1,2-Dichloropropane	ND	6.1	ug/kg	0.67
cis-1,3-Dichloropropene	ND	6.1	ug/kg	1.6
trans-1,3-Dichloropropene	ND	6.1	ug/kg	0.82
Ethylbenzene	ND	6.1	ug/kg	0.82
2-Hexanone	ND	25	ug/kg	6.0
Methylene chloride	ND	6.1	ug/kg	0.92
4-Methyl-2-pentanone	ND	25	ug/kg	5.3
Styrene	ND	6.1	ug/kg	0.77
1,1,1,2-Tetrachloroethane	ND	6.1	ug/kg	0.69
1,1,2,2-Tetrachloroethane	ND	6.1	ug/kg	0.75
Tetrachloroethene	ND	6.1	ug/kg	0.72
Toluene	ND	6.1	ug/kg	0.85
1,2,4-Trichlorobenzene	ND	6.1	ug/kg	0.90

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Bhate Environmental Associates

Client Sample ID: 0T32-SB01-25

GC/MS Volatiles

Lot-Sample #...: D7G240162-027 **Work Order #...:** J3F0M1AK **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	6.1	ug/kg	0.64
1,1,2-Trichloroethane	ND	6.1	ug/kg	1.1
Trichloroethene	ND	6.1	ug/kg	0.28
Trichlorofluoromethane	ND	12	ug/kg	1.3
1,2,3-Trichloropropane	ND	6.1	ug/kg	0.99
Vinyl chloride	ND	6.1	ug/kg	1.6
Xylenes (total)	ND	6.1	ug/kg	0.75
n-Butylbenzene	ND	6.1	ug/kg	0.69
sec-Butylbenzene	ND	6.1	ug/kg	0.94
Isopropylbenzene	ND	6.1	ug/kg	0.72
1,2,4-Trimethylbenzene	ND	6.1	ug/kg	0.71
1,3,5-Trimethylbenzene	ND	6.1	ug/kg	0.70
n-Propylbenzene	ND	6.1	ug/kg	0.71
tert-Butylbenzene	ND	6.1	ug/kg	0.61
Dibromochloromethane	ND	6.1	ug/kg	0.70
2-Chlorotoluene	ND	6.1	ug/kg	0.63
4-Chlorotoluene	ND	6.1	ug/kg	0.96
1,2-Dibromo-3-chloropropane (DBCP)	ND	12	ug/kg	0.74
1,3-Dichloropropane	ND	6.1	ug/kg	0.63
2,2-Dichloropropane	ND	6.1	ug/kg	0.54
1,1-Dichloropropene	ND	6.1	ug/kg	0.66
Hexachlorobutadiene	ND	6.1	ug/kg	0.67
4-Isopropyltoluene	ND	6.1	ug/kg	0.60
Methyl tert-butyl ether	ND	25	ug/kg	0.42
1,2,3-Trichlorobenzene	ND	6.1	ug/kg	0.92
m-Xylene & p-Xylene	ND	3.1	ug/kg	1.3
o-Xylene	ND	3.1	ug/kg	0.75
Bromobenzene	ND	6.1	ug/kg	0.60
Bromochloromethane	ND	6.1	ug/kg	0.37
Naphthalene	ND	6.1	ug/kg	0.77

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	114	(75 - 121)
1,2-Dichloroethane-d4	93	(58 - 140)
4-Bromofluorobenzene	109	(76 - 127)
Toluene-d8	112	(80 - 126)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: TRIP BLANK-COOLER9

GC/MS Volatiles

Lot-Sample #...: D7G240162-028 **Work Order #...:** J3F011AA **Matrix.....:** WQ
Date Sampled...: 07/23/07 **Date Received..:** 07/24/07
Prep Date.....: 08/03/07 **Analysis Date..:** 08/03/07
Prep Batch #...: 7218063 **Analysis Time..:** 17:23
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.9
Benzene	ND	1.0	ug/L	0.16
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	1.0	ug/L	0.19
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	ND	6.0	ug/L	1.8
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	2.0	ug/L	0.30
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	1.0	ug/L	0.14
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	ND	5.0	ug/L	1.4
Methylene chloride	**0.44 J,B**	**5.0**	**ug/L**	**0.32**
4-Methyl-2-pentanone	ND	5.0	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.32

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Bhate Environmental Associates

Client Sample ID: TRIP BLANK-COOLER9

GC/MS Volatiles

Lot-Sample #...: D7G240162-028 **Work Order #...:** J3F011AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	ND	1.0	ug/L	0.17
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	108	(77 - 119)
1,2-Dichloroethane-d4	106	(70 - 127)
4-Bromofluorobenzene	100	(78 - 118)
Toluene-d8	104	(83 - 125)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: TRIP BLANK-COOLER10

GC/MS Volatiles

Lot-Sample #...: D7G240162-029 **Work Order #...:** J3F021AA **Matrix.....:** WQ
Date Sampled...: 07/23/07 **Date Received..:** 07/24/07
Prep Date.....: 08/03/07 **Analysis Date..:** 08/03/07
Prep Batch #...: 7218063 **Analysis Time..:** 17:41
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**3.0 J**	**10**	**ug/L**	**1.9**
Benzene	ND	1.0	ug/L	0.16
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	1.0	ug/L	0.19
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	ND	6.0	ug/L	1.8
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	2.0	ug/L	0.30
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	1.0	ug/L	0.14
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	ND	5.0	ug/L	1.4
Methylene chloride	**0.61 J,B**	**5.0**	**ug/L**	**0.32**
4-Methyl-2-pentanone	ND	5.0	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,2,4-Trichlorobenzene	ND	1.0	ug/L	0.32

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Bhate Environmental Associates

Client Sample ID: TRIP BLANK-COOLER10

GC/MS Volatiles

Lot-Sample #...: D7G240162-029 **Work Order #...:** J3F021AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	ND	1.0	ug/L	0.17
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	101	(77 - 119)
1,2-Dichloroethane-d4	104	(70 - 127)
4-Bromofluorobenzene	99	(78 - 118)
Toluene-d8	106	(83 - 125)

NOTE(S):

J Estimated result. Result is less than RL.

ND: The analyte was analyzed for, but not detected.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: TRIP BLANK-COOLER11

GC/MS Volatiles

Lot-Sample #...: D7G240162-030
Date Sampled...: 07/23/07
Prep Date.....: 08/03/07
Prep Batch #...: 7218063
Dilution Factor: 1

Work Order #...: J3F031AA
Date Received..: 07/24/07
Analysis Date..: 08/03/07
Analysis Time..: 18:00

Matrix.....: WQ

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.9
Benzene	ND	1.0	ug/L	0.16
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	1.0	ug/L	0.19
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	ND	6.0	ug/L	1.8
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	2.0	ug/L	0.30
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	1.0	ug/L	0.14
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	ND	5.0	ug/L	1.4
Methylene chloride	**0.42 J,B**	**5.0**	**ug/L**	**0.32**
4-Methyl-2-pentanone	ND	5.0	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.32

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Bhate Environmental Associates

Client Sample ID: TRIP BLANK-COOLER11

GC/MS Volatiles

Lot-Sample #...: D7G240162-030 **Work Order #...:** J3F031AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	ND	1.0	ug/L	0.17
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	100	(77 - 119)
1,2-Dichloroethane-d4	100	(70 - 127)
4-Bromofluorobenzene	103	(78 - 118)
Toluene-d8	102	(83 - 125)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: TRIP BLANK-COOLER12

GC/MS Volatiles

Lot-Sample #...: D7G240162-031 **Work Order #...:** J3F061AA **Matrix.....:** WQ
Date Sampled....: 07/23/07 **Date Received..:** 07/24/07
Prep Date.....: 08/03/07 **Analysis Date..:** 08/03/07
Prep Batch #...: 7218063 **Analysis Time..:** 18:18
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.9
Benzene	ND	1.0	ug/L	0.16
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	1.0	ug/L	0.19
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	ND	6.0	ug/L	1.8
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	2.0	ug/L	0.30
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	1.0	ug/L	0.14
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	ND	5.0	ug/L	1.4
Methylene chloride	**0.41 J,B**	**5.0**	**ug/L**	**0.32**
4-Methyl-2-pentanone	ND	5.0	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,2,4-Trichlorobenzene	ND	1.0	ug/L	0.32

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Bhate Environmental Associates

Client Sample ID: TRIP BLANK-COOLER12

GC/MS Volatiles

Lot-Sample #...: D7G240162-031 **Work Order #...:** J3F061AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	ND	1.0	ug/L	0.17
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	101	(77 - 119)
1,2-Dichloroethane-d4	104	(70 - 127)
4-Bromofluorobenzene	100	(78 - 118)
Toluene-d8	104	(83 - 125)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: TRIP BLANK-COOLER13

GC/MS Volatiles

Lot-Sample #...: D7G240162-032 **Work Order #...:** J3F071AA **Matrix.....:** WQ
Date Sampled...: 07/23/07 **Date Received..:** 07/24/07
Prep Date.....: 08/03/07 **Analysis Date..:** 08/03/07
Prep Batch #...: 7218063 **Analysis Time..:** 18:37
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.9
Benzene	ND	1.0	ug/L	0.16
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	1.0	ug/L	0.19
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	ND	6.0	ug/L	1.8
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	2.0	ug/L	0.30
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	1.0	ug/L	0.14
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	ND	5.0	ug/L	1.4
Methylene chloride	**0.59 J,B**	**5.0**	**ug/L**	**0.32**
4-Methyl-2-pentanone	ND	5.0	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.32

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Bhate Environmental Associates

Client Sample ID: TRIP BLANK-COOLER13

GC/MS Volatiles

Lot-Sample #...: D7G240162-032 **Work Order #...:** J3F071AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	ND	1.0	ug/L	0.17
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	108	(77 - 119)
1,2-Dichloroethane-d4	108	(70 - 127)
4-Bromofluorobenzene	102	(78 - 118)
Toluene-d8	108	(83 - 125)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: 0T32-TMW08

GC/MS Semivolatiles

Lot-Sample #...: D7G240162-001 **Work Order #...:** J3FTR1A3 **Matrix.....:** WG
Date Sampled...: 07/20/07 15:17 **Date Received..:** 07/24/07
Prep Date.....: 07/25/07 **Analysis Date..:** 08/01/07
Prep Batch #...: 7206241 **Analysis Time..:** 16:41
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	10	ug/L	0.28
Acenaphthylene	ND	10	ug/L	0.49
Acetophenone	**1.3 J**	**10**	**ug/L**	**0.41**
Anthracene	ND	10	ug/L	0.42
Benzo(a)anthracene	ND	10	ug/L	0.35
Benzo(b)fluoranthene	ND	10	ug/L	0.39
Benzo(k)fluoranthene	ND	10	ug/L	0.46
Benzo(ghi)perylene	ND	10	ug/L	0.50
Benzo(a)pyrene	ND	10	ug/L	0.74
bis(2-Chloroethoxy) methane	ND	10	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	10	ug/L	0.41
bis(2-Ethylhexyl) phthalate	**2.1 J**	**10**	**ug/L**	**0.56**
4-Bromophenyl phenyl ether	ND	10	ug/L	0.43
Butyl benzyl phthalate	ND	20	ug/L	1.0
4-Chloroaniline	ND	20	ug/L	2.0
4-Chloro-3-methylphenol	ND	20	ug/L	2.0
2-Chloronaphthalene	ND	10	ug/L	0.31
2-Chlorophenol	ND	10	ug/L	0.38
4-Chlorophenyl phenyl ether	ND	10	ug/L	0.65
Chrysene	ND	10	ug/L	0.54
Dibenz(a,h)anthracene	ND	10	ug/L	0.51
Dibenzofuran	ND	10	ug/L	0.29
Di-n-butyl phthalate	ND	20	ug/L	1.2
3,3'-Dichlorobenzidine	ND	20	ug/L	2.0
2,4-Dichlorophenol	ND	10	ug/L	1.3
Diethyl phthalate	ND	20	ug/L	0.38
2,4-Dimethylphenol	ND	10	ug/L	0.57
Dimethyl phthalate	ND	20	ug/L	1.0
4,6-Dinitro-2-methylphenol	ND	60	ug/L	0.35
2,4-Dinitrophenol	ND	60	ug/L	20
2,4-Dinitrotoluene	ND	20	ug/L	0.25
2,6-Dinitrotoluene	ND	20	ug/L	0.23

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Bhate Environmental Associates

Client Sample ID: 0T32-TMW08

GC/MS Semivolatiles

Lot-Sample #...: D7G240162-001 **Work Order #...:** J3FTR1A3 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	20	ug/L	0.35
Fluoranthene	ND	20	ug/L	0.20
Fluorene	ND	10	ug/L	0.31
Hexachlorobenzene	ND	10	ug/L	0.66
Hexachlorocyclopenta-diene	ND	10	ug/L	1.5
Hexachloroethane	ND	10	ug/L	0.46
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	0.65
2-Methylnaphthalene	ND	10	ug/L	0.29
2-Methylphenol	ND	10	ug/L	0.98
Naphthalene	ND	10	ug/L	0.29
2-Nitroaniline	ND	50	ug/L	0.32
3-Nitroaniline	ND	50	ug/L	2.0
4-Nitroaniline	ND	50	ug/L	1.0
Nitrobenzene	ND	20	ug/L	0.81
2-Nitrophenol	ND	20	ug/L	2.0
4-Nitrophenol	ND	50	ug/L	1.7
N-Nitrosodiphenylamine	ND	10	ug/L	0.44
N-Nitrosodi-n-propyl-amine	ND	20	ug/L	0.35
Pentachlorophenol	ND	60	ug/L	20
Phenanthrene	ND	10	ug/L	0.26
Phenol	ND	10	ug/L	0.31
Pyrene	ND	10	ug/L	0.37
2,4,5-Trichloro-phenol	ND	20	ug/L	0.39
2,4,6-Trichloro-phenol	ND	20	ug/L	0.37
bis(2-Chloroisopropyl) ether	ND	10	ug/L	0.43
4-Methylphenol	ND	20	ug/L	0.74
Hexachlorobutadiene	ND	10	ug/L	0.51
Caprolactam	ND	20	ug/L	5.0
Atrazine	ND	50	ug/L	5.0
Carbazole	ND	10	ug/L	0.43

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	73	(51 - 120)
Phenol-d5	75	(51 - 120)
Nitrobenzene-d5	70	(48 - 120)
2-Fluorobiphenyl	64	(49 - 120)
2,4,6-Tribromophenol	79	(57 - 120)
Terphenyl-d14	77	(61 - 120)

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Bhate Environmental Associates

Client Sample ID: 0T32-TMW08

GC/MS Semivolatiles

Lot-Sample #...: D7G240162-001 **Work Order #...:** J3FTR1A3 **Matrix.....:** WG

NOTE(S):

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: 0T32-TMW07

GC/MS Semivolatiles

Lot-Sample #...: D7G240162-002 **Work Order #...:** J3FT01AE **Matrix.....:** WG
Date Sampled...: 07/20/07 15:50 **Date Received..:** 07/24/07
Prep Date.....: 07/25/07 **Analysis Date..:** 08/01/07
Prep Batch #...: 7206241 **Analysis Time..:** 17:03
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	10	ug/L	0.28
Acenaphthylene	ND	10	ug/L	0.49
Acetophenone	ND	10	ug/L	0.41
Anthracene	ND	10	ug/L	0.42
Benzo(a)anthracene	ND	10	ug/L	0.35
Benzo(b)fluoranthene	ND	10	ug/L	0.39
Benzo(k)fluoranthene	ND	10	ug/L	0.46
Benzo(ghi)perylene	ND	10	ug/L	0.50
Benzo(a)pyrene	ND	10	ug/L	0.74
bis(2-Chloroethoxy) methane	ND	10	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	10	ug/L	0.41
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	0.56
4-Bromophenyl phenyl ether	ND	10	ug/L	0.43
Butyl benzyl phthalate	ND	20	ug/L	1.0
4-Chloroaniline	ND	20	ug/L	2.0
4-Chloro-3-methylphenol	ND	20	ug/L	2.0
2-Chloronaphthalene	ND	10	ug/L	0.31
2-Chlorophenol	ND	10	ug/L	0.38
4-Chlorophenyl phenyl ether	ND	10	ug/L	0.65
Chrysene	ND	10	ug/L	0.54
Dibenz(a,h)anthracene	ND	10	ug/L	0.51
Dibenzofuran	ND	10	ug/L	0.29
Di-n-butyl phthalate	ND	20	ug/L	1.2
3,3'-Dichlorobenzidine	ND	20	ug/L	2.0
2,4-Dichlorophenol	ND	10	ug/L	1.3
Diethyl phthalate	ND	20	ug/L	0.38
2,4-Dimethylphenol	ND	10	ug/L	0.57
Dimethyl phthalate	ND	20	ug/L	1.0
4,6-Dinitro-2-methylphenol	ND	60	ug/L	0.35
2,4-Dinitrophenol	ND	60	ug/L	20
2,4-Dinitrotoluene	ND	20	ug/L	0.25
2,6-Dinitrotoluene	ND	20	ug/L	0.23

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Bhate Environmental Associates

Client Sample ID: 0T32-TMW07

GC/MS Semivolatiles

Lot-Sample #...: D7G240162-002 **Work Order #...:** J3FT01AE **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	20	ug/L	0.35
Fluoranthene	ND	20	ug/L	0.20
Fluorene	ND	10	ug/L	0.31
Hexachlorobenzene	ND	10	ug/L	0.66
Hexachlorocyclopenta-diene	ND	10	ug/L	1.5
Hexachloroethane	ND	10	ug/L	0.46
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	0.65
2-Methylnaphthalene	ND	10	ug/L	0.29
2-Methylphenol	ND	10	ug/L	0.98
Naphthalene	ND	10	ug/L	0.29
2-Nitroaniline	ND	50	ug/L	0.32
3-Nitroaniline	ND	50	ug/L	2.0
4-Nitroaniline	ND	50	ug/L	1.0
Nitrobenzene	ND	20	ug/L	0.81
2-Nitrophenol	ND	20	ug/L	2.0
4-Nitrophenol	ND	50	ug/L	1.7
N-Nitrosodiphenylamine	ND	10	ug/L	0.44
N-Nitrosodi-n-propyl-amine	ND	20	ug/L	0.35
Pentachlorophenol	ND	60	ug/L	20
Phenanthrene	ND	10	ug/L	0.26
Phenol	ND	10	ug/L	0.31
Pyrene	ND	10	ug/L	0.37
2,4,5-Trichloro-phenol	ND	20	ug/L	0.39
2,4,6-Trichloro-phenol	ND	20	ug/L	0.37
bis(2-Chloroisopropyl) ether	ND	10	ug/L	0.43
4-Methylphenol	ND	20	ug/L	0.74
Hexachlorobutadiene	ND	10	ug/L	0.51
Caprolactam	ND	20	ug/L	5.0
Atrazine	ND	50	ug/L	5.0
Carbazole	ND	10	ug/L	0.43

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	65	(51 - 120)
Phenol-d5	68	(51 - 120)
Nitrobenzene-d5	62	(48 - 120)
2-Fluorobiphenyl	54	(49 - 120)
2,4,6-Tribromophenol	74	(57 - 120)
Terphenyl-d14	80	(61 - 120)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: 0T32-TMW06

GC/MS Semivolatiles

Lot-Sample #...: D7G240162-003 **Work Order #...:** J3FT41AE **Matrix.....:** WG
Date Sampled...: 07/21/07 09:10 **Date Received..:** 07/24/07
Prep Date.....: 07/25/07 **Analysis Date..:** 08/01/07
Prep Batch #...: 7206241 **Analysis Time..:** 17:24
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	10	ug/L	0.28
Acenaphthylene	ND	10	ug/L	0.49
Acetophenone	**1.2 J**	**10**	**ug/L**	**0.41**
Anthracene	ND	10	ug/L	0.42
Benzo(a)anthracene	ND	10	ug/L	0.35
Benzo(b)fluoranthene	ND	10	ug/L	0.39
Benzo(k)fluoranthene	ND	10	ug/L	0.46
Benzo(ghi)perylene	ND	10	ug/L	0.50
Benzo(a)pyrene	ND	10	ug/L	0.74
bis(2-Chloroethoxy) methane	ND	10	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	10	ug/L	0.41
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	0.56
4-Bromophenyl phenyl ether	ND	10	ug/L	0.43
Butyl benzyl phthalate	ND	20	ug/L	1.0
4-Chloroaniline	ND	20	ug/L	2.0
4-Chloro-3-methylphenol	ND	20	ug/L	2.0
2-Chloronaphthalene	ND	10	ug/L	0.31
2-Chlorophenol	ND	10	ug/L	0.38
4-Chlorophenyl phenyl ether	ND	10	ug/L	0.65
Chrysene	ND	10	ug/L	0.54
Dibenz(a,h)anthracene	ND	10	ug/L	0.51
Dibenzofuran	ND	10	ug/L	0.29
Di-n-butyl phthalate	ND	20	ug/L	1.2
3,3'-Dichlorobenzidine	ND	20	ug/L	2.0
2,4-Dichlorophenol	ND	10	ug/L	1.3
Diethyl phthalate	ND	20	ug/L	0.38
2,4-Dimethylphenol	ND	10	ug/L	0.57
Dimethyl phthalate	ND	20	ug/L	1.0
4,6-Dinitro-2-methylphenol	ND	60	ug/L	0.35
2,4-Dinitrophenol	ND	60	ug/L	20
2,4-Dinitrotoluene	ND	20	ug/L	0.25
2,6-Dinitrotoluene	ND	20	ug/L	0.23

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Bhate Environmental Associates

Client Sample ID: 0T32-TMW06

GC/MS Semivolatiles

Lot-Sample #...: D7G240162-003 **Work Order #...:** J3FT41AE **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	20	ug/L	0.35
Fluoranthene	ND	20	ug/L	0.20
Fluorene	ND	10	ug/L	0.31
Hexachlorobenzene	ND	10	ug/L	0.66
Hexachlorocyclopenta-diene	ND	10	ug/L	1.5
Hexachloroethane	ND	10	ug/L	0.46
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	0.65
2-Methylnaphthalene	ND	10	ug/L	0.29
2-Methylphenol	ND	10	ug/L	0.98
Naphthalene	ND	10	ug/L	0.29
2-Nitroaniline	ND	50	ug/L	0.32
3-Nitroaniline	ND	50	ug/L	2.0
4-Nitroaniline	ND	50	ug/L	1.0
Nitrobenzene	ND	20	ug/L	0.81
2-Nitrophenol	ND	20	ug/L	2.0
4-Nitrophenol	ND	50	ug/L	1.7
N-Nitrosodiphenylamine	ND	10	ug/L	0.44
N-Nitrosodi-n-propyl-amine	ND	20	ug/L	0.35
Pentachlorophenol	ND	60	ug/L	20
Phenanthrene	ND	10	ug/L	0.26
Phenol	ND	10	ug/L	0.31
Pyrene	ND	10	ug/L	0.37
2,4,5-Trichloro-phenol	ND	20	ug/L	0.39
2,4,6-Trichloro-phenol	ND	20	ug/L	0.37
bis(2-Chloroisopropyl) ether	ND	10	ug/L	0.43
4-Methylphenol	ND	20	ug/L	0.74
Hexachlorobutadiene	ND	10	ug/L	0.51
Caprolactam	ND	20	ug/L	5.0
Atrazine	ND	50	ug/L	5.0
Carbazole	ND	10	ug/L	0.43

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	73	(51 - 120)
Phenol-d5	75	(51 - 120)
Nitrobenzene-d5	70	(48 - 120)
2-Fluorobiphenyl	59	(49 - 120)
2,4,6-Tribromophenol	82	(57 - 120)
Terphenyl-d14	83	(61 - 120)

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Bhate Environmental Associates

Client Sample ID: 0T32-TMW06

GC/MS Semivolatiles

Lot-Sample #...: D7G240162-003 **Work Order #...:** J3FT41AE **Matrix.....:** WG

NOTE(S):

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: 0T32-TMW06-A

GC/MS Semivolatiles

Lot-Sample #...: D7G240162-004 **Work Order #...:** J3FVK1AE **Matrix.....:** WG
Date Sampled...: 07/21/07 09:10 **Date Received..:** 07/24/07
Prep Date.....: 07/25/07 **Analysis Date..:** 08/01/07
Prep Batch #...: 7206241 **Analysis Time..:** 18:28
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	10	ug/L	0.28
Acenaphthylene	ND	10	ug/L	0.49
Acetophenone	**1.2 J**	**10**	**ug/L**	**0.41**
Anthracene	ND	10	ug/L	0.42
Benzo(a)anthracene	ND	10	ug/L	0.35
Benzo(b)fluoranthene	ND	10	ug/L	0.39
Benzo(k)fluoranthene	ND	10	ug/L	0.46
Benzo(ghi)perylene	ND	10	ug/L	0.50
Benzo(a)pyrene	ND	10	ug/L	0.74
bis(2-Chloroethoxy) methane	ND	10	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	10	ug/L	0.41
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	0.56
4-Bromophenyl phenyl ether	ND	10	ug/L	0.43
Butyl benzyl phthalate	ND	20	ug/L	1.0
4-Chloroaniline	ND	20	ug/L	2.0
4-Chloro-3-methylphenol	ND	20	ug/L	2.0
2-Chloronaphthalene	ND	10	ug/L	0.31
2-Chlorophenol	ND	10	ug/L	0.38
4-Chlorophenyl phenyl ether	ND	10	ug/L	0.65
Chrysene	ND	10	ug/L	0.54
Dibenz(a,h)anthracene	ND	10	ug/L	0.51
Dibenzofuran	ND	10	ug/L	0.29
Di-n-butyl phthalate	ND	20	ug/L	1.2
3,3'-Dichlorobenzidine	ND	20	ug/L	2.0
2,4-Dichlorophenol	ND	10	ug/L	1.3
Diethyl phthalate	ND	20	ug/L	0.38
2,4-Dimethylphenol	ND	10	ug/L	0.57
Dimethyl phthalate	ND	20	ug/L	1.0
4,6-Dinitro-2-methylphenol	ND	60	ug/L	0.35
2,4-Dinitrophenol	ND	60	ug/L	20
2,4-Dinitrotoluene	ND	20	ug/L	0.25
2,6-Dinitrotoluene	ND	20	ug/L	0.23

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Bhate Environmental Associates

Client Sample ID: 0T32-TMW06-A

GC/MS Semivolatiles

Lot-Sample #...: D7G240162-004 **Work Order #...:** J3FVK1AE **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	20	ug/L	0.35
Fluoranthene	ND	20	ug/L	0.20
Fluorene	ND	10	ug/L	0.31
Hexachlorobenzene	ND	10	ug/L	0.66
Hexachlorocyclopenta-diene	ND	10	ug/L	1.5
Hexachloroethane	ND	10	ug/L	0.46
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	0.65
2-Methylnaphthalene	ND	10	ug/L	0.29
2-Methylphenol	ND	10	ug/L	0.98
Naphthalene	ND	10	ug/L	0.29
2-Nitroaniline	ND	50	ug/L	0.32
3-Nitroaniline	ND	50	ug/L	2.0
4-Nitroaniline	ND	50	ug/L	1.0
Nitrobenzene	ND	20	ug/L	0.81
2-Nitrophenol	ND	20	ug/L	2.0
4-Nitrophenol	ND	50	ug/L	1.7
N-Nitrosodiphenylamine	ND	10	ug/L	0.44
N-Nitrosodi-n-propyl-amine	ND	20	ug/L	0.35
Pentachlorophenol	ND	60	ug/L	20
Phenanthrene	ND	10	ug/L	0.26
Phenol	ND	10	ug/L	0.31
Pyrene	ND	10	ug/L	0.37
2,4,5-Trichloro-phenol	ND	20	ug/L	0.39
2,4,6-Trichloro-phenol	ND	20	ug/L	0.37
bis(2-Chloroisopropyl) ether	ND	10	ug/L	0.43
4-Methylphenol	ND	20	ug/L	0.74
Hexachlorobutadiene	ND	10	ug/L	0.51
Caprolactam	ND	20	ug/L	5.0
Atrazine	ND	50	ug/L	5.0
Carbazole	ND	10	ug/L	0.43

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	79	(51 - 120)
Phenol-d5	80	(51 - 120)
Nitrobenzene-d5	79	(48 - 120)
2-Fluorobiphenyl	76	(49 - 120)
2,4,6-Tribromophenol	85	(57 - 120)
Terphenyl-d14	82	(61 - 120)

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Bhate Environmental Associates

Client Sample ID: 0T32-TMW06-A

GC/MS Semivolatiles

Lot-Sample #...: D7G240162-004 **Work Order #...:** J3FVK1AE **Matrix.....:** WG

NOTE(S):

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: 0T32-TMW05

GC/MS Semivolatiles

Lot-Sample #...: D7G240162-005 **Work Order #...:** J3FVM1AE **Matrix.....:** WG
Date Sampled...: 07/21/07 09:08 **Date Received..:** 07/24/07
Prep Date.....: 07/25/07 **Analysis Date..:** 08/01/07
Prep Batch #...: 7206241 **Analysis Time..:** 18:49
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	10	ug/L	0.28
Acenaphthylene	ND	10	ug/L	0.49
Acetophenone	**1.4 J**	**10**	**ug/L**	**0.41**
Anthracene	ND	10	ug/L	0.42
Benzo(a)anthracene	ND	10	ug/L	0.35
Benzo(b)fluoranthene	ND	10	ug/L	0.39
Benzo(k)fluoranthene	ND	10	ug/L	0.46
Benzo(ghi)perylene	ND	10	ug/L	0.50
Benzo(a)pyrene	ND	10	ug/L	0.74
bis(2-Chloroethoxy) methane	ND	10	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	10	ug/L	0.41
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	0.56
4-Bromophenyl phenyl ether	ND	10	ug/L	0.43
Butyl benzyl phthalate	ND	20	ug/L	1.0
4-Chloroaniline	ND	20	ug/L	2.0
4-Chloro-3-methylphenol	ND	20	ug/L	2.0
2-Chloronaphthalene	ND	10	ug/L	0.31
2-Chlorophenol	ND	10	ug/L	0.38
4-Chlorophenyl phenyl ether	ND	10	ug/L	0.65
Chrysene	ND	10	ug/L	0.54
Dibenz(a,h)anthracene	ND	10	ug/L	0.51
Dibenzofuran	ND	10	ug/L	0.29
Di-n-butyl phthalate	ND	20	ug/L	1.2
3,3'-Dichlorobenzidine	ND	20	ug/L	2.0
2,4-Dichlorophenol	ND	10	ug/L	1.3
Diethyl phthalate	ND	20	ug/L	0.38
2,4-Dimethylphenol	ND	10	ug/L	0.57
Dimethyl phthalate	ND	20	ug/L	1.0
4,6-Dinitro-2-methylphenol	ND	60	ug/L	0.35
2,4-Dinitrophenol	ND	60	ug/L	20
2,4-Dinitrotoluene	ND	20	ug/L	0.25
2,6-Dinitrotoluene	ND	20	ug/L	0.23

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Bhate Environmental Associates

Client Sample ID: 0T32-TMW05

GC/MS Semivolatiles

Lot-Sample #...: D7G240162-005 **Work Order #...:** J3FVM1AE **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	20	ug/L	0.35
Fluoranthene	ND	20	ug/L	0.20
Fluorene	ND	10	ug/L	0.31
Hexachlorobenzene	ND	10	ug/L	0.66
Hexachlorocyclopenta-diene	ND	10	ug/L	1.5
Hexachloroethane	ND	10	ug/L	0.46
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	0.65
2-Methylnaphthalene	ND	10	ug/L	0.29
2-Methylphenol	ND	10	ug/L	0.98
Naphthalene	ND	10	ug/L	0.29
2-Nitroaniline	ND	50	ug/L	0.32
3-Nitroaniline	ND	50	ug/L	2.0
4-Nitroaniline	ND	50	ug/L	1.0
Nitrobenzene	ND	20	ug/L	0.81
2-Nitrophenol	ND	20	ug/L	2.0
4-Nitrophenol	ND	50	ug/L	1.7
N-Nitrosodiphenylamine	ND	10	ug/L	0.44
N-Nitrosodi-n-propyl-amine	ND	20	ug/L	0.35
Pentachlorophenol	ND	60	ug/L	20
Phenanthrene	ND	10	ug/L	0.26
Phenol	ND	10	ug/L	0.31
Pyrene	ND	10	ug/L	0.37
2,4,5-Trichloro-phenol	ND	20	ug/L	0.39
2,4,6-Trichloro-phenol	ND	20	ug/L	0.37
bis(2-Chloroisopropyl) ether	ND	10	ug/L	0.43
4-Methylphenol	ND	20	ug/L	0.74
Hexachlorobutadiene	ND	10	ug/L	0.51
Caprolactam	ND	20	ug/L	5.0
Atrazine	ND	50	ug/L	5.0
Carbazole	ND	10	ug/L	0.43

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	74	(51 - 120)
Phenol-d5	77	(51 - 120)
Nitrobenzene-d5	74	(48 - 120)
2-Fluorobiphenyl	70	(49 - 120)
2,4,6-Tribromophenol	83	(57 - 120)
Terphenyl-d14	82	(61 - 120)

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Bhate Environmental Associates

Client Sample ID: 0T32-TMW05

GC/MS Semivolatiles

Lot-Sample #...: D7G240162-005 **Work Order #...:** J3FVM1AE **Matrix.....:** WG

NOTE(S):

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: 0T32-TMW05-A

GC/MS Semivolatiles

Lot-Sample #...: D7G240162-006 **Work Order #...:** J3FVN1AE **Matrix.....:** WG
Date Sampled...: 07/21/07 09:08 **Date Received..:** 07/24/07
Prep Date.....: 07/25/07 **Analysis Date..:** 08/01/07
Prep Batch #...: 7206241 **Analysis Time..:** 19:10
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	10	ug/L	0.28
Acenaphthylene	ND	10	ug/L	0.49
Acetophenone	**1.4 J**	**10**	**ug/L**	**0.41**
Anthracene	ND	10	ug/L	0.42
Benzo(a)anthracene	ND	10	ug/L	0.35
Benzo(b)fluoranthene	ND	10	ug/L	0.39
Benzo(k)fluoranthene	ND	10	ug/L	0.46
Benzo(ghi)perylene	ND	10	ug/L	0.50
Benzo(a)pyrene	ND	10	ug/L	0.74
bis(2-Chloroethoxy) methane	ND	10	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	10	ug/L	0.41
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	0.56
4-Bromophenyl phenyl ether	ND	10	ug/L	0.43
Butyl benzyl phthalate	ND	20	ug/L	1.0
4-Chloroaniline	ND	20	ug/L	2.0
4-Chloro-3-methylphenol	ND	20	ug/L	2.0
2-Chloronaphthalene	ND	10	ug/L	0.31
2-Chlorophenol	ND	10	ug/L	0.38
4-Chlorophenyl phenyl ether	ND	10	ug/L	0.65
Chrysene	ND	10	ug/L	0.54
Dibenz(a,h)anthracene	ND	10	ug/L	0.51
Dibenzofuran	ND	10	ug/L	0.29
Di-n-butyl phthalate	ND	20	ug/L	1.2
3,3'-Dichlorobenzidine	ND	20	ug/L	2.0
2,4-Dichlorophenol	ND	10	ug/L	1.3
Diethyl phthalate	ND	20	ug/L	0.38
2,4-Dimethylphenol	ND	10	ug/L	0.57
Dimethyl phthalate	ND	20	ug/L	1.0
4,6-Dinitro-2-methylphenol	ND	60	ug/L	0.35
2,4-Dinitrophenol	ND	60	ug/L	20
2,4-Dinitrotoluene	ND	20	ug/L	0.25
2,6-Dinitrotoluene	ND	20	ug/L	0.23

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Bhate Environmental Associates

Client Sample ID: 0T32-TMW05-A

GC/MS Semivolatiles

Lot-Sample #...: D7G240162-006 **Work Order #...:** J3FVN1AE **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	20	ug/L	0.35
Fluoranthene	ND	20	ug/L	0.20
Fluorene	ND	10	ug/L	0.31
Hexachlorobenzene	ND	10	ug/L	0.66
Hexachlorocyclopenta-diene	ND	10	ug/L	1.5
Hexachloroethane	ND	10	ug/L	0.46
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	0.65
2-Methylnaphthalene	ND	10	ug/L	0.29
2-Methylphenol	ND	10	ug/L	0.98
Naphthalene	ND	10	ug/L	0.29
2-Nitroaniline	ND	50	ug/L	0.32
3-Nitroaniline	ND	50	ug/L	2.0
4-Nitroaniline	ND	50	ug/L	1.0
Nitrobenzene	ND	20	ug/L	0.81
2-Nitrophenol	ND	20	ug/L	2.0
4-Nitrophenol	ND	50	ug/L	1.7
N-Nitrosodiphenylamine	ND	10	ug/L	0.44
N-Nitrosodi-n-propyl-amine	ND	20	ug/L	0.35
Pentachlorophenol	ND	60	ug/L	20
Phenanthrene	ND	10	ug/L	0.26
Phenol	ND	10	ug/L	0.31
Pyrene	ND	10	ug/L	0.37
2,4,5-Trichloro-phenol	ND	20	ug/L	0.39
2,4,6-Trichloro-phenol	ND	20	ug/L	0.37
bis(2-Chloroisopropyl) ether	ND	10	ug/L	0.43
4-Methylphenol	ND	20	ug/L	0.74
Hexachlorobutadiene	ND	10	ug/L	0.51
Caprolactam	ND	20	ug/L	5.0
Atrazine	ND	50	ug/L	5.0
Carbazole	ND	10	ug/L	0.43

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	76	(51 - 120)
Phenol-d5	77	(51 - 120)
Nitrobenzene-d5	77	(48 - 120)
2-Fluorobiphenyl	73	(49 - 120)
2,4,6-Tribromophenol	82	(57 - 120)
Terphenyl-d14	81	(61 - 120)

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Bhate Environmental Associates

Client Sample ID: 0T32-TMW05-A

GC/MS Semivolatiles

Lot-Sample #...: D7G240162-006 **Work Order #...:** J3FVN1AE **Matrix.....:** WG

NOTE(S):

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: OT32-TMW04

GC/MS Semivolatiles

Lot-Sample #...: D7G240162-011 **Work Order #...:** J3FVV1AE **Matrix.....:** WG
Date Sampled...: 07/21/07 11:38 **Date Received..:** 07/24/07
Prep Date.....: 07/25/07 **Analysis Date..:** 08/01/07
Prep Batch #...: 7206241 **Analysis Time..:** 19:32
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	10	ug/L	0.28
Acenaphthylene	ND	10	ug/L	0.49
Acetophenone	ND	10	ug/L	0.41
Anthracene	ND	10	ug/L	0.42
Benzo(a)anthracene	ND	10	ug/L	0.35
Benzo(b)fluoranthene	ND	10	ug/L	0.39
Benzo(k)fluoranthene	ND	10	ug/L	0.46
Benzo(ghi)perylene	ND	10	ug/L	0.50
Benzo(a)pyrene	ND	10	ug/L	0.74
bis(2-Chloroethoxy) methane	ND	10	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	10	ug/L	0.41
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	0.56
4-Bromophenyl phenyl ether	ND	10	ug/L	0.43
Butyl benzyl phthalate	ND	20	ug/L	1.0
4-Chloroaniline	ND	20	ug/L	2.0
4-Chloro-3-methylphenol	ND	20	ug/L	2.0
2-Chloronaphthalene	ND	10	ug/L	0.31
2-Chlorophenol	ND	10	ug/L	0.38
4-Chlorophenyl phenyl ether	ND	10	ug/L	0.65
Chrysene	ND	10	ug/L	0.54
Dibenz(a,h)anthracene	ND	10	ug/L	0.51
Dibenzofuran	ND	10	ug/L	0.29
Di-n-butyl phthalate	ND	20	ug/L	1.2
3,3'-Dichlorobenzidine	ND	20	ug/L	2.0
2,4-Dichlorophenol	ND	10	ug/L	1.3
Diethyl phthalate	ND	20	ug/L	0.38
2,4-Dimethylphenol	ND	10	ug/L	0.57
Dimethyl phthalate	ND	20	ug/L	1.0
4,6-Dinitro-2-methylphenol	ND	60	ug/L	0.35
2,4-Dinitrophenol	ND	60	ug/L	20
2,4-Dinitrotoluene	ND	20	ug/L	0.25
2,6-Dinitrotoluene	ND	20	ug/L	0.23

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Bhate Environmental Associates

Client Sample ID: OT32-TMW04

GC/MS Semivolatiles

Lot-Sample #...: D7G240162-011 **Work Order #...:** J3FVV1AE **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	20	ug/L	0.35
Fluoranthene	ND	20	ug/L	0.20
Fluorene	ND	10	ug/L	0.31
Hexachlorobenzene	ND	10	ug/L	0.66
Hexachlorocyclopenta-diene	ND	10	ug/L	1.5
Hexachloroethane	ND	10	ug/L	0.46
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	0.65
2-Methylnaphthalene	ND	10	ug/L	0.29
2-Methylphenol	ND	10	ug/L	0.98
Naphthalene	ND	10	ug/L	0.29
2-Nitroaniline	ND	50	ug/L	0.32
3-Nitroaniline	ND	50	ug/L	2.0
4-Nitroaniline	ND	50	ug/L	1.0
Nitrobenzene	ND	20	ug/L	0.81
2-Nitrophenol	ND	20	ug/L	2.0
4-Nitrophenol	ND	50	ug/L	1.7
N-Nitrosodiphenylamine	ND	10	ug/L	0.44
N-Nitrosodi-n-propyl-amine	ND	20	ug/L	0.35
Pentachlorophenol	ND	60	ug/L	20
Phenanthrene	ND	10	ug/L	0.26
Phenol	ND	10	ug/L	0.31
Pyrene	ND	10	ug/L	0.37
2,4,5-Trichloro-phenol	ND	20	ug/L	0.39
2,4,6-Trichloro-phenol	ND	20	ug/L	0.37
bis(2-Chloroisopropyl) ether	ND	10	ug/L	0.43
4-Methylphenol	ND	20	ug/L	0.74
Hexachlorobutadiene	ND	10	ug/L	0.51
Caprolactam	ND	20	ug/L	5.0
Atrazine	ND	50	ug/L	5.0
Carbazole	ND	10	ug/L	0.43

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	70	(51 - 120)
Phenol-d5	73	(51 - 120)
Nitrobenzene-d5	69	(48 - 120)
2-Fluorobiphenyl	66	(49 - 120)
2,4,6-Tribromophenol	79	(57 - 120)
Terphenyl-d14	80	(61 - 120)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: RW42-MW02

GC/MS Semivolatiles

Lot-Sample #...: D7G240162-012 **Work Order #...:** J3FV71AE **Matrix.....:** WG
Date Sampled...: 07/23/07 09:20 **Date Received..:** 07/24/07
Prep Date.....: 07/25/07 **Analysis Date..:** 08/01/07
Prep Batch #...: 7206241 **Analysis Time..:** 19:53
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	10	ug/L	0.28
Acenaphthylene	ND	10	ug/L	0.49
Acetophenone	ND	10	ug/L	0.41
Anthracene	ND	10	ug/L	0.42
Benzo(a)anthracene	ND	10	ug/L	0.35
Benzo(b)fluoranthene	ND	10	ug/L	0.39
Benzo(k)fluoranthene	ND	10	ug/L	0.46
Benzo(ghi)perylene	ND	10	ug/L	0.50
Benzo(a)pyrene	ND	10	ug/L	0.74
bis(2-Chloroethoxy) methane	ND	10	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	10	ug/L	0.41
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	0.56
4-Bromophenyl phenyl ether	ND	10	ug/L	0.43
Butyl benzyl phthalate	ND	20	ug/L	1.0
4-Chloroaniline	ND	20	ug/L	2.0
4-Chloro-3-methylphenol	ND	20	ug/L	2.0
2-Chloronaphthalene	ND	10	ug/L	0.31
2-Chlorophenol	ND	10	ug/L	0.38
4-Chlorophenyl phenyl ether	ND	10	ug/L	0.65
Chrysene	ND	10	ug/L	0.54
Dibenz(a,h)anthracene	ND	10	ug/L	0.51
Dibenzofuran	ND	10	ug/L	0.29
Di-n-butyl phthalate	ND	20	ug/L	1.2
3,3'-Dichlorobenzidine	ND	20	ug/L	2.0
2,4-Dichlorophenol	ND	10	ug/L	1.3
Diethyl phthalate	ND	20	ug/L	0.38
2,4-Dimethylphenol	ND	10	ug/L	0.57
Dimethyl phthalate	ND	20	ug/L	1.0
4,6-Dinitro-2-methylphenol	ND	60	ug/L	0.35
2,4-Dinitrophenol	ND	60	ug/L	20
2,4-Dinitrotoluene	ND	20	ug/L	0.25
2,6-Dinitrotoluene	ND	20	ug/L	0.23

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Bhate Environmental Associates

Client Sample ID: RW42-MW02

GC/MS Semivolatiles

Lot-Sample #...: D7G240162-012 **Work Order #...:** J3FV71AE **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	20	ug/L	0.35
Fluoranthene	ND	20	ug/L	0.20
Fluorene	ND	10	ug/L	0.31
Hexachlorobenzene	ND	10	ug/L	0.66
Hexachlorocyclopenta-diene	ND	10	ug/L	1.5
Hexachloroethane	ND	10	ug/L	0.46
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	0.65
2-Methylnaphthalene	ND	10	ug/L	0.29
2-Methylphenol	ND	10	ug/L	0.98
Naphthalene	ND	10	ug/L	0.29
2-Nitroaniline	ND	50	ug/L	0.32
3-Nitroaniline	ND	50	ug/L	2.0
4-Nitroaniline	ND	50	ug/L	1.0
Nitrobenzene	ND	20	ug/L	0.81
2-Nitrophenol	ND	20	ug/L	2.0
4-Nitrophenol	ND	50	ug/L	1.7
N-Nitrosodiphenylamine	ND	10	ug/L	0.44
N-Nitrosodi-n-propyl-amine	ND	20	ug/L	0.35
Pentachlorophenol	ND	60	ug/L	20
Phenanthrene	ND	10	ug/L	0.26
Phenol	ND	10	ug/L	0.31
Pyrene	ND	10	ug/L	0.37
2,4,5-Trichloro-phenol	ND	20	ug/L	0.39
2,4,6-Trichloro-phenol	ND	20	ug/L	0.37
bis(2-Chloroisopropyl) ether	ND	10	ug/L	0.43
4-Methylphenol	ND	20	ug/L	0.74
Hexachlorobutadiene	ND	10	ug/L	0.51
Caprolactam	ND	20	ug/L	5.0
Atrazine	ND	50	ug/L	5.0
Carbazole	ND	10	ug/L	0.43

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	68	(51 - 120)
Phenol-d5	72	(51 - 120)
Nitrobenzene-d5	70	(48 - 120)
2-Fluorobiphenyl	66	(49 - 120)
2,4,6-Tribromophenol	74	(57 - 120)
Terphenyl-d14	78	(61 - 120)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: RW42-MW02-A

GC/MS Semivolatiles

Lot-Sample #...: D7G240162-013 **Work Order #...:** J3FWD1AE **Matrix.....:** WG
Date Sampled...: 07/23/07 09:20 **Date Received..:** 07/24/07
Prep Date.....: 07/25/07 **Analysis Date..:** 08/01/07
Prep Batch #...: 7206241 **Analysis Time..:** 20:56
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	10	ug/L	0.28
Acenaphthylene	ND	10	ug/L	0.49
Acetophenone	ND	10	ug/L	0.41
Anthracene	ND	10	ug/L	0.42
Benzo(a)anthracene	ND	10	ug/L	0.35
Benzo(b)fluoranthene	ND	10	ug/L	0.39
Benzo(k)fluoranthene	ND	10	ug/L	0.46
Benzo(ghi)perylene	ND	10	ug/L	0.50
Benzo(a)pyrene	ND	10	ug/L	0.74
bis(2-Chloroethoxy) methane	ND	10	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	10	ug/L	0.41
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	0.56
4-Bromophenyl phenyl ether	ND	10	ug/L	0.43
Butyl benzyl phthalate	ND	20	ug/L	1.0
4-Chloroaniline	ND	20	ug/L	2.0
4-Chloro-3-methylphenol	ND	20	ug/L	2.0
2-Chloronaphthalene	ND	10	ug/L	0.31
2-Chlorophenol	ND	10	ug/L	0.38
4-Chlorophenyl phenyl ether	ND	10	ug/L	0.65
Chrysene	ND	10	ug/L	0.54
Dibenz(a,h)anthracene	ND	10	ug/L	0.51
Dibenzofuran	ND	10	ug/L	0.29
Di-n-butyl phthalate	ND	20	ug/L	1.2
3,3'-Dichlorobenzidine	ND	20	ug/L	2.0
2,4-Dichlorophenol	ND	10	ug/L	1.3
Diethyl phthalate	ND	20	ug/L	0.38
2,4-Dimethylphenol	ND	10	ug/L	0.57
Dimethyl phthalate	ND	20	ug/L	1.0
4,6-Dinitro-2-methylphenol	ND	60	ug/L	0.35
2,4-Dinitrophenol	ND	60	ug/L	20
2,4-Dinitrotoluene	ND	20	ug/L	0.25
2,6-Dinitrotoluene	ND	20	ug/L	0.23

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Bhate Environmental Associates

Client Sample ID: RW42-MW02-A

GC/MS Semivolatiles

Lot-Sample #...: D7G240162-013 **Work Order #...:** J3FWD1AE **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	20	ug/L	0.35
Fluoranthene	ND	20	ug/L	0.20
Fluorene	ND	10	ug/L	0.31
Hexachlorobenzene	ND	10	ug/L	0.66
Hexachlorocyclopenta-diene	ND	10	ug/L	1.5
Hexachloroethane	ND	10	ug/L	0.46
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	0.65
2-Methylnaphthalene	ND	10	ug/L	0.29
2-Methylphenol	ND	10	ug/L	0.98
Naphthalene	ND	10	ug/L	0.29
2-Nitroaniline	ND	50	ug/L	0.32
3-Nitroaniline	ND	50	ug/L	2.0
4-Nitroaniline	ND	50	ug/L	1.0
Nitrobenzene	ND	20	ug/L	0.81
2-Nitrophenol	ND	20	ug/L	2.0
4-Nitrophenol	ND	50	ug/L	1.7
N-Nitrosodiphenylamine	ND	10	ug/L	0.44
N-Nitrosodi-n-propyl-amine	ND	20	ug/L	0.35
Pentachlorophenol	ND	60	ug/L	20
Phenanthrene	ND	10	ug/L	0.26
Phenol	ND	10	ug/L	0.31
Pyrene	ND	10	ug/L	0.37
2,4,5-Trichloro-phenol	ND	20	ug/L	0.39
2,4,6-Trichloro-phenol	ND	20	ug/L	0.37
bis(2-Chloroisopropyl) ether	ND	10	ug/L	0.43
4-Methylphenol	ND	20	ug/L	0.74
Hexachlorobutadiene	ND	10	ug/L	0.51
Caprolactam	ND	20	ug/L	5.0
Atrazine	ND	50	ug/L	5.0
Carbazole	ND	10	ug/L	0.43

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	62	(51 - 120)
Phenol-d5	65	(51 - 120)
Nitrobenzene-d5	62	(48 - 120)
2-Fluorobiphenyl	56	(49 - 120)
2,4,6-Tribromophenol	74	(57 - 120)
Terphenyl-d14	77	(61 - 120)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: RW42-MW03

GC/MS Semivolatiles

Lot-Sample #...: D7G240162-014 **Work Order #...:** J3FWF1AE **Matrix.....:** WG
Date Sampled...: 07/23/07 11:45 **Date Received..:** 07/24/07
Prep Date.....: 07/25/07 **Analysis Date..:** 08/01/07
Prep Batch #...: 7206241 **Analysis Time..:** 21:17
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	10	ug/L	0.28
Acenaphthylene	ND	10	ug/L	0.49
Acetophenone	ND	10	ug/L	0.41
Anthracene	ND	10	ug/L	0.42
Benzo(a)anthracene	ND	10	ug/L	0.35
Benzo(b)fluoranthene	ND	10	ug/L	0.39
Benzo(k)fluoranthene	ND	10	ug/L	0.46
Benzo(ghi)perylene	ND	10	ug/L	0.50
Benzo(a)pyrene	ND	10	ug/L	0.74
bis(2-Chloroethoxy) methane	ND	10	ug/L	0.32
bis(2-Chloroethyl)- ether	ND	10	ug/L	0.41
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	0.56
4-Bromophenyl phenyl ether	ND	10	ug/L	0.43
Butyl benzyl phthalate	ND	20	ug/L	1.0
4-Chloroaniline	ND	20	ug/L	2.0
4-Chloro-3-methylphenol	ND	20	ug/L	2.0
2-Chloronaphthalene	ND	10	ug/L	0.31
2-Chlorophenol	ND	10	ug/L	0.38
4-Chlorophenyl phenyl ether	ND	10	ug/L	0.65
Chrysene	ND	10	ug/L	0.54
Dibenz(a,h)anthracene	ND	10	ug/L	0.51
Dibenzofuran	ND	10	ug/L	0.29
Di-n-butyl phthalate	ND	20	ug/L	1.2
3,3'-Dichlorobenzidine	ND	20	ug/L	2.0
2,4-Dichlorophenol	ND	10	ug/L	1.3
Diethyl phthalate	ND	20	ug/L	0.38
2,4-Dimethylphenol	ND	10	ug/L	0.57
Dimethyl phthalate	ND	20	ug/L	1.0
4,6-Dinitro- 2-methylphenol	ND	60	ug/L	0.35
2,4-Dinitrophenol	ND	60	ug/L	20
2,4-Dinitrotoluene	ND	20	ug/L	0.25
2,6-Dinitrotoluene	ND	20	ug/L	0.23

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Bhate Environmental Associates

Client Sample ID: RW42-MW03

GC/MS Semivolatiles

Lot-Sample #...: D7G240162-014 **Work Order #...:** J3FWF1AE **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	20	ug/L	0.35
Fluoranthene	ND	20	ug/L	0.20
Fluorene	ND	10	ug/L	0.31
Hexachlorobenzene	ND	10	ug/L	0.66
Hexachlorocyclopenta-diene	ND	10	ug/L	1.5
Hexachloroethane	ND	10	ug/L	0.46
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	0.65
2-Methylnaphthalene	ND	10	ug/L	0.29
2-Methylphenol	ND	10	ug/L	0.98
Naphthalene	ND	10	ug/L	0.29
2-Nitroaniline	ND	50	ug/L	0.32
3-Nitroaniline	ND	50	ug/L	2.0
4-Nitroaniline	ND	50	ug/L	1.0
Nitrobenzene	ND	20	ug/L	0.81
2-Nitrophenol	ND	20	ug/L	2.0
4-Nitrophenol	ND	50	ug/L	1.7
N-Nitrosodiphenylamine	ND	10	ug/L	0.44
N-Nitrosodi-n-propyl-amine	ND	20	ug/L	0.35
Pentachlorophenol	ND	60	ug/L	20
Phenanthrene	ND	10	ug/L	0.26
Phenol	ND	10	ug/L	0.31
Pyrene	ND	10	ug/L	0.37
2,4,5-Trichloro-phenol	ND	20	ug/L	0.39
2,4,6-Trichloro-phenol	ND	20	ug/L	0.37
bis(2-Chloroisopropyl) ether	ND	10	ug/L	0.43
4-Methylphenol	ND	20	ug/L	0.74
Hexachlorobutadiene	ND	10	ug/L	0.51
Caprolactam	ND	20	ug/L	5.0
Atrazine	ND	50	ug/L	5.0
Carbazole	ND	10	ug/L	0.43

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	59	(51 - 120)
Phenol-d5	61	(51 - 120)
Nitrobenzene-d5	57	(48 - 120)
2-Fluorobiphenyl	55	(49 - 120)
2,4,6-Tribromophenol	74	(57 - 120)
Terphenyl-d14	73	(61 - 120)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: 0T32-SB03-15

GC/MS Semivolatiles

Lot-Sample #...: D7G240162-019 **Work Order #...:** J3FWR1AE **Matrix.....:** SO
Date Sampled...: 07/23/07 08:30 **Date Received..:** 07/24/07
Prep Date.....: 07/26/07 **Analysis Date..:** 07/31/07
Prep Batch #...: 7207139 **Analysis Time..:** 12:25
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	400	ug/kg	13
Acenaphthylene	ND	400	ug/kg	21
Acetophenone	ND	400	ug/kg	24
Anthracene	ND	400	ug/kg	21
Benzo(a)anthracene	ND	800	ug/kg	24
Benzo(b)fluoranthene	ND	800	ug/kg	32
Benzo(k)fluoranthene	ND	800	ug/kg	49
Benzo(ghi)perylene	ND	800	ug/kg	20
Benzo(a)pyrene	ND	800	ug/kg	24
bis(2-Chloroethoxy) methane	ND	400	ug/kg	28
bis(2-Chloroethyl)-ether	ND	800	ug/kg	20
bis(2-Ethylhexyl) phthalate	ND	800	ug/kg	56
4-Bromophenyl phenyl ether	ND	800	ug/kg	23
Butyl benzyl phthalate	ND	800	ug/kg	52
4-Chloroaniline	ND	1600	ug/kg	25
4-Chloro-3-methylphenol	ND	1600	ug/kg	29
2-Chloronaphthalene	ND	400	ug/kg	12
2-Chlorophenol	ND	800	ug/kg	26
4-Chlorophenyl phenyl ether	ND	800	ug/kg	26
Chrysene	ND	800	ug/kg	33
Dibenz(a,h)anthracene	ND	800	ug/kg	23
Dibenzofuran	ND	800	ug/kg	24
Di-n-butyl phthalate	ND	800	ug/kg	35
3,3'-Dichlorobenzidine	ND	1600	ug/kg	61
2,4-Dichlorophenol	ND	800	ug/kg	12
Diethyl phthalate	ND	800	ug/kg	32
2,4-Dimethylphenol	ND	800	ug/kg	32
Dimethyl phthalate	ND	800	ug/kg	28
4,6-Dinitro-2-methylphenol	ND	4000	ug/kg	61
2,4-Dinitrophenol	ND	4000	ug/kg	61
2,4-Dinitrotoluene	ND	800	ug/kg	28
2,6-Dinitrotoluene	ND	800	ug/kg	34

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Bhate Environmental Associates

Client Sample ID: 0T32-SB03-15

GC/MS Semivolatiles

Lot-Sample #...: D7G240162-019 **Work Order #...:** J3FWR1AE **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	800	ug/kg	18
Fluoranthene	ND	800	ug/kg	44
Fluorene	ND	800	ug/kg	22
Hexachlorobenzene	ND	800	ug/kg	35
Hexachlorocyclopenta-diene	ND	800	ug/kg	61
Hexachloroethane	ND	800	ug/kg	26
Indeno(1,2,3-cd)pyrene	ND	800	ug/kg	27
2-Methylnaphthalene	ND	800	ug/kg	23
2-Methylphenol	ND	800	ug/kg	16
Naphthalene	ND	800	ug/kg	38
2-Nitroaniline	ND	4000	ug/kg	61
3-Nitroaniline	ND	4000	ug/kg	61
4-Nitroaniline	ND	4000	ug/kg	88
Nitrobenzene	ND	800	ug/kg	27
2-Nitrophenol	ND	800	ug/kg	12
4-Nitrophenol	ND	4000	ug/kg	52
N-Nitrosodiphenylamine	ND	800	ug/kg	26
N-Nitrosodi-n-propyl-amine	ND	800	ug/kg	38
Pentachlorophenol	ND	4000	ug/kg	130
Phenanthrene	ND	800	ug/kg	21
Phenol	ND	800	ug/kg	22
Pyrene	ND	800	ug/kg	15
2,4,5-Trichloro-phenol	ND	800	ug/kg	12
2,4,6-Trichloro-phenol	ND	800	ug/kg	12
bis(2-Chloroisopropyl) ether	ND	800	ug/kg	28
4-Methylphenol	ND	800	ug/kg	12
Hexachlorobutadiene	ND	800	ug/kg	12
Caprolactam	ND	2000	ug/kg	130
Atrazine	ND	400	ug/kg	45
Carbazole	ND	400	ug/kg	44

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	62	(53 - 120)
Phenol-d5	60	(52 - 120)
Nitrobenzene-d5	59	(50 - 120)
2-Fluorobiphenyl	59	(50 - 120)
2,4,6-Tribromophenol	54	(51 - 120)
Terphenyl-d14	64	(55 - 120)

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Bhate Environmental Associates

Client Sample ID: 0T32-SB03-15

GC/MS Semivolatiles

Lot-Sample #...: D7G240162-019 **Work Order #...:** J3FWR1AE **Matrix.....:** SO

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: 0T32-SB03-25

GC/MS Semivolatiles

Lot-Sample #...: D7G240162-020 **Work Order #...:** J3FW51AQ **Matrix.....:** SO
Date Sampled...: 07/23/07 09:00 **Date Received..:** 07/24/07
Prep Date.....: 07/26/07 **Analysis Date..:** 07/31/07
Prep Batch #...: 7207139 **Analysis Time..:** 12:46
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	410	ug/kg	13
Acenaphthylene	ND	410	ug/kg	21
Acetophenone	ND	410	ug/kg	25
Anthracene	ND	410	ug/kg	21
Benzo(a)anthracene	ND	830	ug/kg	25
Benzo(b)fluoranthene	ND	830	ug/kg	33
Benzo(k)fluoranthene	ND	830	ug/kg	50
Benzo(ghi)perylene	ND	830	ug/kg	20
Benzo(a)pyrene	ND	830	ug/kg	25
bis(2-Chloroethoxy) methane	ND	410	ug/kg	29
bis(2-Chloroethyl)-ether	ND	830	ug/kg	21
bis(2-Ethylhexyl) phthalate	ND	830	ug/kg	58
4-Bromophenyl phenyl ether	ND	830	ug/kg	24
Butyl benzyl phthalate	ND	830	ug/kg	54
4-Chloroaniline	ND	1600	ug/kg	26
4-Chloro-3-methylphenol	ND	1600	ug/kg	30
2-Chloronaphthalene	ND	410	ug/kg	13
2-Chlorophenol	ND	830	ug/kg	26
4-Chlorophenyl phenyl ether	ND	830	ug/kg	26
Chrysene	ND	830	ug/kg	34
Dibenz(a,h)anthracene	ND	830	ug/kg	24
Dibenzofuran	ND	830	ug/kg	25
Di-n-butyl phthalate	ND	830	ug/kg	36
3,3'-Dichlorobenzidine	ND	1600	ug/kg	63
2,4-Dichlorophenol	ND	830	ug/kg	13
Diethyl phthalate	ND	830	ug/kg	33
2,4-Dimethylphenol	ND	830	ug/kg	33
Dimethyl phthalate	ND	830	ug/kg	29
4,6-Dinitro-2-methylphenol	ND	4100	ug/kg	63
2,4-Dinitrophenol	ND	4100	ug/kg	63
2,4-Dinitrotoluene	ND	830	ug/kg	29
2,6-Dinitrotoluene	ND	830	ug/kg	35

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Bhate Environmental Associates

Client Sample ID: 0T32-SB03-25

GC/MS Semivolatiles

Lot-Sample #...: D7G240162-020 **Work Order #...:** J3FW51AQ **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	830	ug/kg	18
Fluoranthene	ND	830	ug/kg	45
Fluorene	ND	830	ug/kg	23
Hexachlorobenzene	ND	830	ug/kg	36
Hexachlorocyclopenta-diene	ND	830	ug/kg	63
Hexachloroethane	ND	830	ug/kg	27
Indeno(1,2,3-cd)pyrene	ND	830	ug/kg	28
2-Methylnaphthalene	ND	830	ug/kg	24
2-Methylphenol	ND	830	ug/kg	16
Naphthalene	ND	830	ug/kg	39
2-Nitroaniline	ND	4100	ug/kg	63
3-Nitroaniline	ND	4100	ug/kg	63
4-Nitroaniline	ND	4100	ug/kg	91
Nitrobenzene	ND	830	ug/kg	28
2-Nitrophenol	ND	830	ug/kg	13
4-Nitrophenol	ND	4100	ug/kg	54
N-Nitrosodiphenylamine	ND	830	ug/kg	26
N-Nitrosodi-n-propyl-amine	ND	830	ug/kg	39
Pentachlorophenol	ND	4100	ug/kg	140
Phenanthrene	ND	830	ug/kg	21
Phenol	ND	830	ug/kg	23
Pyrene	ND	830	ug/kg	15
2,4,5-Trichloro-phenol	ND	830	ug/kg	13
2,4,6-Trichloro-phenol	ND	830	ug/kg	13
bis(2-Chloroisopropyl) ether	ND	830	ug/kg	29
4-Methylphenol	ND	830	ug/kg	13
Hexachlorobutadiene	ND	830	ug/kg	13
Caprolactam	ND	2000	ug/kg	130
Atrazine	ND	410	ug/kg	46
Carbazole	ND	410	ug/kg	45

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	63	(53 - 120)
Phenol-d5	63	(52 - 120)
Nitrobenzene-d5	57	(50 - 120)
2-Fluorobiphenyl	58	(50 - 120)
2,4,6-Tribromophenol	51	(51 - 120)
Terphenyl-d14	63	(55 - 120)

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Bhate Environmental Associates

Client Sample ID: 0T32-SB03-25

GC/MS Semivolatiles

Lot-Sample #...: D7G240162-020 **Work Order #...:** J3FW51AQ **Matrix.....:** SO

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: 0T32-SB03-25A

GC/MS Semivolatiles

Lot-Sample #...: D7G240162-021 **Work Order #...:** J3FW71AQ **Matrix.....:** SO
Date Sampled...: 07/23/07 09:00 **Date Received..:** 07/24/07
Prep Date.....: 07/26/07 **Analysis Date..:** 07/31/07
Prep Batch #...: 7207139 **Analysis Time..:** 13:08
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	420	ug/kg	13
Acenaphthylene	ND	420	ug/kg	21
Acetophenone	ND	420	ug/kg	25
Anthracene	ND	420	ug/kg	21
Benzo(a)anthracene	ND	830	ug/kg	25
Benzo(b)fluoranthene	ND	830	ug/kg	33
Benzo(k)fluoranthene	ND	830	ug/kg	50
Benzo(ghi)perylene	ND	830	ug/kg	20
Benzo(a)pyrene	ND	830	ug/kg	25
bis(2-Chloroethoxy) methane	ND	420	ug/kg	29
bis(2-Chloroethyl)-ether	ND	830	ug/kg	21
bis(2-Ethylhexyl) phthalate	ND	830	ug/kg	58
4-Bromophenyl phenyl ether	ND	830	ug/kg	24
Butyl benzyl phthalate	ND	830	ug/kg	54
4-Chloroaniline	ND	1600	ug/kg	26
4-Chloro-3-methylphenol	ND	1600	ug/kg	30
2-Chloronaphthalene	ND	420	ug/kg	13
2-Chlorophenol	ND	830	ug/kg	26
4-Chlorophenyl phenyl ether	ND	830	ug/kg	26
Chrysene	ND	830	ug/kg	34
Dibenz(a,h)anthracene	ND	830	ug/kg	24
Dibenzofuran	ND	830	ug/kg	25
Di-n-butyl phthalate	ND	830	ug/kg	37
3,3'-Dichlorobenzidine	ND	1600	ug/kg	63
2,4-Dichlorophenol	ND	830	ug/kg	13
Diethyl phthalate	ND	830	ug/kg	33
2,4-Dimethylphenol	ND	830	ug/kg	33
Dimethyl phthalate	ND	830	ug/kg	29
4,6-Dinitro-2-methylphenol	ND	4200	ug/kg	63
2,4-Dinitrophenol	ND	4200	ug/kg	63
2,4-Dinitrotoluene	ND	830	ug/kg	29
2,6-Dinitrotoluene	ND	830	ug/kg	35

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Bhate Environmental Associates

Client Sample ID: 0T32-SB03-25A

GC/MS Semivolatiles

Lot-Sample #...: D7G240162-021 **Work Order #...:** J3FW71AQ **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	830	ug/kg	18
Fluoranthene	ND	830	ug/kg	45
Fluorene	ND	830	ug/kg	23
Hexachlorobenzene	ND	830	ug/kg	37
Hexachlorocyclopenta-diene	ND	830	ug/kg	63
Hexachloroethane	ND	830	ug/kg	27
Indeno(1,2,3-cd)pyrene	ND	830	ug/kg	28
2-Methylnaphthalene	ND	830	ug/kg	24
2-Methylphenol	ND	830	ug/kg	16
Naphthalene	ND	830	ug/kg	39
2-Nitroaniline	ND	4200	ug/kg	63
3-Nitroaniline	ND	4200	ug/kg	63
4-Nitroaniline	ND	4200	ug/kg	91
Nitrobenzene	ND	830	ug/kg	28
2-Nitrophenol	ND	830	ug/kg	13
4-Nitrophenol	ND	4200	ug/kg	54
N-Nitrosodiphenylamine	ND	830	ug/kg	26
N-Nitrosodi-n-propyl-amine	ND	830	ug/kg	39
Pentachlorophenol	ND	4200	ug/kg	140
Phenanthrene	ND	830	ug/kg	21
Phenol	ND	830	ug/kg	23
Pyrene	ND	830	ug/kg	15
2,4,5-Trichloro-phenol	ND	830	ug/kg	13
2,4,6-Trichloro-phenol	ND	830	ug/kg	13
bis(2-Chloroisopropyl) ether	ND	830	ug/kg	29
4-Methylphenol	ND	830	ug/kg	13
Hexachlorobutadiene	ND	830	ug/kg	13
Caprolactam	ND	2000	ug/kg	130
Atrazine	ND	420	ug/kg	47
Carbazole	ND	420	ug/kg	45

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	80	(53 - 120)
Phenol-d5	81	(52 - 120)
Nitrobenzene-d5	79	(50 - 120)
2-Fluorobiphenyl	77	(50 - 120)
2,4,6-Tribromophenol	73	(51 - 120)
Terphenyl-d14	84	(55 - 120)

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Bhate Environmental Associates

Client Sample ID: 0T32-SB03-25A

GC/MS Semivolatiles

Lot-Sample #...: D7G240162-021 **Work Order #...:** J3FW71AQ **Matrix.....:** SO

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: 0T32-SB03-15-D

GC/MS Semivolatiles

Lot-Sample #...: D7G240162-022 **Work Order #...:** J3FW91AE **Matrix.....:** WG
Date Sampled...: 07/23/07 08:00 **Date Received..:** 07/24/07
Prep Date.....: 07/25/07 **Analysis Date..:** 08/01/07
Prep Batch #...: 7206241 **Analysis Time..:** 21:38
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	10	ug/L	0.28
Acenaphthylene	ND	10	ug/L	0.49
Acetophenone	ND	10	ug/L	0.41
Anthracene	ND	10	ug/L	0.42
Benzo(a)anthracene	ND	10	ug/L	0.35
Benzo(b)fluoranthene	ND	10	ug/L	0.39
Benzo(k)fluoranthene	ND	10	ug/L	0.46
Benzo(ghi)perylene	ND	10	ug/L	0.50
Benzo(a)pyrene	ND	10	ug/L	0.74
bis(2-Chloroethoxy) methane	ND	10	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	10	ug/L	0.41
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	0.56
4-Bromophenyl phenyl ether	ND	10	ug/L	0.43
Butyl benzyl phthalate	ND	20	ug/L	1.0
4-Chloroaniline	ND	20	ug/L	2.0
4-Chloro-3-methylphenol	ND	20	ug/L	2.0
2-Chloronaphthalene	ND	10	ug/L	0.31
2-Chlorophenol	ND	10	ug/L	0.38
4-Chlorophenyl phenyl ether	ND	10	ug/L	0.65
Chrysene	ND	10	ug/L	0.54
Dibenz(a,h)anthracene	ND	10	ug/L	0.51
Dibenzofuran	ND	10	ug/L	0.29
Di-n-butyl phthalate	ND	20	ug/L	1.2
3,3'-Dichlorobenzidine	ND	20	ug/L	2.0
2,4-Dichlorophenol	ND	10	ug/L	1.3
Diethyl phthalate	ND	20	ug/L	0.38
2,4-Dimethylphenol	ND	10	ug/L	0.57
Dimethyl phthalate	ND	20	ug/L	1.0
4,6-Dinitro-2-methylphenol	ND	60	ug/L	0.35
2,4-Dinitrophenol	ND	60	ug/L	20
2,4-Dinitrotoluene	ND	20	ug/L	0.25
2,6-Dinitrotoluene	ND	20	ug/L	0.23

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Bhate Environmental Associates

Client Sample ID: 0T32-SB03-15-D

GC/MS Semivolatiles

Lot-Sample #...: D7G240162-022 **Work Order #...:** J3FW91AE **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	20	ug/L	0.35
Fluoranthene	ND	20	ug/L	0.20
Fluorene	ND	10	ug/L	0.31
Hexachlorobenzene	ND	10	ug/L	0.66
Hexachlorocyclopenta-diene	ND	10	ug/L	1.5
Hexachloroethane	ND	10	ug/L	0.46
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	0.65
2-Methylnaphthalene	ND	10	ug/L	0.29
2-Methylphenol	ND	10	ug/L	0.98
Naphthalene	ND	10	ug/L	0.29
2-Nitroaniline	ND	50	ug/L	0.32
3-Nitroaniline	ND	50	ug/L	2.0
4-Nitroaniline	ND	50	ug/L	1.0
Nitrobenzene	ND	20	ug/L	0.81
2-Nitrophenol	ND	20	ug/L	2.0
4-Nitrophenol	ND	50	ug/L	1.7
N-Nitrosodiphenylamine	ND	10	ug/L	0.44
N-Nitrosodi-n-propyl-amine	ND	20	ug/L	0.35
Pentachlorophenol	ND	60	ug/L	20
Phenanthrene	ND	10	ug/L	0.26
Phenol	ND	10	ug/L	0.31
Pyrene	ND	10	ug/L	0.37
2,4,5-Trichloro-phenol	ND	20	ug/L	0.39
2,4,6-Trichloro-phenol	ND	20	ug/L	0.37
bis(2-Chloroisopropyl) ether	ND	10	ug/L	0.43
4-Methylphenol	ND	20	ug/L	0.74
Hexachlorobutadiene	ND	10	ug/L	0.51
Caprolactam	ND	20	ug/L	5.0
Atrazine	ND	50	ug/L	5.0
Carbazole	ND	10	ug/L	0.43

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	49 *	(51 - 120)
Phenol-d5	53	(51 - 120)
Nitrobenzene-d5	50	(48 - 120)
2-Fluorobiphenyl	46 *	(49 - 120)
2,4,6-Tribromophenol	61	(57 - 120)
Terphenyl-d14	72	(61 - 120)

(Continued on next page)

Bhate Environmental Associates

Client Sample ID: 0T32-SB03-15-D

GC/MS Semivolatiles

Lot-Sample #...: D7G240162-022 **Work Order #...:** J3FW91AE **Matrix.....:** WG

NOTE(S):

* Surrogate recovery is outside stated control limits.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: 0T32-SB03-15-D

GC/MS Semivolatiles

Lot-Sample #...: D7G240162-022 **Work Order #...:** J3FW92AE **Matrix.....:** WG
Date Sampled...: 07/23/07 08:00 **Date Received..:** 07/24/07
Prep Date.....: 08/02/07 **Analysis Date..:** 08/07/07
Prep Batch #...: 7214361 **Analysis Time..:** 12:18
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	10	ug/L	0.28
Acenaphthylene	ND	10	ug/L	0.49
Acetophenone	ND	10	ug/L	0.41
Anthracene	ND	10	ug/L	0.42
Benzo(a)anthracene	ND	10	ug/L	0.35
Benzo(b)fluoranthene	ND	10	ug/L	0.39
Benzo(k)fluoranthene	ND	10	ug/L	0.46
Benzo(ghi)perylene	ND	10	ug/L	0.50
Benzo(a)pyrene	ND	10	ug/L	0.74
bis(2-Chloroethoxy) methane	ND	10	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	10	ug/L	0.41
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	0.56
4-Bromophenyl phenyl ether	ND	10	ug/L	0.43
Butyl benzyl phthalate	ND	20	ug/L	1.0
4-Chloroaniline	ND	20	ug/L	2.0
4-Chloro-3-methylphenol	ND	20	ug/L	2.0
2-Chloronaphthalene	ND	10	ug/L	0.31
2-Chlorophenol	ND	10	ug/L	0.38
4-Chlorophenyl phenyl ether	ND	10	ug/L	0.65
Chrysene	ND	10	ug/L	0.54
Dibenz(a,h)anthracene	ND	10	ug/L	0.51
Dibenzofuran	ND	10	ug/L	0.29
Di-n-butyl phthalate	ND	20	ug/L	1.2
3,3'-Dichlorobenzidine	ND	20	ug/L	2.0
2,4-Dichlorophenol	ND	10	ug/L	1.3
Diethyl phthalate	ND	20	ug/L	0.38
2,4-Dimethylphenol	ND	10	ug/L	0.57
Dimethyl phthalate	ND	20	ug/L	1.0
4,6-Dinitro-2-methylphenol	ND	60	ug/L	0.35
2,4-Dinitrophenol	ND	60	ug/L	20
2,4-Dinitrotoluene	ND	20	ug/L	0.25
2,6-Dinitrotoluene	ND	20	ug/L	0.23

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Bhate Environmental Associates

Client Sample ID: 0T32-SB03-15-D

GC/MS Semivolatiles

Lot-Sample #...: D7G240162-022 **Work Order #...:** J3FW92AE **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	20	ug/L	0.35
Fluoranthene	ND	20	ug/L	0.20
Fluorene	ND	10	ug/L	0.31
Hexachlorobenzene	ND	10	ug/L	0.66
Hexachlorocyclopenta-diene	ND	10	ug/L	1.5
Hexachloroethane	ND	10	ug/L	0.46
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	0.65
2-Methylnaphthalene	ND	10	ug/L	0.29
2-Methylphenol	ND	10	ug/L	0.98
Naphthalene	ND	10	ug/L	0.29
2-Nitroaniline	ND	50	ug/L	0.32
3-Nitroaniline	ND	50	ug/L	2.0
4-Nitroaniline	ND	50	ug/L	1.0
Nitrobenzene	ND	20	ug/L	0.81
2-Nitrophenol	ND	20	ug/L	2.0
4-Nitrophenol	ND	50	ug/L	1.7
N-Nitrosodiphenylamine	ND	10	ug/L	0.44
N-Nitrosodi-n-propyl-amine	ND	20	ug/L	0.35
Pentachlorophenol	ND	60	ug/L	20
Phenanthrene	ND	10	ug/L	0.26
Phenol	ND	10	ug/L	0.31
Pyrene	ND	10	ug/L	0.37
2,4,5-Trichloro-phenol	ND	20	ug/L	0.39
2,4,6-Trichloro-phenol	ND	20	ug/L	0.37
bis(2-Chloroisopropyl) ether	ND	10	ug/L	0.43
4-Methylphenol	ND	20	ug/L	0.74
Hexachlorobutadiene	ND	10	ug/L	0.51
Caprolactam	ND	20	ug/L	5.0
Atrazine	ND	50	ug/L	5.0
Carbazole	ND	10	ug/L	0.43

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	74	(51 - 120)
Phenol-d5	80	(51 - 120)
Nitrobenzene-d5	77	(48 - 120)
2-Fluorobiphenyl	68	(49 - 120)
2,4,6-Tribromophenol	89	(57 - 120)
Terphenyl-d14	101	(61 - 120)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: 0T32-SB02-10

GC/MS Semivolatiles

Lot-Sample #...: D7G240162-023 **Work Order #...:** J3FXM1AQ **Matrix.....:** SO
Date Sampled...: 07/23/07 10:45 **Date Received..:** 07/24/07
Prep Date.....: 07/26/07 **Analysis Date..:** 07/31/07
Prep Batch #...: 7207139 **Analysis Time..:** 13:29
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	380	ug/kg	12
Acenaphthylene	ND	380	ug/kg	20
Acetophenone	ND	380	ug/kg	23
Anthracene	ND	380	ug/kg	20
Benzo(a)anthracene	ND	760	ug/kg	23
Benzo(b)fluoranthene	ND	760	ug/kg	30
Benzo(k)fluoranthene	ND	760	ug/kg	46
Benzo(ghi)perylene	ND	760	ug/kg	19
Benzo(a)pyrene	ND	760	ug/kg	23
bis(2-Chloroethoxy) methane	ND	380	ug/kg	27
bis(2-Chloroethyl)-ether	ND	760	ug/kg	19
bis(2-Ethylhexyl) phthalate	ND	760	ug/kg	53
4-Bromophenyl phenyl ether	ND	760	ug/kg	22
Butyl benzyl phthalate	ND	760	ug/kg	50
4-Chloroaniline	ND	1500	ug/kg	24
4-Chloro-3-methylphenol	ND	1500	ug/kg	28
2-Chloronaphthalene	ND	380	ug/kg	12
2-Chlorophenol	ND	760	ug/kg	24
4-Chlorophenyl phenyl ether	ND	760	ug/kg	24
Chrysene	ND	760	ug/kg	31
Dibenz(a,h)anthracene	ND	760	ug/kg	22
Dibenzofuran	ND	760	ug/kg	23
Di-n-butyl phthalate	ND	760	ug/kg	34
3,3'-Dichlorobenzidine	ND	1500	ug/kg	58
2,4-Dichlorophenol	ND	760	ug/kg	12
Diethyl phthalate	ND	760	ug/kg	30
2,4-Dimethylphenol	ND	760	ug/kg	30
Dimethyl phthalate	ND	760	ug/kg	27
4,6-Dinitro-2-methylphenol	ND	3800	ug/kg	58
2,4-Dinitrophenol	ND	3800	ug/kg	58
2,4-Dinitrotoluene	ND	760	ug/kg	27
2,6-Dinitrotoluene	ND	760	ug/kg	32

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Bhate Environmental Associates

Client Sample ID: 0T32-SB02-10

GC/MS Semivolatiles

Lot-Sample #...: D7G240162-023 **Work Order #...:** J3FXM1AQ **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	760	ug/kg	17
Fluoranthene	ND	760	ug/kg	42
Fluorene	ND	760	ug/kg	21
Hexachlorobenzene	ND	760	ug/kg	34
Hexachlorocyclopenta-diene	ND	760	ug/kg	58
Hexachloroethane	ND	760	ug/kg	25
Indeno(1,2,3-cd)pyrene	ND	760	ug/kg	25
2-Methylnaphthalene	ND	760	ug/kg	22
2-Methylphenol	ND	760	ug/kg	15
Naphthalene	ND	760	ug/kg	36
2-Nitroaniline	ND	3800	ug/kg	58
3-Nitroaniline	ND	3800	ug/kg	58
4-Nitroaniline	ND	3800	ug/kg	84
Nitrobenzene	ND	760	ug/kg	25
2-Nitrophenol	ND	760	ug/kg	12
4-Nitrophenol	ND	3800	ug/kg	50
N-Nitrosodiphenylamine	ND	760	ug/kg	24
N-Nitrosodi-n-propyl-amine	ND	760	ug/kg	36
Pentachlorophenol	ND	3800	ug/kg	130
Phenanthrene	ND	760	ug/kg	20
Phenol	ND	760	ug/kg	21
Pyrene	ND	760	ug/kg	14
2,4,5-Trichloro-phenol	ND	760	ug/kg	12
2,4,6-Trichloro-phenol	ND	760	ug/kg	12
bis(2-Chloroisopropyl) ether	ND	760	ug/kg	27
4-Methylphenol	ND	760	ug/kg	12
Hexachlorobutadiene	ND	760	ug/kg	12
Caprolactam	ND	1900	ug/kg	120
Atrazine	ND	380	ug/kg	43
Carbazole	ND	380	ug/kg	42

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	69	(53 - 120)
Phenol-d5	68	(52 - 120)
Nitrobenzene-d5	64	(50 - 120)
2-Fluorobiphenyl	67	(50 - 120)
2,4,6-Tribromophenol	61	(51 - 120)
Terphenyl-d14	71	(55 - 120)

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Bhate Environmental Associates

Client Sample ID: 0T32-SB02-10

GC/MS Semivolatiles

Lot-Sample #...: D7G240162-023 **Work Order #...:** J3FXM1AQ **Matrix.....:** SO

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: 0T32-SB02-25

GC/MS Semivolatiles

Lot-Sample #...: D7G240162-024 **Work Order #...:** J3FXQ1AQ **Matrix.....:** SO
Date Sampled...: 07/23/07 11:00 **Date Received..:** 07/24/07
Prep Date.....: 07/26/07 **Analysis Date..:** 07/31/07
Prep Batch #...: 7207139 **Analysis Time..:** 13:50
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	420	ug/kg	13
Acenaphthylene	ND	420	ug/kg	22
Acetophenone	ND	420	ug/kg	26
Anthracene	ND	420	ug/kg	22
Benzo(a)anthracene	ND	850	ug/kg	26
Benzo(b)fluoranthene	ND	850	ug/kg	34
Benzo(k)fluoranthene	ND	850	ug/kg	51
Benzo(ghi)perylene	ND	850	ug/kg	21
Benzo(a)pyrene	ND	850	ug/kg	26
bis(2-Chloroethoxy) methane	ND	420	ug/kg	29
bis(2-Chloroethyl)-ether	ND	850	ug/kg	21
bis(2-Ethylhexyl) phthalate	ND	850	ug/kg	59
4-Bromophenyl phenyl ether	ND	850	ug/kg	24
Butyl benzyl phthalate	ND	850	ug/kg	55
4-Chloroaniline	ND	1700	ug/kg	27
4-Chloro-3-methylphenol	ND	1700	ug/kg	31
2-Chloronaphthalene	ND	420	ug/kg	13
2-Chlorophenol	ND	850	ug/kg	27
4-Chlorophenyl phenyl ether	ND	850	ug/kg	27
Chrysene	ND	850	ug/kg	35
Dibenz(a,h)anthracene	ND	850	ug/kg	24
Dibenzofuran	ND	850	ug/kg	26
Di-n-butyl phthalate	ND	850	ug/kg	37
3,3'-Dichlorobenzidine	ND	1700	ug/kg	64
2,4-Dichlorophenol	ND	850	ug/kg	13
Diethyl phthalate	ND	850	ug/kg	33
2,4-Dimethylphenol	ND	850	ug/kg	33
Dimethyl phthalate	ND	850	ug/kg	29
4,6-Dinitro-2-methylphenol	ND	4200	ug/kg	64
2,4-Dinitrophenol	ND	4200	ug/kg	64
2,4-Dinitrotoluene	ND	850	ug/kg	29
2,6-Dinitrotoluene	ND	850	ug/kg	36

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Bhate Environmental Associates

Client Sample ID: 0T32-SB02-25

GC/MS Semivolatiles

Lot-Sample #...: D7G240162-024 **Work Order #...:** J3FXQ1AQ **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	850	ug/kg	18
Fluoranthene	ND	850	ug/kg	46
Fluorene	ND	850	ug/kg	23
Hexachlorobenzene	ND	850	ug/kg	37
Hexachlorocyclopenta-diene	ND	850	ug/kg	64
Hexachloroethane	ND	850	ug/kg	27
Indeno(1,2,3-cd)pyrene	ND	850	ug/kg	28
2-Methylnaphthalene	ND	850	ug/kg	24
2-Methylphenol	ND	850	ug/kg	17
Naphthalene	ND	850	ug/kg	40
2-Nitroaniline	ND	4200	ug/kg	64
3-Nitroaniline	ND	4200	ug/kg	64
4-Nitroaniline	ND	4200	ug/kg	93
Nitrobenzene	ND	850	ug/kg	28
2-Nitrophenol	ND	850	ug/kg	13
4-Nitrophenol	ND	4200	ug/kg	55
N-Nitrosodiphenylamine	ND	850	ug/kg	27
N-Nitrosodi-n-propyl-amine	ND	850	ug/kg	40
Pentachlorophenol	ND	4200	ug/kg	140
Phenanthrene	ND	850	ug/kg	22
Phenol	ND	850	ug/kg	23
Pyrene	ND	850	ug/kg	16
2,4,5-Trichloro-phenol	ND	850	ug/kg	13
2,4,6-Trichloro-phenol	ND	850	ug/kg	13
bis(2-Chloroisopropyl) ether	ND	850	ug/kg	29
4-Methylphenol	ND	850	ug/kg	13
Hexachlorobutadiene	ND	850	ug/kg	13
Caprolactam	ND	2100	ug/kg	140
Atrazine	ND	420	ug/kg	47
Carbazole	ND	420	ug/kg	46

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	47 *	(53 - 120)
Phenol-d5	47 *	(52 - 120)
Nitrobenzene-d5	43 *	(50 - 120)
2-Fluorobiphenyl	46 *	(50 - 120)
2,4,6-Tribromophenol	40 *	(51 - 120)
Terphenyl-d14	53 *	(55 - 120)

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Bhate Environmental Associates

Client Sample ID: 0T32-SB02-25

GC/MS Semivolatiles

Lot-Sample #...: D7G240162-024 **Work Order #...:** J3FXQ1AQ **Matrix.....:** SO

NOTE(S):

* Surrogate recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: 0T32-SB01-15-D

GC/MS Semivolatiles

Lot-Sample #...: D7G240162-025 **Work Order #...:** J3F0F1AE **Matrix.....:** WG
Date Sampled...: 07/23/07 12:10 **Date Received..:** 07/24/07
Prep Date.....: 07/25/07 **Analysis Date..:** 08/06/07
Prep Batch #...: 7206241 **Analysis Time..:** 07:59
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	10	ug/L	0.28
Acenaphthylene	ND	10	ug/L	0.49
Acetophenone	ND	10	ug/L	0.41
Anthracene	ND	10	ug/L	0.42
Benzo(a)anthracene	ND	10	ug/L	0.35
Benzo(b)fluoranthene	ND	10	ug/L	0.39
Benzo(k)fluoranthene	ND	10	ug/L	0.46
Benzo(ghi)perylene	ND	10	ug/L	0.50
Benzo(a)pyrene	ND	10	ug/L	0.74
bis(2-Chloroethoxy) methane	ND	10	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	10	ug/L	0.41
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	0.56
4-Bromophenyl phenyl ether	ND	10	ug/L	0.43
Butyl benzyl phthalate	ND	20	ug/L	1.0
4-Chloroaniline	ND	20	ug/L	2.0
4-Chloro-3-methylphenol	ND	20	ug/L	2.0
2-Chloronaphthalene	ND	10	ug/L	0.31
2-Chlorophenol	ND	10	ug/L	0.38
4-Chlorophenyl phenyl ether	ND	10	ug/L	0.65
Chrysene	ND	10	ug/L	0.54
Dibenz(a,h)anthracene	ND	10	ug/L	0.51
Dibenzofuran	ND	10	ug/L	0.29
Di-n-butyl phthalate	ND	20	ug/L	1.2
3,3'-Dichlorobenzidine	ND	20	ug/L	2.0
2,4-Dichlorophenol	ND	10	ug/L	1.3
Diethyl phthalate	ND	20	ug/L	0.38
2,4-Dimethylphenol	ND	10	ug/L	0.57
Dimethyl phthalate	ND	20	ug/L	1.0
4,6-Dinitro-2-methylphenol	ND	60	ug/L	0.35
2,4-Dinitrophenol	ND	60	ug/L	20
2,4-Dinitrotoluene	ND	20	ug/L	0.25
2,6-Dinitrotoluene	ND	20	ug/L	0.23

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Bhate Environmental Associates

Client Sample ID: 0T32-SB01-15-D

GC/MS Semivolatiles

Lot-Sample #...: D7G240162-025 **Work Order #...:** J3F0F1AE **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	20	ug/L	0.35
Fluoranthene	ND	20	ug/L	0.20
Fluorene	ND	10	ug/L	0.31
Hexachlorobenzene	ND	10	ug/L	0.66
Hexachlorocyclopenta-diene	ND	10	ug/L	1.5
Hexachloroethane	ND	10	ug/L	0.46
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	0.65
2-Methylnaphthalene	ND	10	ug/L	0.29
2-Methylphenol	ND	10	ug/L	0.98
Naphthalene	ND	10	ug/L	0.29
2-Nitroaniline	ND	50	ug/L	0.32
3-Nitroaniline	ND	50	ug/L	2.0
4-Nitroaniline	ND	50	ug/L	1.0
Nitrobenzene	ND	20	ug/L	0.81
2-Nitrophenol	ND	20	ug/L	2.0
4-Nitrophenol	ND	50	ug/L	1.7
N-Nitrosodiphenylamine	ND	10	ug/L	0.44
N-Nitrosodi-n-propyl-amine	ND	20	ug/L	0.35
Pentachlorophenol	ND	60	ug/L	20
Phenanthrene	ND	10	ug/L	0.26
Phenol	ND	10	ug/L	0.31
Pyrene	ND	10	ug/L	0.37
2,4,5-Trichloro-phenol	ND	20	ug/L	0.39
2,4,6-Trichloro-phenol	ND	20	ug/L	0.37
bis(2-Chloroisopropyl) ether	ND	10	ug/L	0.43
4-Methylphenol	ND	20	ug/L	0.74
Hexachlorobutadiene	ND	10	ug/L	0.51
Caprolactam	ND	20	ug/L	5.0
Atrazine	ND	50	ug/L	5.0
Carbazole	ND	10	ug/L	0.43

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	61	(51 - 120)
Phenol-d5	63	(51 - 120)
Nitrobenzene-d5	61	(48 - 120)
2-Fluorobiphenyl	59	(49 - 120)
2,4,6-Tribromophenol	63	(57 - 120)
Terphenyl-d14	71	(61 - 120)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: 0T32-SB01-15

GC/MS Semivolatiles

Lot-Sample #...: D7G240162-026 **Work Order #...:** J3F0L1AQ **Matrix.....:** SO
Date Sampled...: 07/23/07 12:00 **Date Received..:** 07/24/07
Prep Date.....: 07/26/07 **Analysis Date..:** 07/31/07
Prep Batch #...: 7207139 **Analysis Time..:** 15:37
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	390	ug/kg	12
Acenaphthylene	ND	390	ug/kg	20
Acetophenone	ND	390	ug/kg	24
Anthracene	ND	390	ug/kg	20
Benzo(a)anthracene	ND	780	ug/kg	24
Benzo(b)fluoranthene	ND	780	ug/kg	31
Benzo(k)fluoranthene	ND	780	ug/kg	47
Benzo(ghi)perylene	ND	780	ug/kg	19
Benzo(a)pyrene	ND	780	ug/kg	24
bis(2-Chloroethoxy) methane	ND	390	ug/kg	27
bis(2-Chloroethyl)-ether	ND	780	ug/kg	20
bis(2-Ethylhexyl) phthalate	ND	780	ug/kg	54
4-Bromophenyl phenyl ether	ND	780	ug/kg	22
Butyl benzyl phthalate	ND	780	ug/kg	51
4-Chloroaniline	ND	1500	ug/kg	24
4-Chloro-3-methylphenol	ND	1500	ug/kg	28
2-Chloronaphthalene	ND	390	ug/kg	12
2-Chlorophenol	ND	780	ug/kg	25
4-Chlorophenyl phenyl ether	ND	780	ug/kg	25
Chrysene	ND	780	ug/kg	32
Dibenz(a,h)anthracene	ND	780	ug/kg	22
Dibenzofuran	ND	780	ug/kg	24
Di-n-butyl phthalate	ND	780	ug/kg	34
3,3'-Dichlorobenzidine	ND	1500	ug/kg	59
2,4-Dichlorophenol	ND	780	ug/kg	12
Diethyl phthalate	ND	780	ug/kg	31
2,4-Dimethylphenol	ND	780	ug/kg	31
Dimethyl phthalate	ND	780	ug/kg	27
4,6-Dinitro-2-methylphenol	ND	3900	ug/kg	59
2,4-Dinitrophenol	ND	3900	ug/kg	59
2,4-Dinitrotoluene	ND	780	ug/kg	27
2,6-Dinitrotoluene	ND	780	ug/kg	33

(Continued on next page)

Bhate Environmental Associates

Client Sample ID: 0T32-SB01-15

GC/MS Semivolatiles

Lot-Sample #...: D7G240162-026 **Work Order #...:** J3F0L1AQ **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	780	ug/kg	17
Fluoranthene	ND	780	ug/kg	42
Fluorene	ND	780	ug/kg	21
Hexachlorobenzene	ND	780	ug/kg	34
Hexachlorocyclopenta-diene	ND	780	ug/kg	59
Hexachloroethane	ND	780	ug/kg	25
Indeno(1,2,3-cd)pyrene	ND	780	ug/kg	26
2-Methylnaphthalene	ND	780	ug/kg	22
2-Methylphenol	ND	780	ug/kg	15
Naphthalene	ND	780	ug/kg	36
2-Nitroaniline	ND	3900	ug/kg	59
3-Nitroaniline	ND	3900	ug/kg	59
4-Nitroaniline	ND	3900	ug/kg	85
Nitrobenzene	ND	780	ug/kg	26
2-Nitrophenol	ND	780	ug/kg	12
4-Nitrophenol	ND	3900	ug/kg	51
N-Nitrosodiphenylamine	ND	780	ug/kg	25
N-Nitrosodi-n-propyl-amine	ND	780	ug/kg	36
Pentachlorophenol	ND	3900	ug/kg	130
Phenanthrene	ND	780	ug/kg	20
Phenol	ND	780	ug/kg	21
Pyrene	ND	780	ug/kg	14
2,4,5-Trichloro-phenol	ND	780	ug/kg	12
2,4,6-Trichloro-phenol	ND	780	ug/kg	12
bis(2-Chloroisopropyl) ether	ND	780	ug/kg	27
4-Methylphenol	ND	780	ug/kg	12
Hexachlorobutadiene	ND	780	ug/kg	12
Caprolactam	ND	1900	ug/kg	120
Atrazine	ND	390	ug/kg	43
Carbazole	ND	390	ug/kg	42

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	67	(53 - 120)
Phenol-d5	64	(52 - 120)
Nitrobenzene-d5	64	(50 - 120)
2-Fluorobiphenyl	65	(50 - 120)
2,4,6-Tribromophenol	58	(51 - 120)
Terphenyl-d14	70	(55 - 120)

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Bhate Environmental Associates

Client Sample ID: 0T32-SB01-15

GC/MS Semivolatiles

Lot-Sample #...: D7G240162-026 **Work Order #...:** J3F0L1AQ **Matrix.....:** SO

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: 0T32-SB01-25

GC/MS Semivolatiles

Lot-Sample #...: D7G240162-027 **Work Order #...:** J3F0M1AQ **Matrix.....:** SO
Date Sampled...: 07/23/07 12:15 **Date Received..:** 07/24/07
Prep Date.....: 07/26/07 **Analysis Date..:** 07/31/07
Prep Batch #...: 7207139 **Analysis Time..:** 15:58
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	410	ug/kg	13
Acenaphthylene	ND	410	ug/kg	21
Acetophenone	ND	410	ug/kg	25
Anthracene	ND	410	ug/kg	21
Benzo(a)anthracene	ND	830	ug/kg	25
Benzo(b)fluoranthene	ND	830	ug/kg	33
Benzo(k)fluoranthene	ND	830	ug/kg	50
Benzo(ghi)perylene	ND	830	ug/kg	20
Benzo(a)pyrene	ND	830	ug/kg	25
bis(2-Chloroethoxy) methane	ND	410	ug/kg	29
bis(2-Chloroethyl)-ether	ND	830	ug/kg	21
bis(2-Ethylhexyl) phthalate	ND	830	ug/kg	58
4-Bromophenyl phenyl ether	ND	830	ug/kg	24
Butyl benzyl phthalate	ND	830	ug/kg	54
4-Chloroaniline	ND	1600	ug/kg	26
4-Chloro-3-methylphenol	ND	1600	ug/kg	30
2-Chloronaphthalene	ND	410	ug/kg	13
2-Chlorophenol	ND	830	ug/kg	26
4-Chlorophenyl phenyl ether	ND	830	ug/kg	26
Chrysene	ND	830	ug/kg	34
Dibenz(a,h)anthracene	ND	830	ug/kg	24
Dibenzofuran	ND	830	ug/kg	25
Di-n-butyl phthalate	ND	830	ug/kg	36
3,3'-Dichlorobenzidine	ND	1600	ug/kg	63
2,4-Dichlorophenol	ND	830	ug/kg	13
Diethyl phthalate	ND	830	ug/kg	33
2,4-Dimethylphenol	ND	830	ug/kg	33
Dimethyl phthalate	ND	830	ug/kg	29
4,6-Dinitro-2-methylphenol	ND	4100	ug/kg	63
2,4-Dinitrophenol	ND	4100	ug/kg	63
2,4-Dinitrotoluene	ND	830	ug/kg	29
2,6-Dinitrotoluene	ND	830	ug/kg	35

(Continued on next page)

Bhate Environmental Associates

Client Sample ID: 0T32-SB01-25

GC/MS Semivolatiles

Lot-Sample #...: D7G240162-027 **Work Order #...:** J3F0M1AQ **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	830	ug/kg	18
Fluoranthene	ND	830	ug/kg	45
Fluorene	ND	830	ug/kg	23
Hexachlorobenzene	ND	830	ug/kg	36
Hexachlorocyclopenta-diene	ND	830	ug/kg	63
Hexachloroethane	ND	830	ug/kg	27
Indeno(1,2,3-cd)pyrene	ND	830	ug/kg	28
2-Methylnaphthalene	ND	830	ug/kg	24
2-Methylphenol	ND	830	ug/kg	16
Naphthalene	ND	830	ug/kg	39
2-Nitroaniline	ND	4100	ug/kg	63
3-Nitroaniline	ND	4100	ug/kg	63
4-Nitroaniline	ND	4100	ug/kg	91
Nitrobenzene	ND	830	ug/kg	28
2-Nitrophenol	ND	830	ug/kg	13
4-Nitrophenol	ND	4100	ug/kg	54
N-Nitrosodiphenylamine	ND	830	ug/kg	26
N-Nitrosodi-n-propyl-amine	ND	830	ug/kg	39
Pentachlorophenol	ND	4100	ug/kg	140
Phenanthrene	ND	830	ug/kg	21
Phenol	ND	830	ug/kg	23
Pyrene	ND	830	ug/kg	15
2,4,5-Trichloro-phenol	ND	830	ug/kg	13
2,4,6-Trichloro-phenol	ND	830	ug/kg	13
bis(2-Chloroisopropyl) ether	ND	830	ug/kg	29
4-Methylphenol	ND	830	ug/kg	13
Hexachlorobutadiene	ND	830	ug/kg	13
Caprolactam	ND	2000	ug/kg	130
Atrazine	ND	410	ug/kg	46
Carbazole	ND	410	ug/kg	45

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	67	(53 - 120)
Phenol-d5	68	(52 - 120)
Nitrobenzene-d5	62	(50 - 120)
2-Fluorobiphenyl	66	(50 - 120)
2,4,6-Tribromophenol	58	(51 - 120)
Terphenyl-d14	71	(55 - 120)

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Bhate Environmental Associates

Client Sample ID: 0T32-SB01-25

GC/MS Semivolatiles

Lot-Sample #...: D7G240162-027 **Work Order #...:** J3F0M1AQ **Matrix.....:** SO

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: 0T32-SB03-15

GC Volatiles

Lot-Sample #...: D7G240162-019 **Work Order #...:** J3FWR1A6 **Matrix.....:** SO
Date Sampled...: 07/23/07 08:30 **Date Received..:** 07/24/07
Prep Date.....: 07/27/07 **Analysis Date..:** 07/31/07
Prep Batch #...: 7214542 **Analysis Time..:** 20:56
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Gasoline Range Organics	ND	1.5	mg/kg	0.40

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	87	(77 - 123)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Bhate Environmental Associates

Client Sample ID: 0T32-SB03-25

GC Volatiles

Lot-Sample #...: D7G240162-020 **Work Order #...:** J3FW51AH **Matrix.....:** SO
Date Sampled...: 07/23/07 09:00 **Date Received..:** 07/24/07
Prep Date.....: 07/27/07 **Analysis Date..:** 07/31/07
Prep Batch #...: 7214542 **Analysis Time..:** 21:37
Dilution Factor: 1
Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Gasoline Range Organics	ND	1.5	mg/kg	0.41

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	85	(77 - 123)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Bhate Environmental Associates

Client Sample ID: 0T32-SB03-25A

GC Volatiles

Lot-Sample #...: D7G240162-021 **Work Order #...:** J3FW71AH **Matrix.....:** SO
Date Sampled...: 07/23/07 09:00 **Date Received..:** 07/24/07
Prep Date.....: 07/27/07 **Analysis Date..:** 08/01/07
Prep Batch #...: 7214542 **Analysis Time..:** 09:44
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Gasoline Range Organics	ND	1.5	mg/kg	0.41

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	92	(77 - 123)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Bhate Environmental Associates

Client Sample ID: 0T32-SB03-15-D

GC Volatiles

Lot-Sample #...: D7G240162-022 **Work Order #...:** J3FW91A7 **Matrix.....:** WG
Date Sampled...: 07/23/07 08:00 **Date Received..:** 07/24/07
Prep Date.....: 07/25/07 **Analysis Date..:** 07/25/07
Prep Batch #...: 7209105 **Analysis Time..:** 12:43
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Gasoline Range Organics	ND	25	ug/L	4.9

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	97	(82 - 110)

Bhate Environmental Associates

Client Sample ID: 0T32-SB02-10

GC Volatiles

Lot-Sample #...: D7G240162-023 **Work Order #...:** J3FXM1AH **Matrix.....:** SO
Date Sampled...: 07/23/07 10:45 **Date Received..:** 07/24/07
Prep Date.....: 07/27/07 **Analysis Date..:** 07/31/07
Prep Batch #...: 7214542 **Analysis Time..:** 23:40
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Gasoline Range Organics	ND	1.4	mg/kg	0.38

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	91	(77 - 123)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Bhate Environmental Associates

Client Sample ID: 0T32-SB02-25

GC Volatiles

Lot-Sample #...: D7G240162-024 **Work Order #...:** J3FXQ1AH **Matrix.....:** SO
Date Sampled...: 07/23/07 11:00 **Date Received..:** 07/24/07
Prep Date.....: 07/27/07 **Analysis Date..:** 08/01/07
Prep Batch #...: 7214542 **Analysis Time..:** 00:21
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Gasoline Range Organics	ND	1.5	mg/kg	0.42

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	84	(77 - 123)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Bhate Environmental Associates

Client Sample ID: 0T32-SB01-15-D

GC Volatiles

Lot-Sample #...: D7G240162-025 **Work Order #...:** J3F0F1A7 **Matrix.....:** WG
Date Sampled...: 07/23/07 12:10 **Date Received..:** 07/24/07
Prep Date.....: 07/25/07 **Analysis Date..:** 07/25/07
Prep Batch #...: 7209105 **Analysis Time..:** 14:18
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Gasoline Range Organics	ND	25	ug/L	4.9

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	89	(82 - 110)

Bhate Environmental Associates

Client Sample ID: 0T32-SB01-15

GC Volatiles

Lot-Sample #...: D7G240162-026 **Work Order #...:** J3F0L1AH **Matrix.....:** SO
Date Sampled...: 07/23/07 12:00 **Date Received..:** 07/24/07
Prep Date.....: 07/27/07 **Analysis Date..:** 08/01/07
Prep Batch #...: 7214542 **Analysis Time..:** 02:24
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Gasoline Range Organics	ND	1.4	mg/kg	0.38

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	94	(77 - 123)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Bhate Environmental Associates

Client Sample ID: 0T32-SB01-25

GC Volatiles

Lot-Sample #...: D7G240162-027 **Work Order #...:** J3F0M1AH **Matrix.....:** SO
Date Sampled...: 07/23/07 12:15 **Date Received..:** 07/24/07
Prep Date.....: 07/27/07 **Analysis Date..:** 08/01/07
Prep Batch #...: 7214542 **Analysis Time..:** 03:04
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Gasoline Range Organics	ND	1.5	mg/kg	0.41

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	86	(77 - 123)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Bhate Environmental Associates

Client Sample ID: 0T32-SB03-15

GC Semivolatiles

Lot-Sample #...: D7G240162-019 **Work Order #...:** J3FWR1A7 **Matrix.....:** SO
Date Sampled...: 07/23/07 08:30 **Date Received..:** 07/24/07
Prep Date.....: 07/25/07 **Analysis Date..:** 07/28/07
Prep Batch #...: 7205520 **Analysis Time..:** 18:01
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Diesel Range Organics (C10-C22)	**2.2 J,B**	**4.9**	**mg/kg**	**1.2**
Motor Oil Range Organics (C22-C36)	ND	4.9	mg/kg	1.2

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	73	(45 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: 0T32-SB03-25

GC Semivolatiles

Lot-Sample #...: D7G240162-020 **Work Order #...:** J3FW51AJ **Matrix.....:** SO
Date Sampled...: 07/23/07 09:00 **Date Received..:** 07/24/07
Prep Date.....: 07/25/07 **Analysis Date..:** 07/28/07
Prep Batch #...: 7205520 **Analysis Time..:** 18:38
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Diesel Range Organics (C10-C22)	**2.2 J,B**	**5.0**	**mg/kg**	**1.2**
Motor Oil Range Organics (C22-C36)	ND	5.0	mg/kg	1.2

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	56	(45 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: 0T32-SB03-25A

GC Semivolatiles

Lot-Sample #...: D7G240162-021 **Work Order #...:** J3FW71AJ **Matrix.....:** SO
Date Sampled...: 07/23/07 09:00 **Date Received..:** 07/24/07
Prep Date.....: 07/25/07 **Analysis Date..:** 07/28/07
Prep Batch #...: 7205520 **Analysis Time..:** 19:16
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Diesel Range Organics (C10-C22)	**2.2 J,B**	**5.0**	**mg/kg**	**1.3**
Motor Oil Range Organics (C22-C36)	ND	5.0	mg/kg	1.3

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	73	(45 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: 0T32-SB03-15-D

GC Semivolatiles

Lot-Sample #...: D7G240162-022 **Work Order #...:** J3FW91A8 **Matrix.....:** WG
Date Sampled...: 07/23/07 08:00 **Date Received..:** 07/24/07
Prep Date.....: 07/25/07 **Analysis Date..:** 07/31/07
Prep Batch #...: 7206582 **Analysis Time..:** 01:33
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Motor Oil Range Organics (C22-C36)	ND	0.25	mg/L	0.032
Diesel Range Organics (C10-C22)	**0.050 J,B**	**0.25**	**mg/L**	**0.032**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	76	(48 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: 0T32-SB02-10

GC Semivolatiles

Lot-Sample #...: D7G240162-023 **Work Order #...:** J3FXM1AJ **Matrix.....:** SO
Date Sampled...: 07/23/07 10:45 **Date Received..:** 07/24/07
Prep Date.....: 07/25/07 **Analysis Date..:** 07/28/07
Prep Batch #...: 7205520 **Analysis Time..:** 19:53
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Diesel Range Organics (C10-C22)	**2.0 J,B**	**4.6**	**mg/kg**	**1.2**
Motor Oil Range Organics (C22-C36)	ND	4.6	mg/kg	1.2

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	74	(45 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: 0T32-SB02-25

GC Semivolatiles

Lot-Sample #...: D7G240162-024 **Work Order #...:** J3FXQ1AJ **Matrix.....:** SO
Date Sampled...: 07/23/07 11:00 **Date Received..:** 07/24/07
Prep Date.....: 07/25/07 **Analysis Date..:** 07/28/07
Prep Batch #...: 7205520 **Analysis Time..:** 20:30
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Diesel Range Organics (C10-C22)	**2.1 J,B**	**5.1**	**mg/kg**	**1.3**
Motor Oil Range Organics (C22-C36)	ND	5.1	mg/kg	1.3

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	71	(45 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: 0T32-SB01-15-D

GC Semivolatiles

Lot-Sample #...: D7G240162-025 **Work Order #...:** J3F0F1A8 **Matrix.....:** WG
Date Sampled...: 07/23/07 12:10 **Date Received..:** 07/24/07
Prep Date.....: 07/25/07 **Analysis Date..:** 07/31/07
Prep Batch #...: 7206582 **Analysis Time..:** 02:11
Dilution Factor: 1
Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Motor Oil Range Organics (C22-C36)	ND	0.25	mg/L	0.032
Diesel Range Organics (C10-C22)	**0.052 J,B**	**0.25**	**mg/L**	**0.032**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	78	(48 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: 0T32-SB01-15

GC Semivolatiles

Lot-Sample #...: D7G240162-026 **Work Order #...:** J3F0L1AJ **Matrix.....:** SO
Date Sampled...: 07/23/07 12:00 **Date Received..:** 07/24/07
Prep Date.....: 07/25/07 **Analysis Date..:** 07/30/07
Prep Batch #...: 7205520 **Analysis Time..:** 18:43
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Diesel Range Organics (C10-C22)	**2.1 J,B**	**4.7**	**mg/kg**	**1.2**
Motor Oil Range Organics (C22-C36)	ND	4.7	mg/kg	1.2

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	80	(45 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: 0T32-SB01-25

GC Semivolatiles

Lot-Sample #...: D7G240162-027 **Work Order #...:** J3F0M1AJ **Matrix.....:** SO
Date Sampled...: 07/23/07 12:15 **Date Received..:** 07/24/07
Prep Date.....: 07/25/07 **Analysis Date..:** 07/30/07
Prep Batch #...: 7205520 **Analysis Time..:** 19:20
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Diesel Range Organics (C10-C22)	**2.2 J,B**	**5.0**	**mg/kg**	**1.2**
Motor Oil Range Organics (C22-C36)	ND	5.0	mg/kg	1.2

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	73	(45 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: 0T32-TMW08

TOTAL Metals

Lot-Sample #...: D7G240162-001 **Matrix.....:** WG
Date Sampled...: 07/20/07 15:17 **Date Received..:** 07/24/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7208137						
Silver	ND	10	ug/L	SW846 6010B	07/31-08/01/07	J3FTR1AC
		Dilution Factor: 1		Analysis Time..: 16:25	MDL.....: 2.8	
Aluminum	ND	100	ug/L	SW846 6010B	07/31-08/01/07	J3FTR1AD
		Dilution Factor: 1		Analysis Time..: 16:25	MDL.....: 18	
Arsenic	ND	15	ug/L	SW846 6010B	07/31-08/01/07	J3FTR1AE
		Dilution Factor: 1		Analysis Time..: 16:25	MDL.....: 4.4	
Barium	**140**	**10**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FTR1AF**
		Dilution Factor: 1		Analysis Time..: 16:25	MDL.....: 1.0	
Beryllium	ND	5.0	ug/L	SW846 6010B	07/31-08/01/07	J3FTR1AG
		Dilution Factor: 1		Analysis Time..: 16:25	MDL.....: 0.47	
Calcium	**830000 J**	**200**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FTR1AH**
		Dilution Factor: 1		Analysis Time..: 16:25	MDL.....: 34	
Cadmium	**1.1 B**	**5.0**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FTR1AJ**
		Dilution Factor: 1		Analysis Time..: 16:25	MDL.....: 0.45	
Cobalt	**2.0 B**	**10**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FTR1AK**
		Dilution Factor: 1		Analysis Time..: 16:25	MDL.....: 1.2	
Chromium	ND	10	ug/L	SW846 6010B	07/31-08/01/07	J3FTR1AL
		Dilution Factor: 1		Analysis Time..: 16:25	MDL.....: 2.6	
Copper	ND	15	ug/L	SW846 6010B	07/31-08/01/07	J3FTR1AM
		Dilution Factor: 1		Analysis Time..: 16:25	MDL.....: 4.5	
Iron	ND	100	ug/L	SW846 6010B	07/31-08/01/07	J3FTR1AN
		Dilution Factor: 1		Analysis Time..: 16:25	MDL.....: 22	
Potassium	**15000 L**	**3000**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FTR1AP**
		Dilution Factor: 1		Analysis Time..: 16:25	MDL.....: 240	
Magnesium	**620000**	**200**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FTR1AQ**
		Dilution Factor: 1		Analysis Time..: 16:25	MDL.....: 43	

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Bhate Environmental Associates

Client Sample ID: 0T32-TMW08

TOTAL Metals

Lot-Sample #...: D7G240162-001 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	**580**	**10**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FTR1AR**
		Dilution Factor: 1		Analysis Time..: 16:25	MDL.....: 1.8	
Sodium	**3500000 J**	**1000**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FTR1AT**
		Dilution Factor: 1		Analysis Time..: 16:25	MDL.....: 92	
Nickel	ND	40	ug/L	SW846 6010B	07/31-08/01/07	J3FTR1AU
		Dilution Factor: 1		Analysis Time..: 16:25	MDL.....: 7.8	
Lead	ND	9.0	ug/L	SW846 6010B	07/31-08/01/07	J3FTR1AV
		Dilution Factor: 1		Analysis Time..: 16:25	MDL.....: 2.6	
Antimony	ND	10	ug/L	SW846 6010B	07/31-08/01/07	J3FTR1AW
		Dilution Factor: 1		Analysis Time..: 16:25	MDL.....: 3.1	
Selenium	**14 B**	**15**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FTR1AX**
		Dilution Factor: 1		Analysis Time..: 16:25	MDL.....: 4.9	
Thallium	ND	15	ug/L	SW846 6010B	07/31-08/01/07	J3FTR1A0
		Dilution Factor: 1		Analysis Time..: 16:25	MDL.....: 4.9	
Vanadium	**4.5 B**	**10**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FTR1A1**
		Dilution Factor: 1		Analysis Time..: 16:25	MDL.....: 2.5	
Zinc	**130 J**	**20**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FTR1A2**
		Dilution Factor: 1		Analysis Time..: 16:25	MDL.....: 4.5	

Prep Batch #...: 7209156

Mercury	**0.037 B,J**	**0.20**	**ug/L**	**SW846 7470A**	**08/02-08/03/07**	**J3FTR1AA**
		Dilution Factor: 1		Analysis Time..: 02:40	MDL.....: 0.027	

NOTE(S):

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

L Serial dilution of a digestate in the analytical batch indicates that physical and chemical interferences are present.

Bhate Environmental Associates

Client Sample ID: 0T32-TMW07

TOTAL Metals

Lot-Sample #...: D7G240162-002 **Matrix.....:** WG
Date Sampled...: 07/20/07 15:50 **Date Received..:** 07/24/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7208137						
Silver	ND	10	ug/L	SW846 6010B	07/31-08/01/07	J3FT01AK
		Dilution Factor: 1		Analysis Time..: 16:31	MDL.....: 2.8	
Aluminum	ND	100	ug/L	SW846 6010B	07/31-08/01/07	J3FT01AL
		Dilution Factor: 1		Analysis Time..: 16:31	MDL.....: 18	
Arsenic	ND	15	ug/L	SW846 6010B	07/31-08/01/07	J3FT01AM
		Dilution Factor: 1		Analysis Time..: 16:31	MDL.....: 4.4	
Barium	**120**	**10**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FT01AN**
		Dilution Factor: 1		Analysis Time..: 16:31	MDL.....: 1.0	
Beryllium	ND	5.0	ug/L	SW846 6010B	07/31-08/01/07	J3FT01AP
		Dilution Factor: 1		Analysis Time..: 16:31	MDL.....: 0.47	
Calcium	**780000 J**	**200**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FT01AQ**
		Dilution Factor: 1		Analysis Time..: 16:31	MDL.....: 34	
Cadmium	**0.80 B**	**5.0**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FT01AR**
		Dilution Factor: 1		Analysis Time..: 16:31	MDL.....: 0.45	
Cobalt	**1.8 B**	**10**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FT01AT**
		Dilution Factor: 1		Analysis Time..: 16:31	MDL.....: 1.2	
Chromium	ND	10	ug/L	SW846 6010B	07/31-08/01/07	J3FT01AU
		Dilution Factor: 1		Analysis Time..: 16:31	MDL.....: 2.6	
Copper	**20**	**15**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FT01AV**
		Dilution Factor: 1		Analysis Time..: 16:31	MDL.....: 4.5	
Iron	**53 B**	**100**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FT01AW**
		Dilution Factor: 1		Analysis Time..: 16:31	MDL.....: 22	
Potassium	**11000 L**	**3000**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FT01AX**
		Dilution Factor: 1		Analysis Time..: 16:31	MDL.....: 240	
Magnesium	**510000**	**200**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FT01A0**
		Dilution Factor: 1		Analysis Time..: 16:31	MDL.....: 43	

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Bhate Environmental Associates

Client Sample ID: 0T32-TMW07

TOTAL Metals

Lot-Sample #...: D7G240162-002 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	**340**	**10**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FT01A1**
		Dilution Factor: 1		Analysis Time..: 16:31	MDL.....: 1.8	
Sodium	**2900000 J**	**1000**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FT01A2**
		Dilution Factor: 1		Analysis Time..: 16:31	MDL.....: 92	
Nickel	**7.9 B**	**40**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FT01A3**
		Dilution Factor: 1		Analysis Time..: 16:31	MDL.....: 7.8	
Lead	ND	9.0	ug/L	SW846 6010B	07/31-08/01/07	J3FT01A4
		Dilution Factor: 1		Analysis Time..: 16:31	MDL.....: 2.6	
Antimony	ND	10	ug/L	SW846 6010B	07/31-08/01/07	J3FT01A5
		Dilution Factor: 1		Analysis Time..: 16:31	MDL.....: 3.1	
Selenium	**6.5 B**	**15**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FT01A6**
		Dilution Factor: 1		Analysis Time..: 16:31	MDL.....: 4.9	
Thallium	ND	15	ug/L	SW846 6010B	07/31-08/01/07	J3FT01AA
		Dilution Factor: 1		Analysis Time..: 16:31	MDL.....: 4.9	
Vanadium	**7.2 B**	**10**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FT01AC**
		Dilution Factor: 1		Analysis Time..: 16:31	MDL.....: 2.5	
Zinc	**40 J**	**20**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FT01AD**
		Dilution Factor: 1		Analysis Time..: 16:31	MDL.....: 4.5	

Prep Batch #...: 7209156

Mercury	**0.034 B,J**	**0.20**	**ug/L**	**SW846 7470A**	**08/02-08/03/07**	**J3FT01AJ**
		Dilution Factor: 1		Analysis Time..: 02:47	MDL.....: 0.027	

NOTE(S):

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

L Serial dilution of a digestate in the analytical batch indicates that physical and chemical interferences are present.

Bhate Environmental Associates

Client Sample ID: 0T32-TMW06

TOTAL Metals

Lot-Sample #...: D7G240162-003 **Matrix.....:** WG
Date Sampled...: 07/21/07 09:10 **Date Received..:** 07/24/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7208137						
Silver	ND	10	ug/L	SW846 6010B	07/31-08/01/07	J3FT41AK
		Dilution Factor: 1		Analysis Time..: 16:36	MDL.....: 2.8	
Aluminum	**23 B**	**100**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FT41AL**
		Dilution Factor: 1		Analysis Time..: 16:36	MDL.....: 18	
Arsenic	ND	15	ug/L	SW846 6010B	07/31-08/01/07	J3FT41AM
		Dilution Factor: 1		Analysis Time..: 16:36	MDL.....: 4.4	
Barium	**150**	**10**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FT41AN**
		Dilution Factor: 1		Analysis Time..: 16:36	MDL.....: 1.0	
Beryllium	ND	5.0	ug/L	SW846 6010B	07/31-08/01/07	J3FT41AP
		Dilution Factor: 1		Analysis Time..: 16:36	MDL.....: 0.47	
Calcium	**720000 J**	**200**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FT41AQ**
		Dilution Factor: 1		Analysis Time..: 16:36	MDL.....: 34	
Cadmium	**1.1 B**	**5.0**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FT41AR**
		Dilution Factor: 1		Analysis Time..: 16:36	MDL.....: 0.45	
Cobalt	ND	10	ug/L	SW846 6010B	07/31-08/01/07	J3FT41AT
		Dilution Factor: 1		Analysis Time..: 16:36	MDL.....: 1.2	
Chromium	ND	10	ug/L	SW846 6010B	07/31-08/01/07	J3FT41AU
		Dilution Factor: 1		Analysis Time..: 16:36	MDL.....: 2.6	
Copper	**22**	**15**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FT41AV**
		Dilution Factor: 1		Analysis Time..: 16:36	MDL.....: 4.5	
Iron	**300**	**100**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FT41AW**
		Dilution Factor: 1		Analysis Time..: 16:36	MDL.....: 22	
Potassium	**14000 L**	**3000**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FT41AX**
		Dilution Factor: 1		Analysis Time..: 16:36	MDL.....: 240	
Magnesium	**560000**	**200**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FT41A0**
		Dilution Factor: 1		Analysis Time..: 16:36	MDL.....: 43	

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Bhate Environmental Associates

Client Sample ID: 0T32-TMW06

TOTAL Metals

Lot-Sample #...: D7G240162-003 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	**260**	**10**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FT41A1**
		Dilution Factor: 1		Analysis Time..: 16:36	MDL.....: 1.8	
Sodium	**3200000 J**	**1000**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FT41A2**
		Dilution Factor: 1		Analysis Time..: 16:36	MDL.....: 92	
Nickel	ND	40	ug/L	SW846 6010B	07/31-08/01/07	J3FT41A3
		Dilution Factor: 1		Analysis Time..: 16:36	MDL.....: 7.8	
Lead	ND	9.0	ug/L	SW846 6010B	07/31-08/01/07	J3FT41A4
		Dilution Factor: 1		Analysis Time..: 16:36	MDL.....: 2.6	
Antimony	ND	10	ug/L	SW846 6010B	07/31-08/01/07	J3FT41A5
		Dilution Factor: 1		Analysis Time..: 16:36	MDL.....: 3.1	
Selenium	**10 B**	**15**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FT41A6**
		Dilution Factor: 1		Analysis Time..: 16:36	MDL.....: 4.9	
Thallium	ND	15	ug/L	SW846 6010B	07/31-08/01/07	J3FT41AA
		Dilution Factor: 1		Analysis Time..: 16:36	MDL.....: 4.9	
Vanadium	**8.1 B**	**10**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FT41AC**
		Dilution Factor: 1		Analysis Time..: 16:36	MDL.....: 2.5	
Zinc	**37 J**	**20**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FT41AD**
		Dilution Factor: 1		Analysis Time..: 16:36	MDL.....: 4.5	

Prep Batch #...: 7209156

Mercury	**0.033 B,J**	**0.20**	**ug/L**	**SW846 7470A**	**08/02-08/03/07**	**J3FT41AJ**
		Dilution Factor: 1		Analysis Time..: 02:49	MDL.....: 0.027	

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

L Serial dilution of a digestate in the analytical batch indicates that physical and chemical interferences are present.

Bhate Environmental Associates

Client Sample ID: 0T32-TMW06-A

TOTAL Metals

Lot-Sample #...: D7G240162-004 **Matrix.....:** WG
Date Sampled...: 07/21/07 09:10 **Date Received..:** 07/24/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7208137						
Silver	ND	10	ug/L	SW846 6010B	07/31-08/01/07	J3FVK1AK
		Dilution Factor: 1		Analysis Time..: 16:59	MDL.....: 2.8	
Aluminum	ND	100	ug/L	SW846 6010B	07/31-08/01/07	J3FVK1AL
		Dilution Factor: 1		Analysis Time..: 16:59	MDL.....: 18	
Arsenic	ND	15	ug/L	SW846 6010B	07/31-08/01/07	J3FVK1AM
		Dilution Factor: 1		Analysis Time..: 16:59	MDL.....: 4.4	
Barium	**150**	**10**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FVK1AN**
		Dilution Factor: 1		Analysis Time..: 16:59	MDL.....: 1.0	
Beryllium	ND	5.0	ug/L	SW846 6010B	07/31-08/01/07	J3FVK1AP
		Dilution Factor: 1		Analysis Time..: 16:59	MDL.....: 0.47	
Calcium	**720000 J**	**200**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FVK1AQ**
		Dilution Factor: 1		Analysis Time..: 16:59	MDL.....: 34	
Cadmium	**0.92 B**	**5.0**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FVK1AR**
		Dilution Factor: 1		Analysis Time..: 16:59	MDL.....: 0.45	
Cobalt	ND	10	ug/L	SW846 6010B	07/31-08/01/07	J3FVK1AT
		Dilution Factor: 1		Analysis Time..: 16:59	MDL.....: 1.2	
Chromium	ND	10	ug/L	SW846 6010B	07/31-08/01/07	J3FVK1AU
		Dilution Factor: 1		Analysis Time..: 16:59	MDL.....: 2.6	
Copper	**32**	**15**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FVK1AV**
		Dilution Factor: 1		Analysis Time..: 16:59	MDL.....: 4.5	
Iron	**55 B**	**100**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FVK1AW**
		Dilution Factor: 1		Analysis Time..: 16:59	MDL.....: 22	
Potassium	**14000 L**	**3000**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FVK1AX**
		Dilution Factor: 1		Analysis Time..: 16:59	MDL.....: 240	
Magnesium	**550000**	**200**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FVK1A0**
		Dilution Factor: 1		Analysis Time..: 16:59	MDL.....: 43	

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Bhate Environmental Associates

Client Sample ID: 0T32-TMW06-A

TOTAL Metals

Lot-Sample #...: D7G240162-004 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	**270**	**10**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FVK1A1**
		Dilution Factor: 1		Analysis Time..: 16:59	MDL.....: 1.8	
Sodium	**3200000 J**	**1000**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FVK1A2**
		Dilution Factor: 1		Analysis Time..: 16:59	MDL.....: 92	
Nickel	ND	40	ug/L	SW846 6010B	07/31-08/01/07	J3FVK1A3
		Dilution Factor: 1		Analysis Time..: 16:59	MDL.....: 7.8	
Lead	ND	9.0	ug/L	SW846 6010B	07/31-08/01/07	J3FVK1A4
		Dilution Factor: 1		Analysis Time..: 16:59	MDL.....: 2.6	
Antimony	ND	10	ug/L	SW846 6010B	07/31-08/01/07	J3FVK1A5
		Dilution Factor: 1		Analysis Time..: 16:59	MDL.....: 3.1	
Selenium	**9.1 B**	**15**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FVK1A6**
		Dilution Factor: 1		Analysis Time..: 16:59	MDL.....: 4.9	
Thallium	ND	15	ug/L	SW846 6010B	07/31-08/01/07	J3FVK1AA
		Dilution Factor: 1		Analysis Time..: 16:59	MDL.....: 4.9	
Vanadium	**7.6 B**	**10**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FVK1AC**
		Dilution Factor: 1		Analysis Time..: 16:59	MDL.....: 2.5	
Zinc	**28 J**	**20**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FVK1AD**
		Dilution Factor: 1		Analysis Time..: 16:59	MDL.....: 4.5	

Prep Batch #...: 7209156

Mercury	**0.030 B,J**	**0.20**	**ug/L**	**SW846 7470A**	**08/02-08/03/07**	**J3FVK1AJ**
		Dilution Factor: 1		Analysis Time..: 02:56	MDL.....: 0.027	

NOTE(S):

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

L Serial dilution of a digestate in the analytical batch indicates that physical and chemical interferences are present.

Bhate Environmental Associates

Client Sample ID: 0T32-TMW05

TOTAL Metals

Lot-Sample #...: D7G240162-005 **Matrix.....:** WG
Date Sampled...: 07/21/07 09:08 **Date Received..:** 07/24/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7208137						
Silver	ND	10	ug/L	SW846 6010B	07/31-08/01/07	J3FVM1AK
		Dilution Factor: 1		Analysis Time..: 17:21	MDL.....: 2.8	
Aluminum	ND	100	ug/L	SW846 6010B	07/31-08/01/07	J3FVM1AL
		Dilution Factor: 1		Analysis Time..: 17:21	MDL.....: 18	
Arsenic	ND	15	ug/L	SW846 6010B	07/31-08/01/07	J3FVM1AM
		Dilution Factor: 1		Analysis Time..: 17:21	MDL.....: 4.4	
Barium	**130**	**10**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FVM1AN**
		Dilution Factor: 1		Analysis Time..: 17:21	MDL.....: 1.0	
Beryllium	ND	5.0	ug/L	SW846 6010B	07/31-08/01/07	J3FVM1AP
		Dilution Factor: 1		Analysis Time..: 17:21	MDL.....: 0.47	
Calcium	**580000 J**	**200**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FVM1AQ**
		Dilution Factor: 1		Analysis Time..: 17:21	MDL.....: 34	
Cadmium	**1.2 B**	**5.0**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FVM1AR**
		Dilution Factor: 1		Analysis Time..: 17:21	MDL.....: 0.45	
Cobalt	**37**	**10**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FVM1AT**
		Dilution Factor: 1		Analysis Time..: 17:21	MDL.....: 1.2	
Chromium	ND	10	ug/L	SW846 6010B	07/31-08/01/07	J3FVM1AU
		Dilution Factor: 1		Analysis Time..: 17:21	MDL.....: 2.6	
Copper	**6.4 B**	**15**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FVM1AV**
		Dilution Factor: 1		Analysis Time..: 17:21	MDL.....: 4.5	
Iron	**89 B**	**100**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FVM1AW**
		Dilution Factor: 1		Analysis Time..: 17:21	MDL.....: 22	
Potassium	**26000 L**	**3000**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FVM1AX**
		Dilution Factor: 1		Analysis Time..: 17:21	MDL.....: 240	
Magnesium	**120000**	**200**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FVM1A0**
		Dilution Factor: 1		Analysis Time..: 17:21	MDL.....: 43	

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Bhate Environmental Associates

Client Sample ID: 0T32-TMW05

TOTAL Metals

Lot-Sample #...: D7G240162-005 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	**1100**	**10**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FVM1A1**
		Dilution Factor: 1		Analysis Time..: 17:21	MDL.....: 1.8	
Sodium	**320000 J**	**1000**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FVM1A2**
		Dilution Factor: 1		Analysis Time..: 17:21	MDL.....: 92	
Nickel	**130**	**40**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FVM1A3**
		Dilution Factor: 1		Analysis Time..: 17:21	MDL.....: 7.8	
Lead	ND	9.0	ug/L	SW846 6010B	07/31-08/01/07	J3FVM1A4
		Dilution Factor: 1		Analysis Time..: 17:21	MDL.....: 2.6	
Antimony	ND	10	ug/L	SW846 6010B	07/31-08/01/07	J3FVM1A5
		Dilution Factor: 1		Analysis Time..: 17:21	MDL.....: 3.1	
Selenium	ND	15	ug/L	SW846 6010B	07/31-08/01/07	J3FVM1A6
		Dilution Factor: 1		Analysis Time..: 17:21	MDL.....: 4.9	
Thallium	ND	15	ug/L	SW846 6010B	07/31-08/01/07	J3FVM1AA
		Dilution Factor: 1		Analysis Time..: 17:21	MDL.....: 4.9	
Vanadium	**5.6 B**	**10**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FVM1AC**
		Dilution Factor: 1		Analysis Time..: 17:21	MDL.....: 2.5	
Zinc	**110 J**	**20**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FVM1AD**
		Dilution Factor: 1		Analysis Time..: 17:21	MDL.....: 4.5	

Prep Batch #...: 7209156

Mercury	**0.036 B,J**	**0.20**	**ug/L**	**SW846 7470A**	**08/02-08/03/07**	**J3FVM1AJ**
		Dilution Factor: 1		Analysis Time..: 02:59	MDL.....: 0.027	

NOTE(S):

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

L Serial dilution of a digestate in the analytical batch indicates that physical and chemical interferences are present.

Bhate Environmental Associates

Client Sample ID: 0T32-TMW05-A

TOTAL Metals

Lot-Sample #...: D7G240162-006 **Matrix.....:** WG
Date Sampled...: 07/21/07 09:08 **Date Received..:** 07/24/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7208137						
Silver	ND	10	ug/L	SW846 6010B	07/31-08/01/07	J3FVN1AK
		Dilution Factor: 1		Analysis Time..: 17:27	MDL.....: 2.8	
Aluminum	ND	100	ug/L	SW846 6010B	07/31-08/01/07	J3FVN1AL
		Dilution Factor: 1		Analysis Time..: 17:27	MDL.....: 18	
Arsenic	ND	15	ug/L	SW846 6010B	07/31-08/01/07	J3FVN1AM
		Dilution Factor: 1		Analysis Time..: 17:27	MDL.....: 4.4	
Barium	**130**	**10**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FVN1AN**
		Dilution Factor: 1		Analysis Time..: 17:27	MDL.....: 1.0	
Beryllium	ND	5.0	ug/L	SW846 6010B	07/31-08/01/07	J3FVN1AP
		Dilution Factor: 1		Analysis Time..: 17:27	MDL.....: 0.47	
Calcium	**590000 J**	**200**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FVN1AQ**
		Dilution Factor: 1		Analysis Time..: 17:27	MDL.....: 34	
Cadmium	**0.94 B**	**5.0**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FVN1AR**
		Dilution Factor: 1		Analysis Time..: 17:27	MDL.....: 0.45	
Cobalt	**39**	**10**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FVN1AT**
		Dilution Factor: 1		Analysis Time..: 17:27	MDL.....: 1.2	
Chromium	ND	10	ug/L	SW846 6010B	07/31-08/01/07	J3FVN1AU
		Dilution Factor: 1		Analysis Time..: 17:27	MDL.....: 2.6	
Copper	**5.9 B**	**15**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FVN1AV**
		Dilution Factor: 1		Analysis Time..: 17:27	MDL.....: 4.5	
Iron	**69 B**	**100**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FVN1AW**
		Dilution Factor: 1		Analysis Time..: 17:27	MDL.....: 22	
Potassium	**27000 L**	**3000**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FVN1AX**
		Dilution Factor: 1		Analysis Time..: 17:27	MDL.....: 240	
Magnesium	**130000**	**200**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FVN1A0**
		Dilution Factor: 1		Analysis Time..: 17:27	MDL.....: 43	

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Bhate Environmental Associates

Client Sample ID: 0T32-TMW05-A

TOTAL Metals

Lot-Sample #...: D7G240162-006 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	**1100**	**10**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FVN1A1**
		Dilution Factor: 1		Analysis Time..: 17:27	MDL.....: 1.8	
Sodium	**330000 J**	**1000**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FVN1A2**
		Dilution Factor: 1		Analysis Time..: 17:27	MDL.....: 92	
Nickel	**140**	**40**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FVN1A3**
		Dilution Factor: 1		Analysis Time..: 17:27	MDL.....: 7.8	
Lead	ND	9.0	ug/L	SW846 6010B	07/31-08/01/07	J3FVN1A4
		Dilution Factor: 1		Analysis Time..: 17:27	MDL.....: 2.6	
Antimony	ND	10	ug/L	SW846 6010B	07/31-08/01/07	J3FVN1A5
		Dilution Factor: 1		Analysis Time..: 17:27	MDL.....: 3.1	
Selenium	ND	15	ug/L	SW846 6010B	07/31-08/01/07	J3FVN1A6
		Dilution Factor: 1		Analysis Time..: 17:27	MDL.....: 4.9	
Thallium	ND	15	ug/L	SW846 6010B	07/31-08/01/07	J3FVN1AA
		Dilution Factor: 1		Analysis Time..: 17:27	MDL.....: 4.9	
Vanadium	**6.0 B**	**10**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FVN1AC**
		Dilution Factor: 1		Analysis Time..: 17:27	MDL.....: 2.5	
Zinc	**110 J**	**20**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FVN1AD**
		Dilution Factor: 1		Analysis Time..: 17:27	MDL.....: 4.5	

Prep Batch #...: 7209156

Mercury	**0.034 B,J**	**0.20**	**ug/L**	**SW846 7470A**	**08/02-08/03/07**	**J3FVN1AJ**
		Dilution Factor: 1		Analysis Time..: 03:01	MDL.....: 0.027	

NOTE(S):

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

L Serial dilution of a digestate in the analytical batch indicates that physical and chemical interferences are present.

Bhate Environmental Associates

Client Sample ID: OT32-TMW04

TOTAL Metals

Lot-Sample #...: D7G240162-011 **Matrix.....:** WG
Date Sampled...: 07/21/07 11:38 **Date Received..:** 07/24/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7208137						
Silver	ND	10	ug/L	SW846 6010B	07/31-08/01/07	J3FVV1AK
		Dilution Factor: 1		Analysis Time..: 17:33	MDL.....: 2.8	
Aluminum	ND	100	ug/L	SW846 6010B	07/31-08/01/07	J3FVV1AL
		Dilution Factor: 1		Analysis Time..: 17:33	MDL.....: 18	
Arsenic	ND	15	ug/L	SW846 6010B	07/31-08/01/07	J3FVV1AM
		Dilution Factor: 1		Analysis Time..: 17:33	MDL.....: 4.4	
Barium	**51**	**10**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FVV1AN**
		Dilution Factor: 1		Analysis Time..: 17:33	MDL.....: 1.0	
Beryllium	ND	5.0	ug/L	SW846 6010B	07/31-08/01/07	J3FVV1AP
		Dilution Factor: 1		Analysis Time..: 17:33	MDL.....: 0.47	
Calcium	**560000 J**	**200**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FVV1AQ**
		Dilution Factor: 1		Analysis Time..: 17:33	MDL.....: 34	
Cadmium	**0.86 B**	**5.0**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FVV1AR**
		Dilution Factor: 1		Analysis Time..: 17:33	MDL.....: 0.45	
Cobalt	**5.1 B**	**10**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FVV1AT**
		Dilution Factor: 1		Analysis Time..: 17:33	MDL.....: 1.2	
Chromium	ND	10	ug/L	SW846 6010B	07/31-08/01/07	J3FVV1AU
		Dilution Factor: 1		Analysis Time..: 17:33	MDL.....: 2.6	
Copper	ND	15	ug/L	SW846 6010B	07/31-08/01/07	J3FVV1AV
		Dilution Factor: 1		Analysis Time..: 17:33	MDL.....: 4.5	
Iron	**34 B**	**100**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FVV1AW**
		Dilution Factor: 1		Analysis Time..: 17:33	MDL.....: 22	
Potassium	**14000 L**	**3000**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FVV1AX**
		Dilution Factor: 1		Analysis Time..: 17:33	MDL.....: 240	
Magnesium	**790000**	**200**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FVV1A0**
		Dilution Factor: 1		Analysis Time..: 17:33	MDL.....: 43	

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Bhate Environmental Associates

Client Sample ID: OT32-TMW04

TOTAL Metals

Lot-Sample #...: D7G240162-011 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	**400**	**10**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FVV1A1**
		Dilution Factor: 1		Analysis Time..: 17:33	MDL.....: 1.8	
Sodium	**3800000 J**	**1000**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FVV1A2**
		Dilution Factor: 1		Analysis Time..: 17:33	MDL.....: 92	
Nickel	**14 B**	**40**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FVV1A3**
		Dilution Factor: 1		Analysis Time..: 17:33	MDL.....: 7.8	
Lead	ND	9.0	ug/L	SW846 6010B	07/31-08/01/07	J3FVV1A4
		Dilution Factor: 1		Analysis Time..: 17:33	MDL.....: 2.6	
Antimony	ND	10	ug/L	SW846 6010B	07/31-08/01/07	J3FVV1A5
		Dilution Factor: 1		Analysis Time..: 17:33	MDL.....: 3.1	
Selenium	**16**	**15**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FVV1A6**
		Dilution Factor: 1		Analysis Time..: 17:33	MDL.....: 4.9	
Thallium	ND	15	ug/L	SW846 6010B	07/31-08/01/07	J3FVV1AA
		Dilution Factor: 1		Analysis Time..: 17:33	MDL.....: 4.9	
Vanadium	**18**	**10**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FVV1AC**
		Dilution Factor: 1		Analysis Time..: 17:33	MDL.....: 2.5	
Zinc	**26 J**	**20**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FVV1AD**
		Dilution Factor: 1		Analysis Time..: 17:33	MDL.....: 4.5	

Prep Batch #...: 7209156

Mercury	**0.037 B,J**	**0.20**	**ug/L**	**SW846 7470A**	**08/02-08/03/07**	**J3FVV1AJ**
		Dilution Factor: 1		Analysis Time..: 03:03	MDL.....: 0.027	

NOTE(S):

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

L Serial dilution of a digestate in the analytical batch indicates that physical and chemical interferences are present.

Bhate Environmental Associates

Client Sample ID: RW42-MW02

TOTAL Metals

Lot-Sample #...: D7G240162-012 **Matrix.....:** WG
Date Sampled...: 07/23/07 09:20 **Date Received..:** 07/24/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7208137						
Silver	ND	10	ug/L	SW846 6010B	07/31-08/01/07	J3FV71AK
		Dilution Factor: 1		Analysis Time..: 17:38	MDL.....: 2.8	
Aluminum	ND	100	ug/L	SW846 6010B	07/31-08/01/07	J3FV71AL
		Dilution Factor: 1		Analysis Time..: 17:38	MDL.....: 18	
Arsenic	ND	15	ug/L	SW846 6010B	07/31-08/01/07	J3FV71AM
		Dilution Factor: 1		Analysis Time..: 17:38	MDL.....: 4.4	
Barium	**33**	**10**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FV71AN**
		Dilution Factor: 1		Analysis Time..: 17:38	MDL.....: 1.0	
Beryllium	ND	5.0	ug/L	SW846 6010B	07/31-08/01/07	J3FV71AP
		Dilution Factor: 1		Analysis Time..: 17:38	MDL.....: 0.47	
Calcium	**670000 J**	**200**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FV71AQ**
		Dilution Factor: 1		Analysis Time..: 17:38	MDL.....: 34	
Cadmium	**0.66 B**	**5.0**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FV71AR**
		Dilution Factor: 1		Analysis Time..: 17:38	MDL.....: 0.45	
Cobalt	ND	10	ug/L	SW846 6010B	07/31-08/01/07	J3FV71AT
		Dilution Factor: 1		Analysis Time..: 17:38	MDL.....: 1.2	
Chromium	ND	10	ug/L	SW846 6010B	07/31-08/01/07	J3FV71AU
		Dilution Factor: 1		Analysis Time..: 17:38	MDL.....: 2.6	
Copper	**42**	**15**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FV71AV**
		Dilution Factor: 1		Analysis Time..: 17:38	MDL.....: 4.5	
Iron	**24 B**	**100**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FV71AW**
		Dilution Factor: 1		Analysis Time..: 17:38	MDL.....: 22	
Potassium	**7800 L**	**3000**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FV71AX**
		Dilution Factor: 1		Analysis Time..: 17:38	MDL.....: 240	
Magnesium	**570000**	**200**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FV71A0**
		Dilution Factor: 1		Analysis Time..: 17:38	MDL.....: 43	

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Bhate Environmental Associates

Client Sample ID: RW42-MW02

TOTAL Metals

Lot-Sample #...: D7G240162-012 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	**130**	**10**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FV71A1**
		Dilution Factor: 1		Analysis Time..: 17:38	MDL.....: 1.8	
Sodium	**2600000 J**	**1000**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FV71A2**
		Dilution Factor: 1		Analysis Time..: 17:38	MDL.....: 92	
Nickel	ND	40	ug/L	SW846 6010B	07/31-08/01/07	J3FV71A3
		Dilution Factor: 1		Analysis Time..: 17:38	MDL.....: 7.8	
Lead	ND	9.0	ug/L	SW846 6010B	07/31-08/01/07	J3FV71A4
		Dilution Factor: 1		Analysis Time..: 17:38	MDL.....: 2.6	
Antimony	ND	10	ug/L	SW846 6010B	07/31-08/01/07	J3FV71A5
		Dilution Factor: 1		Analysis Time..: 17:38	MDL.....: 3.1	
Selenium	**15**	**15**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FV71A6**
		Dilution Factor: 1		Analysis Time..: 17:38	MDL.....: 4.9	
Thallium	ND	15	ug/L	SW846 6010B	07/31-08/01/07	J3FV71AA
		Dilution Factor: 1		Analysis Time..: 17:38	MDL.....: 4.9	
Vanadium	**5.7 B**	**10**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FV71AC**
		Dilution Factor: 1		Analysis Time..: 17:38	MDL.....: 2.5	
Zinc	**73 J**	**20**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FV71AD**
		Dilution Factor: 1		Analysis Time..: 17:38	MDL.....: 4.5	

Prep Batch #...: 7209156

Mercury	**0.032 B,J**	**0.20**	**ug/L**	**SW846 7470A**	**08/02-08/03/07**	**J3FV71AJ**
		Dilution Factor: 1		Analysis Time..: 03:10	MDL.....: 0.027	

NOTE(S):

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

L Serial dilution of a digestate in the analytical batch indicates that physical and chemical interferences are present.

Bhate Environmental Associates

Client Sample ID: RW42-MW02-A

TOTAL Metals

Lot-Sample #...: D7G240162-013 **Matrix.....:** WG
Date Sampled...: 07/23/07 09:20 **Date Received..:** 07/24/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7208137						
Silver	ND	10	ug/L	SW846 6010B	07/31-08/01/07	J3FWD1AK
		Dilution Factor: 1		Analysis Time..: 17:55	MDL.....: 2.8	
Aluminum	ND	100	ug/L	SW846 6010B	07/31-08/01/07	J3FWD1AL
		Dilution Factor: 1		Analysis Time..: 17:55	MDL.....: 18	
Arsenic	ND	15	ug/L	SW846 6010B	07/31-08/01/07	J3FWD1AM
		Dilution Factor: 1		Analysis Time..: 17:55	MDL.....: 4.4	
Barium	**33**	**10**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FWD1AN**
		Dilution Factor: 1		Analysis Time..: 17:55	MDL.....: 1.0	
Beryllium	ND	5.0	ug/L	SW846 6010B	07/31-08/01/07	J3FWD1AP
		Dilution Factor: 1		Analysis Time..: 17:55	MDL.....: 0.47	
Calcium	**680000 J**	**200**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FWD1AQ**
		Dilution Factor: 1		Analysis Time..: 17:55	MDL.....: 34	
Cadmium	**0.55 B**	**5.0**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FWD1AR**
		Dilution Factor: 1		Analysis Time..: 17:55	MDL.....: 0.45	
Cobalt	ND	10	ug/L	SW846 6010B	07/31-08/01/07	J3FWD1AT
		Dilution Factor: 1		Analysis Time..: 17:55	MDL.....: 1.2	
Chromium	ND	10	ug/L	SW846 6010B	07/31-08/01/07	J3FWD1AU
		Dilution Factor: 1		Analysis Time..: 17:55	MDL.....: 2.6	
Copper	**44**	**15**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FWD1AV**
		Dilution Factor: 1		Analysis Time..: 17:55	MDL.....: 4.5	
Iron	ND	100	ug/L	SW846 6010B	07/31-08/01/07	J3FWD1AW
		Dilution Factor: 1		Analysis Time..: 17:55	MDL.....: 22	
Potassium	**7900 L**	**3000**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FWD1AX**
		Dilution Factor: 1		Analysis Time..: 17:55	MDL.....: 240	
Magnesium	**570000**	**200**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FWD1A0**
		Dilution Factor: 1		Analysis Time..: 17:55	MDL.....: 43	

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Bhate Environmental Associates

Client Sample ID: RW42-MW02-A

TOTAL Metals

Lot-Sample #...: D7G240162-013 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	**130**	**10**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FWD1A1**
		Dilution Factor: 1		Analysis Time..: 17:55	MDL.....: 1.8	
Sodium	**2600000 J**	**1000**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FWD1A2**
		Dilution Factor: 1		Analysis Time..: 17:55	MDL.....: 92	
Nickel	ND	40	ug/L	SW846 6010B	07/31-08/01/07	J3FWD1A3
		Dilution Factor: 1		Analysis Time..: 17:55	MDL.....: 7.8	
Lead	ND	9.0	ug/L	SW846 6010B	07/31-08/01/07	J3FWD1A4
		Dilution Factor: 1		Analysis Time..: 17:55	MDL.....: 2.6	
Antimony	ND	10	ug/L	SW846 6010B	07/31-08/01/07	J3FWD1A5
		Dilution Factor: 1		Analysis Time..: 17:55	MDL.....: 3.1	
Selenium	**9.6 B**	**15**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FWD1A6**
		Dilution Factor: 1		Analysis Time..: 17:55	MDL.....: 4.9	
Thallium	ND	15	ug/L	SW846 6010B	07/31-08/01/07	J3FWD1AA
		Dilution Factor: 1		Analysis Time..: 17:55	MDL.....: 4.9	
Vanadium	**5.4 B**	**10**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FWD1AC**
		Dilution Factor: 1		Analysis Time..: 17:55	MDL.....: 2.5	
Zinc	**76 J**	**20**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FWD1AD**
		Dilution Factor: 1		Analysis Time..: 17:55	MDL.....: 4.5	

Prep Batch #...: 7209156

Mercury	**0.032 B,J**	**0.20**	**ug/L**	**SW846 7470A**	**08/02-08/03/07**	**J3FWD1AJ**
		Dilution Factor: 1		Analysis Time..: 03:17	MDL.....: 0.027	

NOTE(S):

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

L Serial dilution of a digestate in the analytical batch indicates that physical and chemical interferences are present.

Bhate Environmental Associates

Client Sample ID: RW42-MW03

TOTAL Metals

Lot-Sample #...: D7G240162-014 **Matrix.....:** WG
Date Sampled...: 07/23/07 11:45 **Date Received..:** 07/24/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7208137						
Silver	ND	10	ug/L	SW846 6010B	07/31-08/01/07	J3FWF1AK
		Dilution Factor: 1		Analysis Time..: 18:01	MDL.....: 2.8	
Aluminum	ND	100	ug/L	SW846 6010B	07/31-08/01/07	J3FWF1AL
		Dilution Factor: 1		Analysis Time..: 18:01	MDL.....: 18	
Arsenic	ND	15	ug/L	SW846 6010B	07/31-08/01/07	J3FWF1AM
		Dilution Factor: 1		Analysis Time..: 18:01	MDL.....: 4.4	
Barium	**54**	**10**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FWF1AN**
		Dilution Factor: 1		Analysis Time..: 18:01	MDL.....: 1.0	
Beryllium	ND	5.0	ug/L	SW846 6010B	07/31-08/01/07	J3FWF1AP
		Dilution Factor: 1		Analysis Time..: 18:01	MDL.....: 0.47	
Calcium	**670000 J**	**200**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FWF1AQ**
		Dilution Factor: 1		Analysis Time..: 18:01	MDL.....: 34	
Cadmium	**0.48 B**	**5.0**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FWF1AR**
		Dilution Factor: 1		Analysis Time..: 18:01	MDL.....: 0.45	
Cobalt	**1.5 B**	**10**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FWF1AT**
		Dilution Factor: 1		Analysis Time..: 18:01	MDL.....: 1.2	
Chromium	ND	10	ug/L	SW846 6010B	07/31-08/01/07	J3FWF1AU
		Dilution Factor: 1		Analysis Time..: 18:01	MDL.....: 2.6	
Copper	**170**	**15**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FWF1AV**
		Dilution Factor: 1		Analysis Time..: 18:01	MDL.....: 4.5	
Iron	ND	100	ug/L	SW846 6010B	07/31-08/01/07	J3FWF1AW
		Dilution Factor: 1		Analysis Time..: 18:01	MDL.....: 22	
Potassium	**8800 L**	**3000**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FWF1AX**
		Dilution Factor: 1		Analysis Time..: 18:01	MDL.....: 240	
Magnesium	**600000**	**200**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FWF1A0**
		Dilution Factor: 1		Analysis Time..: 18:01	MDL.....: 43	

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Bhate Environmental Associates

Client Sample ID: RW42-MW03

TOTAL Metals

Lot-Sample #...: D7G240162-014 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	**240**	**10**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FWF1A1**
		Dilution Factor: 1		Analysis Time..: 18:01	MDL.....: 1.8	
Sodium	**2700000 J**	**1000**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FWF1A2**
		Dilution Factor: 1		Analysis Time..: 18:01	MDL.....: 92	
Nickel	ND	40	ug/L	SW846 6010B	07/31-08/01/07	J3FWF1A3
		Dilution Factor: 1		Analysis Time..: 18:01	MDL.....: 7.8	
Lead	ND	9.0	ug/L	SW846 6010B	07/31-08/01/07	J3FWF1A4
		Dilution Factor: 1		Analysis Time..: 18:01	MDL.....: 2.6	
Antimony	ND	10	ug/L	SW846 6010B	07/31-08/01/07	J3FWF1A5
		Dilution Factor: 1		Analysis Time..: 18:01	MDL.....: 3.1	
Selenium	**17**	**15**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FWF1A6**
		Dilution Factor: 1		Analysis Time..: 18:01	MDL.....: 4.9	
Thallium	ND	15	ug/L	SW846 6010B	07/31-08/01/07	J3FWF1AA
		Dilution Factor: 1		Analysis Time..: 18:01	MDL.....: 4.9	
Vanadium	**5.0 B**	**10**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FWF1AC**
		Dilution Factor: 1		Analysis Time..: 18:01	MDL.....: 2.5	
Zinc	**55 J**	**20**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FWF1AD**
		Dilution Factor: 1		Analysis Time..: 18:01	MDL.....: 4.5	

Prep Batch #...: 7209156

Mercury	**0.038 B,J**	**0.20**	**ug/L**	**SW846 7470A**	**08/02-08/03/07**	**J3FWF1AJ**
		Dilution Factor: 1		Analysis Time..: 03:20	MDL.....: 0.027	

NOTE(S):

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

L Serial dilution of a digestate in the analytical batch indicates that physical and chemical interferences are present.

Bhate Environmental Associates

Client Sample ID: 0T32-SB03-15

TOTAL Metals

Lot-Sample #...: D7G240162-019 **Matrix.....:** SO
Date Sampled...: 07/23/07 08:30 **Date Received..:** 07/24/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7207378						
Mercury	ND	40	ug/kg	SW846 7471A	08/02-08/03/07	J3FWR1AD
		Dilution Factor: 1		Analysis Time..: 15:13	MDL.....: 3.4	
Prep Batch #...: 7208407						
Silver	ND	1.2	mg/kg	SW846 6010B	08/02/07	J3FWR1AF
		Dilution Factor: 1		Analysis Time..: 19:20	MDL.....: 0.20	
Aluminum	**6800**	**12**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3FWR1AG**
		Dilution Factor: 1		Analysis Time..: 19:20	MDL.....: 6.0	
Arsenic	**1.2 B**	**2.4**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3FWR1AH**
		Dilution Factor: 1		Analysis Time..: 19:20	MDL.....: 0.80	
Barium	**120**	**1.2**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3FWR1AJ**
		Dilution Factor: 1		Analysis Time..: 19:20	MDL.....: 0.29	
Beryllium	**0.29 B**	**0.61**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3FWR1AK**
		Dilution Factor: 1		Analysis Time..: 19:20	MDL.....: 0.18	
Calcium	**160000**	**61**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3FWR1AL**
		Dilution Factor: 1		Analysis Time..: 19:20	MDL.....: 17	
Cadmium	ND	0.61	mg/kg	SW846 6010B	08/02/07	J3FWR1AM
		Dilution Factor: 1		Analysis Time..: 19:20	MDL.....: 0.050	
Cobalt	**2.6**	**1.2**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3FWR1AN**
		Dilution Factor: 1		Analysis Time..: 19:20	MDL.....: 0.12	
Chromium	**7.4**	**1.8**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3FWR1AP**
		Dilution Factor: 1		Analysis Time..: 19:20	MDL.....: 0.49	
Copper	**4.3**	**2.4**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3FWR1AQ**
		Dilution Factor: 1		Analysis Time..: 19:20	MDL.....: 0.68	
Iron	**6900**	**18**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3FWR1AR**
		Dilution Factor: 1		Analysis Time..: 19:20	MDL.....: 4.6	
Potassium	**1500**	**370**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3FWR1AT**
		Dilution Factor: 1		Analysis Time..: 19:20	MDL.....: 50	

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Bhate Environmental Associates

Client Sample ID: 0T32-SB03-15

TOTAL Metals

Lot-Sample #...: D7G240162-019 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	**4500**	**24**	**mg/kg**	**SW846 6010B**	**08/02-08/03/07**	**J3FWR1AU**
		Dilution Factor: 1		Analysis Time..: 16:09	MDL.....: 4.5	
Manganese	**230**	**1.2**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3FWR1AV**
		Dilution Factor: 1		Analysis Time..: 19:20	MDL.....: 0.12	
Sodium	**270 B**	**610**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3FWR1AW**
		Dilution Factor: 1		Analysis Time..: 19:20	MDL.....: 72	
Nickel	**5.2**	**4.9**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3FWR1AX**
		Dilution Factor: 1		Analysis Time..: 19:20	MDL.....: 0.29	
Lead	**4.0**	**0.98**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3FWR1A0**
		Dilution Factor: 1		Analysis Time..: 19:20	MDL.....: 0.33	
Antimony	ND	1.8	mg/kg	SW846 6010B	08/02/07	J3FWR1A1
		Dilution Factor: 1		Analysis Time..: 19:20	MDL.....: 0.46	
Selenium	ND	1.6	mg/kg	SW846 6010B	08/02/07	J3FWR1A2
		Dilution Factor: 1		Analysis Time..: 19:20	MDL.....: 1.0	
Thallium	ND	1.5	mg/kg	SW846 6010B	08/02/07	J3FWR1A3
		Dilution Factor: 1		Analysis Time..: 19:20	MDL.....: 0.79	
Vanadium	**20**	**2.4**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3FWR1A4**
		Dilution Factor: 1		Analysis Time..: 19:20	MDL.....: 0.76	
Zinc	**15**	**3.7**	**mg/kg**	**SW846 6010B**	**08/02-08/03/07**	**J3FWR1A5**
		Dilution Factor: 1		Analysis Time..: 16:09	MDL.....: 1.2	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: 0T32-SB03-25

TOTAL Metals

Lot-Sample #...: D7G240162-020 **Matrix.....:** SO
Date Sampled...: 07/23/07 09:00 **Date Received..:** 07/24/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7207378						
Mercury	ND	41	ug/kg	SW846 7471A	08/02-08/03/07	J3FW51AP
		Dilution Factor: 1		Analysis Time..: 15:16	MDL.....: 3.5	
Prep Batch #...: 7208407						
Silver	ND	1.3	mg/kg	SW846 6010B	08/02/07	J3FW51AR
		Dilution Factor: 1		Analysis Time..: 19:26	MDL.....: 0.20	
Aluminum	**6300**	**13**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3FW51AT**
		Dilution Factor: 1		Analysis Time..: 19:26	MDL.....: 6.1	
Arsenic	ND	2.5	mg/kg	SW846 6010B	08/02/07	J3FW51AU
		Dilution Factor: 1		Analysis Time..: 19:26	MDL.....: 0.83	
Barium	**73**	**1.3**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3FW51AV**
		Dilution Factor: 1		Analysis Time..: 19:26	MDL.....: 0.30	
Beryllium	**0.27 B**	**0.63**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3FW51AW**
		Dilution Factor: 1		Analysis Time..: 19:26	MDL.....: 0.19	
Calcium	**160000**	**63**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3FW51AX**
		Dilution Factor: 1		Analysis Time..: 19:26	MDL.....: 18	
Cadmium	ND	0.63	mg/kg	SW846 6010B	08/02/07	J3FW51A0
		Dilution Factor: 1		Analysis Time..: 19:26	MDL.....: 0.051	
Cobalt	**1.7**	**1.3**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3FW51A1**
		Dilution Factor: 1		Analysis Time..: 19:26	MDL.....: 0.13	
Chromium	**6.7**	**1.9**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3FW51A2**
		Dilution Factor: 1		Analysis Time..: 19:26	MDL.....: 0.50	
Copper	**2.5**	**2.5**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3FW51A3**
		Dilution Factor: 1		Analysis Time..: 19:26	MDL.....: 0.70	
Iron	**6100**	**19**	**mg/kg**	**SW846 6010B**	**08/02-08/03/07**	**J3FW51A4**
		Dilution Factor: 1		Analysis Time..: 16:14	MDL.....: 4.8	
Potassium	**1400**	**380**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3FW51A5**
		Dilution Factor: 1		Analysis Time..: 19:26	MDL.....: 51	

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Bhate Environmental Associates

Client Sample ID: 0T32-SB03-25

TOTAL Metals

Lot-Sample #...: D7G240162-020 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	**3100**	**25**	**mg/kg**	**SW846 6010B**	**08/02-08/03/07**	**J3FW51A6**
		Dilution Factor: 1		Analysis Time..: 16:14	MDL.....: 4.6	
Manganese	**78**	**1.3**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3FW51A7**
		Dilution Factor: 1		Analysis Time..: 19:26	MDL.....: 0.13	
Sodium	**670**	**630**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3FW51A8**
		Dilution Factor: 1		Analysis Time..: 19:26	MDL.....: 74	
Nickel	**4.3 B**	**5.0**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3FW51A9**
		Dilution Factor: 1		Analysis Time..: 19:26	MDL.....: 0.30	
Lead	**3.7**	**1.0**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3FW51AA**
		Dilution Factor: 1		Analysis Time..: 19:26	MDL.....: 0.34	
Antimony	ND	1.9	mg/kg	SW846 6010B	08/02/07	J3FW51AC
		Dilution Factor: 1		Analysis Time..: 19:26	MDL.....: 0.48	
Selenium	ND	1.6	mg/kg	SW846 6010B	08/02/07	J3FW51AD
		Dilution Factor: 1		Analysis Time..: 19:26	MDL.....: 1.1	
Thallium	ND	1.5	mg/kg	SW846 6010B	08/02/07	J3FW51AE
		Dilution Factor: 1		Analysis Time..: 19:26	MDL.....: 0.81	
Vanadium	**12**	**2.5**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3FW51AF**
		Dilution Factor: 1		Analysis Time..: 19:26	MDL.....: 0.78	
Zinc	**15**	**3.8**	**mg/kg**	**SW846 6010B**	**08/02-08/03/07**	**J3FW51AG**
		Dilution Factor: 1		Analysis Time..: 16:14	MDL.....: 1.3	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: 0T32-SB03-25A

TOTAL Metals

Lot-Sample #...: D7G240162-021 **Matrix.....:** SO
Date Sampled...: 07/23/07 09:00 **Date Received..:** 07/24/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7207378						
Mercury	ND	42	ug/kg	SW846 7471A	08/02-08/03/07	J3FW71AP
		Dilution Factor: 1		Analysis Time..: 15:18	MDL.....: 3.5	
Prep Batch #...: 7208407						
Silver	ND	1.3	mg/kg	SW846 6010B	08/02/07	J3FW71AR
		Dilution Factor: 1		Analysis Time..: 19:31	MDL.....: 0.20	
Aluminum	**7000**	**13**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3FW71AT**
		Dilution Factor: 1		Analysis Time..: 19:31	MDL.....: 6.2	
Arsenic	ND	2.5	mg/kg	SW846 6010B	08/02/07	J3FW71AU
		Dilution Factor: 1		Analysis Time..: 19:31	MDL.....: 0.83	
Barium	**77**	**1.3**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3FW71AV**
		Dilution Factor: 1		Analysis Time..: 19:31	MDL.....: 0.30	
Beryllium	**0.36 B**	**0.63**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3FW71AW**
		Dilution Factor: 1		Analysis Time..: 19:31	MDL.....: 0.19	
Calcium	**130000**	**63**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3FW71AX**
		Dilution Factor: 1		Analysis Time..: 19:31	MDL.....: 18	
Cadmium	**0.056 B**	**0.63**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3FW71A0**
		Dilution Factor: 1		Analysis Time..: 19:31	MDL.....: 0.052	
Cobalt	**2.2**	**1.3**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3FW71A1**
		Dilution Factor: 1		Analysis Time..: 19:31	MDL.....: 0.13	
Chromium	**7.6**	**1.9**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3FW71A2**
		Dilution Factor: 1		Analysis Time..: 19:31	MDL.....: 0.50	
Copper	**2.9**	**2.5**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3FW71A3**
		Dilution Factor: 1		Analysis Time..: 19:31	MDL.....: 0.71	
Iron	**7600**	**19**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3FW71A4**
		Dilution Factor: 1		Analysis Time..: 19:31	MDL.....: 4.8	
Potassium	**1600**	**380**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3FW71A5**
		Dilution Factor: 1		Analysis Time..: 19:31	MDL.....: 52	

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Bhate Environmental Associates

Client Sample ID: 0T32-SB03-25A

TOTAL Metals

Lot-Sample #...: D7G240162-021 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	**3600**	**25**	**mg/kg**	**SW846 6010B**	**08/02-08/03/07**	**J3FW71A6**
		Dilution Factor: 1		Analysis Time..: 16:20	MDL.....: 4.7	
Manganese	**92**	**1.3**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3FW71A7**
		Dilution Factor: 1		Analysis Time..: 19:31	MDL.....: 0.13	
Sodium	**700**	**630**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3FW71A8**
		Dilution Factor: 1		Analysis Time..: 19:31	MDL.....: 74	
Nickel	**5.1**	**5.0**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3FW71A9**
		Dilution Factor: 1		Analysis Time..: 19:31	MDL.....: 0.30	
Lead	**4.1**	**1.0**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3FW71AA**
		Dilution Factor: 1		Analysis Time..: 19:31	MDL.....: 0.34	
Antimony	ND	1.9	mg/kg	SW846 6010B	08/02/07	J3FW71AC
		Dilution Factor: 1		Analysis Time..: 19:31	MDL.....: 0.48	
Selenium	ND	1.6	mg/kg	SW846 6010B	08/02/07	J3FW71AD
		Dilution Factor: 1		Analysis Time..: 19:31	MDL.....: 1.1	
Thallium	ND	1.5	mg/kg	SW846 6010B	08/02/07	J3FW71AE
		Dilution Factor: 1		Analysis Time..: 19:31	MDL.....: 0.82	
Vanadium	**15**	**2.5**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3FW71AF**
		Dilution Factor: 1		Analysis Time..: 19:31	MDL.....: 0.78	
Zinc	**19**	**3.8**	**mg/kg**	**SW846 6010B**	**08/02-08/03/07**	**J3FW71AG**
		Dilution Factor: 1		Analysis Time..: 16:20	MDL.....: 1.3	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: 0T32-SB03-15-D

TOTAL Metals

Lot-Sample #...: D7G240162-022 **Matrix.....:** WG
Date Sampled...: 07/23/07 08:00 **Date Received..:** 07/24/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7208137						
Silver	ND	10	ug/L	SW846 6010B	07/31-08/01/07	J3FW91AK
		Dilution Factor: 1		Analysis Time..: 21:10	MDL.....: 2.8	
Aluminum	ND	100	ug/L	SW846 6010B	07/31-08/01/07	J3FW91AL
		Dilution Factor: 1		Analysis Time..: 21:10	MDL.....: 18	
Arsenic	ND	15	ug/L	SW846 6010B	07/31-08/01/07	J3FW91AM
		Dilution Factor: 1		Analysis Time..: 21:10	MDL.....: 4.4	
Barium	**3.0 B**	**10**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FW91AN**
		Dilution Factor: 1		Analysis Time..: 21:10	MDL.....: 1.0	
Beryllium	ND	5.0	ug/L	SW846 6010B	07/31-08/01/07	J3FW91AP
		Dilution Factor: 1		Analysis Time..: 21:10	MDL.....: 0.47	
Calcium	**480 J**	**200**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FW91AQ**
		Dilution Factor: 1		Analysis Time..: 21:10	MDL.....: 34	
Cadmium	ND	5.0	ug/L	SW846 6010B	07/31-08/01/07	J3FW91AR
		Dilution Factor: 1		Analysis Time..: 21:10	MDL.....: 0.45	
Cobalt	ND	10	ug/L	SW846 6010B	07/31-08/01/07	J3FW91AT
		Dilution Factor: 1		Analysis Time..: 21:10	MDL.....: 1.2	
Chromium	ND	10	ug/L	SW846 6010B	07/31-08/01/07	J3FW91AU
		Dilution Factor: 1		Analysis Time..: 21:10	MDL.....: 2.6	
Copper	ND	15	ug/L	SW846 6010B	07/31-08/01/07	J3FW91AV
		Dilution Factor: 1		Analysis Time..: 21:10	MDL.....: 4.5	
Iron	**90 B**	**100**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FW91AW**
		Dilution Factor: 1		Analysis Time..: 21:10	MDL.....: 22	
Potassium	ND L	3000	ug/L	SW846 6010B	07/31-08/01/07	J3FW91AX
		Dilution Factor: 1		Analysis Time..: 21:10	MDL.....: 240	
Magnesium	ND	200	ug/L	SW846 6010B	07/31-08/01/07	J3FW91A0
		Dilution Factor: 1		Analysis Time..: 21:10	MDL.....: 43	

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Bhate Environmental Associates

Client Sample ID: 0T32-SB03-15-D

TOTAL Metals

Lot-Sample #...: D7G240162-022 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	**3.5 B**	**10**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FW91A1**
		Dilution Factor: 1		Analysis Time..: 21:10	MDL.....: 1.8	
Sodium	**540 B,J**	**1000**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3FW91A2**
		Dilution Factor: 1		Analysis Time..: 21:10	MDL.....: 92	
Nickel	ND	40	ug/L	SW846 6010B	07/31-08/01/07	J3FW91A3
		Dilution Factor: 1		Analysis Time..: 21:10	MDL.....: 7.8	
Lead	ND	9.0	ug/L	SW846 6010B	07/31-08/01/07	J3FW91A4
		Dilution Factor: 1		Analysis Time..: 21:10	MDL.....: 2.6	
Antimony	ND	10	ug/L	SW846 6010B	07/31-08/01/07	J3FW91A5
		Dilution Factor: 1		Analysis Time..: 21:10	MDL.....: 3.1	
Selenium	ND	15	ug/L	SW846 6010B	07/31-08/01/07	J3FW91A6
		Dilution Factor: 1		Analysis Time..: 21:10	MDL.....: 4.9	
Thallium	ND	15	ug/L	SW846 6010B	07/31-08/01/07	J3FW91AA
		Dilution Factor: 1		Analysis Time..: 21:10	MDL.....: 4.9	
Vanadium	ND	10	ug/L	SW846 6010B	07/31-08/01/07	J3FW91AC
		Dilution Factor: 1		Analysis Time..: 21:10	MDL.....: 2.5	
Zinc	ND	20	ug/L	SW846 6010B	07/31-08/01/07	J3FW91AD
		Dilution Factor: 1		Analysis Time..: 21:10	MDL.....: 4.5	

Prep Batch #...: 7209156

Mercury	**0.028 B,J**	**0.20**	**ug/L**	**SW846 7470A**	**08/02-08/03/07**	**J3FW91AJ**
		Dilution Factor: 1		Analysis Time..: 03:22	MDL.....: 0.027	

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

L Serial dilution of a digestate in the analytical batch indicates that physical and chemical interferences are present.

Bhate Environmental Associates

Client Sample ID: 0T32-SB02-10

TOTAL Metals

Lot-Sample #...: D7G240162-023 **Matrix.....:** SO
Date Sampled...: 07/23/07 10:45 **Date Received..:** 07/24/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7207378						
Mercury	ND	38	ug/kg	SW846 7471A	08/02-08/03/07	J3FXM1AP
		Dilution Factor: 1		Analysis Time..: 15:20	MDL.....: 3.2	
Prep Batch #...: 7208407						
Silver	ND	1.2	mg/kg	SW846 6010B	08/02/07	J3FXM1AR
		Dilution Factor: 1		Analysis Time..: 19:37	MDL.....: 0.19	
Aluminum	**11000**	**12**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3FXM1AT**
		Dilution Factor: 1		Analysis Time..: 19:37	MDL.....: 5.7	
Arsenic	**2.9**	**2.3**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3FXM1AU**
		Dilution Factor: 1		Analysis Time..: 19:37	MDL.....: 0.76	
Barium	**90**	**1.2**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3FXM1AV**
		Dilution Factor: 1		Analysis Time..: 19:37	MDL.....: 0.28	
Beryllium	**0.44 B**	**0.58**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3FXM1AW**
		Dilution Factor: 1		Analysis Time..: 19:37	MDL.....: 0.17	
Calcium	**90000**	**58**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3FXM1AX**
		Dilution Factor: 1		Analysis Time..: 19:37	MDL.....: 16	
Cadmium	**0.060 B**	**0.58**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3FXM1A0**
		Dilution Factor: 1		Analysis Time..: 19:37	MDL.....: 0.048	
Cobalt	**3.3**	**1.2**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3FXM1A1**
		Dilution Factor: 1		Analysis Time..: 19:37	MDL.....: 0.12	
Chromium	**10**	**1.7**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3FXM1A2**
		Dilution Factor: 1		Analysis Time..: 19:37	MDL.....: 0.46	
Copper	**6.3**	**2.3**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3FXM1A3**
		Dilution Factor: 1		Analysis Time..: 19:37	MDL.....: 0.65	
Iron	**8800**	**17**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3FXM1A4**
		Dilution Factor: 1		Analysis Time..: 19:37	MDL.....: 4.4	
Potassium	**2900**	**350**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3FXM1A5**
		Dilution Factor: 1		Analysis Time..: 19:37	MDL.....: 48	

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Bhate Environmental Associates

Client Sample ID: 0T32-SB02-10

TOTAL Metals

Lot-Sample #...: D7G240162-023 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	**7000**	**23**	**mg/kg**	**SW846 6010B**	**08/02-08/07/07**	**J3FXM1A6**
		Dilution Factor: 1		Analysis Time..: 14:09	MDL.....: 4.3	
Manganese	**150**	**1.2**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3FXM1A7**
		Dilution Factor: 1		Analysis Time..: 19:37	MDL.....: 0.12	
Sodium	**2000**	**580**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3FXM1A8**
		Dilution Factor: 1		Analysis Time..: 19:37	MDL.....: 68	
Nickel	**7.2**	**4.6**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3FXM1A9**
		Dilution Factor: 1		Analysis Time..: 19:37	MDL.....: 0.28	
Lead	**4.8**	**0.93**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3FXM1AA**
		Dilution Factor: 1		Analysis Time..: 19:37	MDL.....: 0.31	
Antimony	ND	1.7	mg/kg	SW846 6010B	08/02/07	J3FXM1AC
		Dilution Factor: 1		Analysis Time..: 19:37	MDL.....: 0.44	
Selenium	ND	1.5	mg/kg	SW846 6010B	08/02/07	J3FXM1AD
		Dilution Factor: 1		Analysis Time..: 19:37	MDL.....: 1.0	
Thallium	ND	1.4	mg/kg	SW846 6010B	08/02/07	J3FXM1AE
		Dilution Factor: 1		Analysis Time..: 19:37	MDL.....: 0.75	
Vanadium	**24**	**2.3**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3FXM1AF**
		Dilution Factor: 1		Analysis Time..: 19:37	MDL.....: 0.72	
Zinc	**27**	**3.5**	**mg/kg**	**SW846 6010B**	**08/02-08/07/07**	**J3FXM1AG**
		Dilution Factor: 1		Analysis Time..: 14:09	MDL.....: 1.2	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: 0T32-SB02-25

TOTAL Metals

Lot-Sample #...: D7G240162-024 **Matrix.....:** SO
Date Sampled...: 07/23/07 11:00 **Date Received..:** 07/24/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7207378						
Mercury	ND	42	ug/kg	SW846 7471A	08/02-08/03/07	J3FXQ1AP
		Dilution Factor: 1		Analysis Time..: 15:23	MDL.....: 3.6	
Prep Batch #...: 7208407						
Silver	ND	1.3	mg/kg	SW846 6010B	08/02/07	J3FXQ1AR
		Dilution Factor: 1		Analysis Time..: 18:58	MDL.....: 0.21	
Aluminum	**5000**	**13**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3FXQ1AT**
		Dilution Factor: 1		Analysis Time..: 18:58	MDL.....: 6.3	
Arsenic	ND	2.6	mg/kg	SW846 6010B	08/02/07	J3FXQ1AU
		Dilution Factor: 1		Analysis Time..: 18:58	MDL.....: 0.85	
Barium	**57**	**1.3**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3FXQ1AV**
		Dilution Factor: 1		Analysis Time..: 18:58	MDL.....: 0.31	
Beryllium	**0.21 B**	**0.64**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3FXQ1AW**
		Dilution Factor: 1		Analysis Time..: 18:58	MDL.....: 0.19	
Calcium	**74000**	**64**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3FXQ1AX**
		Dilution Factor: 1		Analysis Time..: 18:58	MDL.....: 18	
Cadmium	ND	0.64	mg/kg	SW846 6010B	08/02/07	J3FXQ1A0
		Dilution Factor: 1		Analysis Time..: 18:58	MDL.....: 0.053	
Cobalt	**1.3**	**1.3**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3FXQ1A1**
		Dilution Factor: 1		Analysis Time..: 18:58	MDL.....: 0.13	
Chromium	**6.2**	**1.9**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3FXQ1A2**
		Dilution Factor: 1		Analysis Time..: 18:58	MDL.....: 0.51	
Copper	**2.4 B**	**2.6**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3FXQ1A3**
		Dilution Factor: 1		Analysis Time..: 18:58	MDL.....: 0.72	
Iron	**4300**	**19**	**mg/kg**	**SW846 6010B**	**08/02-08/03/07**	**J3FXQ1A4**
		Dilution Factor: 1		Analysis Time..: 15:30	MDL.....: 4.9	
Potassium	**1100**	**380**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3FXQ1A5**
		Dilution Factor: 1		Analysis Time..: 18:58	MDL.....: 53	

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Bhate Environmental Associates

Client Sample ID: 0T32-SB02-25

TOTAL Metals

Lot-Sample #...: D7G240162-024 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	**2400**	**26**	**mg/kg**	**SW846 6010B**	**08/02-08/03/07**	**J3FXQ1A6**
		Dilution Factor: 1		Analysis Time..: 15:30	MDL.....: 4.7	
Manganese	**54**	**1.3**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3FXQ1A7**
		Dilution Factor: 1		Analysis Time..: 18:58	MDL.....: 0.13	
Sodium	**710**	**640**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3FXQ1A8**
		Dilution Factor: 1		Analysis Time..: 18:58	MDL.....: 76	
Nickel	**3.2 B**	**5.1**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3FXQ1A9**
		Dilution Factor: 1		Analysis Time..: 18:58	MDL.....: 0.31	
Lead	**2.5**	**1.0**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3FXQ1AA**
		Dilution Factor: 1		Analysis Time..: 18:58	MDL.....: 0.35	
Antimony	ND	1.9	mg/kg	SW846 6010B	08/02/07	J3FXQ1AC
		Dilution Factor: 1		Analysis Time..: 18:58	MDL.....: 0.49	
Selenium	ND	1.7	mg/kg	SW846 6010B	08/02/07	J3FXQ1AD
		Dilution Factor: 1		Analysis Time..: 18:58	MDL.....: 1.1	
Thallium	ND	1.5	mg/kg	SW846 6010B	08/02/07	J3FXQ1AE
		Dilution Factor: 1		Analysis Time..: 18:58	MDL.....: 0.83	
Vanadium	**10**	**2.6**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3FXQ1AF**
		Dilution Factor: 1		Analysis Time..: 18:58	MDL.....: 0.79	
Zinc	**13**	**3.8**	**mg/kg**	**SW846 6010B**	**08/02-08/03/07**	**J3FXQ1AG**
		Dilution Factor: 1		Analysis Time..: 15:30	MDL.....: 1.3	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: 0T32-SB01-15-D

TOTAL Metals

Lot-Sample #...: D7G240162-025 **Matrix.....:** WG
Date Sampled...: 07/23/07 12:10 **Date Received..:** 07/24/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7208137						
Silver	ND	10	ug/L	SW846 6010B	07/31-08/01/07	J3F0F1AK
		Dilution Factor: 1		Analysis Time..: 21:16	MDL.....: 2.8	
Aluminum	**42 B**	**100**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3F0F1AL**
		Dilution Factor: 1		Analysis Time..: 21:16	MDL.....: 18	
Arsenic	ND	15	ug/L	SW846 6010B	07/31-08/01/07	J3F0F1AM
		Dilution Factor: 1		Analysis Time..: 21:16	MDL.....: 4.4	
Barium	**4.0 B**	**10**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3F0F1AN**
		Dilution Factor: 1		Analysis Time..: 21:16	MDL.....: 1.0	
Beryllium	ND	5.0	ug/L	SW846 6010B	07/31-08/01/07	J3F0F1AP
		Dilution Factor: 1		Analysis Time..: 21:16	MDL.....: 0.47	
Calcium	**580 J**	**200**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3F0F1AQ**
		Dilution Factor: 1		Analysis Time..: 21:16	MDL.....: 34	
Cadmium	ND	5.0	ug/L	SW846 6010B	07/31-08/01/07	J3F0F1AR
		Dilution Factor: 1		Analysis Time..: 21:16	MDL.....: 0.45	
Cobalt	ND	10	ug/L	SW846 6010B	07/31-08/01/07	J3F0F1AT
		Dilution Factor: 1		Analysis Time..: 21:16	MDL.....: 1.2	
Chromium	ND	10	ug/L	SW846 6010B	07/31-08/01/07	J3F0F1AU
		Dilution Factor: 1		Analysis Time..: 21:16	MDL.....: 2.6	
Copper	ND	15	ug/L	SW846 6010B	07/31-08/01/07	J3F0F1AV
		Dilution Factor: 1		Analysis Time..: 21:16	MDL.....: 4.5	
Iron	**70 B**	**100**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3F0F1AW**
		Dilution Factor: 1		Analysis Time..: 21:16	MDL.....: 22	
Potassium	ND L	3000	ug/L	SW846 6010B	07/31-08/01/07	J3F0F1AX
		Dilution Factor: 1		Analysis Time..: 21:16	MDL.....: 240	
Magnesium	**56 B**	**200**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3F0F1A0**
		Dilution Factor: 1		Analysis Time..: 21:16	MDL.....: 43	

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Bhate Environmental Associates

Client Sample ID: 0T32-SB01-15-D

TOTAL Metals

Lot-Sample #...: D7G240162-025 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	**3.2 B**	**10**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3F0F1A1**
		Dilution Factor: 1		Analysis Time..: 21:16	MDL.....: 1.8	
Sodium	**560 B,J**	**1000**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3F0F1A2**
		Dilution Factor: 1		Analysis Time..: 21:16	MDL.....: 92	
Nickel	ND	40	ug/L	SW846 6010B	07/31-08/01/07	J3F0F1A3
		Dilution Factor: 1		Analysis Time..: 21:16	MDL.....: 7.8	
Lead	ND	9.0	ug/L	SW846 6010B	07/31-08/01/07	J3F0F1A4
		Dilution Factor: 1		Analysis Time..: 21:16	MDL.....: 2.6	
Antimony	ND	10	ug/L	SW846 6010B	07/31-08/01/07	J3F0F1A5
		Dilution Factor: 1		Analysis Time..: 21:16	MDL.....: 3.1	
Selenium	ND	15	ug/L	SW846 6010B	07/31-08/01/07	J3F0F1A6
		Dilution Factor: 1		Analysis Time..: 21:16	MDL.....: 4.9	
Thallium	ND	15	ug/L	SW846 6010B	07/31-08/01/07	J3F0F1AA
		Dilution Factor: 1		Analysis Time..: 21:16	MDL.....: 4.9	
Vanadium	ND	10	ug/L	SW846 6010B	07/31-08/01/07	J3F0F1AC
		Dilution Factor: 1		Analysis Time..: 21:16	MDL.....: 2.5	
Zinc	**8.9 B,J**	**20**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3F0F1AD**
		Dilution Factor: 1		Analysis Time..: 21:16	MDL.....: 4.5	

Prep Batch #...: 7209156

Mercury	**0.033 B,J**	**0.20**	**ug/L**	**SW846 7470A**	**08/02-08/03/07**	**J3F0F1AJ**
		Dilution Factor: 1		Analysis Time..: 03:24	MDL.....: 0.027	

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

L Serial dilution of a digestate in the analytical batch indicates that physical and chemical interferences are present.

Bhate Environmental Associates

Client Sample ID: 0T32-SB01-15

TOTAL Metals

Lot-Sample #...: D7G240162-026 **Matrix.....:** SO
Date Sampled...: 07/23/07 12:00 **Date Received..:** 07/24/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7207378						
Mercury	ND	39	ug/kg	SW846 7471A	08/02-08/03/07	J3F0L1AP
		Dilution Factor: 1		Analysis Time..: 15:34	MDL.....: 3.3	
Prep Batch #...: 7208407						
Silver	ND	1.2	mg/kg	SW846 6010B	08/02/07	J3F0L1AR
		Dilution Factor: 1		Analysis Time..: 19:43	MDL.....: 0.19	
Aluminum	**5300**	**12**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3F0L1AT**
		Dilution Factor: 1		Analysis Time..: 19:43	MDL.....: 5.8	
Arsenic	**1.1 B**	**2.4**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3F0L1AU**
		Dilution Factor: 1		Analysis Time..: 19:43	MDL.....: 0.78	
Barium	**43**	**1.2**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3F0L1AV**
		Dilution Factor: 1		Analysis Time..: 19:43	MDL.....: 0.28	
Beryllium	**0.25 B**	**0.59**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3F0L1AW**
		Dilution Factor: 1		Analysis Time..: 19:43	MDL.....: 0.18	
Calcium	**150000**	**59**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3F0L1AX**
		Dilution Factor: 1		Analysis Time..: 19:43	MDL.....: 17	
Cadmium	ND	0.59	mg/kg	SW846 6010B	08/02/07	J3F0L1A0
		Dilution Factor: 1		Analysis Time..: 19:43	MDL.....: 0.048	
Cobalt	**1.7**	**1.2**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3F0L1A1**
		Dilution Factor: 1		Analysis Time..: 19:43	MDL.....: 0.12	
Chromium	**5.8**	**1.8**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3F0L1A2**
		Dilution Factor: 1		Analysis Time..: 19:43	MDL.....: 0.47	
Copper	**3.0**	**2.4**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3F0L1A3**
		Dilution Factor: 1		Analysis Time..: 19:43	MDL.....: 0.66	
Iron	**4400**	**18**	**mg/kg**	**SW846 6010B**	**08/02-08/07/07**	**J3F0L1A4**
		Dilution Factor: 1		Analysis Time..: 14:14	MDL.....: 4.5	
Potassium	**1300**	**350**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3F0L1A5**
		Dilution Factor: 1		Analysis Time..: 19:43	MDL.....: 48	

(Continued on next page)

Bhate Environmental Associates

Client Sample ID: 0T32-SB01-15

TOTAL Metals

Lot-Sample #...: D7G240162-026 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	**3000**	**24**	**mg/kg**	**SW846 6010B**	**08/02-08/07/07**	**J3F0L1A6**
		Dilution Factor: 1		Analysis Time..: 14:14	MDL.....: 4.3	
Manganese	**62**	**1.2**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3F0L1A7**
		Dilution Factor: 1		Analysis Time..: 19:43	MDL.....: 0.12	
Sodium	**1300**	**590**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3F0L1A8**
		Dilution Factor: 1		Analysis Time..: 19:43	MDL.....: 69	
Nickel	**4.0 B**	**4.7**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3F0L1A9**
		Dilution Factor: 1		Analysis Time..: 19:43	MDL.....: 0.28	
Lead	**2.8**	**0.94**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3F0L1AA**
		Dilution Factor: 1		Analysis Time..: 19:43	MDL.....: 0.32	
Antimony	ND	1.8	mg/kg	SW846 6010B	08/02/07	J3F0L1AC
		Dilution Factor: 1		Analysis Time..: 19:43	MDL.....: 0.45	
Selenium	ND	1.5	mg/kg	SW846 6010B	08/02/07	J3F0L1AD
		Dilution Factor: 1		Analysis Time..: 19:43	MDL.....: 1.0	
Thallium	ND	1.4	mg/kg	SW846 6010B	08/02/07	J3F0L1AE
		Dilution Factor: 1		Analysis Time..: 19:43	MDL.....: 0.76	
Vanadium	**12**	**2.4**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3F0L1AF**
		Dilution Factor: 1		Analysis Time..: 19:43	MDL.....: 0.73	
Zinc	**14**	**3.5**	**mg/kg**	**SW846 6010B**	**08/02-08/07/07**	**J3F0L1AG**
		Dilution Factor: 1		Analysis Time..: 14:14	MDL.....: 1.2	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: 0T32-SB01-25

TOTAL Metals

Lot-Sample #...: D7G240162-027 **Matrix.....:** SO
Date Sampled...: 07/23/07 12:15 **Date Received..:** 07/24/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7207378						
Mercury	ND	41	ug/kg	SW846 7471A	08/02-08/03/07	J3F0M1AP
		Dilution Factor: 1		Analysis Time..: 15:37	MDL.....: 3.5	
Prep Batch #...: 7208407						
Cobalt	**2.2**	**1.3**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3F0M1A1**
		Dilution Factor: 1		Analysis Time..: 20:05	MDL.....: 0.13	
Chromium	**5.3**	**1.9**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3F0M1A2**
		Dilution Factor: 1		Analysis Time..: 20:05	MDL.....: 0.50	
Copper	**3.2**	**2.5**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3F0M1A3**
		Dilution Factor: 1		Analysis Time..: 20:05	MDL.....: 0.70	
Iron	**5600**	**19**	**mg/kg**	**SW846 6010B**	**08/02-08/07/07**	**J3F0M1A4**
		Dilution Factor: 1		Analysis Time..: 14:20	MDL.....: 4.8	
Potassium	**1100**	**380**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3F0M1A5**
		Dilution Factor: 1		Analysis Time..: 20:05	MDL.....: 51	
Magnesium	**2700**	**25**	**mg/kg**	**SW846 6010B**	**08/02-08/07/07**	**J3F0M1A6**
		Dilution Factor: 1		Analysis Time..: 14:20	MDL.....: 4.6	
Manganese	**130**	**1.3**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3F0M1A7**
		Dilution Factor: 1		Analysis Time..: 20:05	MDL.....: 0.13	
Sodium	**360 B**	**630**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3F0M1A8**
		Dilution Factor: 1		Analysis Time..: 20:05	MDL.....: 74	
Nickel	**4.8 B**	**5.0**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3F0M1A9**
		Dilution Factor: 1		Analysis Time..: 20:05	MDL.....: 0.30	
Lead	**2.4**	**1.0**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3F0M1AA**
		Dilution Factor: 1		Analysis Time..: 20:05	MDL.....: 0.34	
Antimony	ND	1.9	mg/kg	SW846 6010B	08/02/07	J3F0M1AC
		Dilution Factor: 1		Analysis Time..: 20:05	MDL.....: 0.48	
Selenium	ND	1.6	mg/kg	SW846 6010B	08/02/07	J3F0M1AD
		Dilution Factor: 1		Analysis Time..: 20:05	MDL.....: 1.1	

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Bhate Environmental Associates

Client Sample ID: 0T32-SB01-25

TOTAL Metals

Lot-Sample #...: D7G240162-027 **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Thallium	ND	1.5	mg/kg	SW846 6010B	08/02/07	J3F0M1AE
		Dilution Factor: 1		Analysis Time..: 20:05	MDL.....: 0.81	
Vanadium	**20**	**2.5**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3F0M1AF**
		Dilution Factor: 1		Analysis Time..: 20:05	MDL.....: 0.78	
Silver	ND	1.3	mg/kg	SW846 6010B	08/02/07	J3F0M1AR
		Dilution Factor: 1		Analysis Time..: 20:05	MDL.....: 0.20	
Aluminum	**4600**	**13**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3F0M1AT**
		Dilution Factor: 1		Analysis Time..: 20:05	MDL.....: 6.1	
Arsenic	**1.6 B**	**2.5**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3F0M1AU**
		Dilution Factor: 1		Analysis Time..: 20:05	MDL.....: 0.83	
Barium	**23**	**1.3**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3F0M1AV**
		Dilution Factor: 1		Analysis Time..: 20:05	MDL.....: 0.30	
Beryllium	**0.22 B**	**0.63**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3F0M1AW**
		Dilution Factor: 1		Analysis Time..: 20:05	MDL.....: 0.19	
Calcium	**140000**	**63**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3F0M1AX**
		Dilution Factor: 1		Analysis Time..: 20:05	MDL.....: 18	
Cadmium	ND	0.63	mg/kg	SW846 6010B	08/02/07	J3F0M1A0
		Dilution Factor: 1		Analysis Time..: 20:05	MDL.....: 0.051	
Zinc	**11**	**3.8**	**mg/kg**	**SW846 6010B**	**08/02-08/07/07**	**J3F0M1AG**
		Dilution Factor: 1		Analysis Time..: 14:20	MDL.....: 1.3	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: 0T32-TMW05

General Chemistry

Lot-Sample #...: D7G240162-005 **Work Order #...:** J3FVM **Matrix.....:** WG
Date Sampled...: 07/21/07 09:08 **Date Received..:** 07/24/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids	**3900**	**10**	**mg/L**	**MCAWW 160.1**	**07/27/07**	**7218221**

Dilution Factor: 1 Analysis Time..: 12:20 MDL.....: 4.7

Bhate Environmental Associates

Client Sample ID: 0T32-TMW08

General Chemistry

Lot-Sample #...: D7G240162-001 **Work Order #...:** J3FTR **Matrix.....:** WG
Date Sampled...: 07/20/07 15:17 **Date Received..:** 07/24/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids	**14000 Q**	**100**	**mg/L**	**MCAWW 160.1**	**07/27/07**	**7218221**

Dilution Factor: 10 Analysis Time..: 12:20 MDL.....: 47

NOTE(S):

RL Reporting Limit

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

J Result is greater than sample detection limit but less than stated reporting limit.

Bhate Environmental Associates

Client Sample ID: OT32-TMW07

General Chemistry

Lot-Sample #...: D7G240162-002 **Work Order #...:** J3FT0 **Matrix.....:** WG
Date Sampled...: 07/20/07 15:50 **Date Received..:** 07/24/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids	**13000 Q**	**100**	**mg/L**	**MCAWW 160.1**	**07/27/07**	**7218221**

Dilution Factor: 10 Analysis Time..: 12:20 MDL.....: 47

NOTE(S):

RL Reporting Limit

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

J Result is greater than sample detection limit but less than stated reporting limit.

Bhate Environmental Associates

Client Sample ID: 0T32-TMW06

General Chemistry

Lot-Sample #...: D7G240162-003 Work Order #...: J3FT4 Matrix.....: WG
Date Sampled...: 07/21/07 09:10 Date Received..: 07/24/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids	13000 Q	100	mg/L	MCAWW 160.1	07/27/07	7218221

Dilution Factor: 10 Analysis Time..: 12:20 MDL.....: 47

NOTE(S):

RL Reporting Limit

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

J Result is greater than sample detection limit but less than stated reporting limit.

Bhate Environmental Associates

Client Sample ID: 0T32-TMW06-A

General Chemistry

Lot-Sample #...: D7G240162-004 **Work Order #...:** J3FVK **Matrix.....:** WG
Date Sampled...: 07/21/07 09:10 **Date Received..:** 07/24/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids	13000 Q	100	mg/L	MCAWW 160.1	07/27/07	7218221

Dilution Factor: 10 Analysis Time..: 12:20 MDL.....: 47

NOTE(S):

RL Reporting Limit

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

J Result is greater than sample detection limit but less than stated reporting limit.

Bhate Environmental Associates

Client Sample ID: 0T32-TMW05-A

General Chemistry

Lot-Sample #...: D7G240162-006 **Work Order #...:** J3FVN **Matrix.....:** WG
Date Sampled...: 07/21/07 09:08 **Date Received..:** 07/24/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids	4100 Q	100	mg/L	MCAWW 160.1	07/27/07	7218221

Dilution Factor: 10 Analysis Time..: 12:20 MDL.....: 47

NOTE(S):

RL Reporting Limit

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

J Result is greater than sample detection limit but less than stated reporting limit.

Bhate Environmental Associates

Client Sample ID: OT32-TMW04

General Chemistry

Lot-Sample #...: D7G240162-011 **Work Order #...:** J3FVV **Matrix.....:** WG
Date Sampled...: 07/21/07 11:38 **Date Received..:** 07/24/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids	**16000 Q**	**100**	**mg/L**	**MCAWW 160.1**	**07/27/07**	**7218221**

Dilution Factor: 10 Analysis Time..: 12:20 MDL.....: 47

NOTE(S):

RL Reporting Limit

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

J Result is greater than sample detection limit but less than stated reporting limit.

Bhate Environmental Associates

Client Sample ID: RW42-MW02

General Chemistry

Lot-Sample #...: D7G240162-012 **Work Order #...:** J3FV7 **Matrix.....:** WG
Date Sampled...: 07/23/07 09:20 **Date Received..:** 07/24/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids	13000 Q	50	mg/L	MCAWW 160.1	07/30/07	7211580

Dilution Factor: 5 Analysis Time..: 12:40 MDL.....: 24

NOTE(S):

RL Reporting Limit

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

J Result is greater than sample detection limit but less than stated reporting limit.

Bhate Environmental Associates

Client Sample ID: RW42-MW02-A

General Chemistry

Lot-Sample #...: D7G240162-013 Work Order #...: J3FWD Matrix.....: WG
Date Sampled...: 07/23/07 09:20 Date Received..: 07/24/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids	13000 Q	50	mg/L	MCAWW 160.1	07/30/07	7211580

Dilution Factor: 5 Analysis Time..: 12:40 MDL.....: 24

NOTE(S):

RL Reporting Limit

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

J Result is greater than sample detection limit but less than stated reporting limit.

Bhate Environmental Associates

Client Sample ID: RW42-MW03

General Chemistry

Lot-Sample #...: D7G240162-014 **Work Order #...:** J3FWF **Matrix.....:** WG
Date Sampled...: 07/23/07 11:45 **Date Received..:** 07/24/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids	13000 Q	50	mg/L	MCAWW 160.1	07/30/07	7211580

Dilution Factor: 5 Analysis Time..: 12:40 MDL.....: 24

NOTE(S):

RL Reporting Limit

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

J Result is greater than sample detection limit but less than stated reporting limit.

Bhate Environmental Associates

Client Sample ID: 0T32-SB03-15

General Chemistry

Lot-Sample #...: D7G240162-019 **Work Order #...:** J3FWR **Matrix.....:** SO
Date Sampled...: 07/23/07 08:30 **Date Received..:** 07/24/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**18**	**0.10**	**%**	**MCAWW 160.3 MOD**	**07/25/07**	**7206252**
		Dilution Factor: 1		Analysis Time..: 11:00	MDL.....: 0.0	

Bhate Environmental Associates

Client Sample ID: 0T32-SB03-25

General Chemistry

Lot-Sample #...: D7G240162-020 **Work Order #...:** J3FW5 **Matrix.....:** SO
Date Sampled...: 07/23/07 09:00 **Date Received..:** 07/24/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**20**	**0.10**	**%**	**MCAWW 160.3 MOD**	**07/25/07**	**7206252**
		Dilution Factor: 1		Analysis Time..: 11:00	MDL.....: 0.0	

Bhate Environmental Associates

Client Sample ID: 0T32-SB03-25A

General Chemistry

Lot-Sample #...: D7G240162-021 **Work Order #...:** J3FW7 **Matrix.....:** SO
Date Sampled...: 07/23/07 09:00 **Date Received..:** 07/24/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**21**	**0.10**	**%**	**MCAWW 160.3 MOD**	**07/25/07**	**7206252**
		Dilution Factor: 1		Analysis Time..: 11:00	MDL.....: 0.0	

Bhate Environmental Associates

Client Sample ID: 0T32-SB03-15-D

General Chemistry

Lot-Sample #...: D7G240162-022 Work Order #...: J3FW9 Matrix.....: WG
Date Sampled...: 07/23/07 08:00 Date Received..: 07/24/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids	7.0 B	10	mg/L	MCAWW 160.1	07/30/07	7211580

Dilution Factor: 1 Analysis Time..: 12:40 MDL.....: 4.7

NOTE(S):

RL Reporting Limit

B Estimated result. Result is less than RL.

J Result is greater than sample detection limit but less than stated reporting limit.

Bhate Environmental Associates

Client Sample ID: 0T32-SB02-10

General Chemistry

Lot-Sample #...: D7G240162-023 **Work Order #...:** J3FXM **Matrix.....:** SO
Date Sampled...: 07/23/07 10:45 **Date Received..:** 07/24/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**14**	**0.10**	**%**	**MCAWW 160.3 MOD**	**07/25/07**	**7206252**
		Dilution Factor: 1		Analysis Time...: 11:00	MDL.....: 0.0	

Bhate Environmental Associates

Client Sample ID: 0T32-SB02-25

General Chemistry

Lot-Sample #...: D7G240162-024 **Work Order #...:** J3FXQ **Matrix.....:** SO
Date Sampled...: 07/23/07 11:00 **Date Received..:** 07/24/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**22**	**0.10**	**%**	**MCAWW 160.3 MOD**	**07/25/07**	**7206252**
		Dilution Factor: 1		Analysis Time..: 11:00	MDL.....: 0.0	

Bhate Environmental Associates

Client Sample ID: 0T32-SB01-15-D

General Chemistry

Lot-Sample #...: D7G240162-025 **Work Order #...:** J3F0F **Matrix.....:** WG
Date Sampled...: 07/23/07 12:10 **Date Received..:** 07/24/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids	ND	10	mg/L	MCAWW 160.1	07/30/07	7211580

Dilution Factor: 1 Analysis Time..: 12:40 MDL.....: 4.7

NOTE(S):

RL Reporting Limit

J Result is greater than sample detection limit but less than stated reporting limit.

Bhate Environmental Associates

Client Sample ID: 0T32-SB01-15

General Chemistry

Lot-Sample #...: D7G240162-026 **Work Order #...:** J3F0L **Matrix.....:** SO
Date Sampled...: 07/23/07 12:00 **Date Received..:** 07/24/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**15**	**0.10**	**%**	**MCAWW 160.3 MOD**	**07/25/07**	**7206252**
		Dilution Factor: 1		Analysis Time..: 11:00	MDL.....: 0.0	

Bhate Environmental Associates

Client Sample ID: 0T32-SB01-25

General Chemistry

Lot-Sample #...: D7G240162-027 **Work Order #...:** J3F0M **Matrix.....:** SO
Date Sampled...: 07/23/07 12:15 **Date Received..:** 07/24/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**20**	**0.10**	**%**	**MCAWW 160.3 MOD**	**07/25/07**	**7206252**
		Dilution Factor: 1		Analysis Time..: 11:00	MDL.....: 0.0	

Bhate Environmental Associates

Client Sample ID: 0T32-TMW08

Severn Trent Laboratories - Radiochemistry

Lab Sample ID: D7G240162-001
Work Order: J3FTR
Matrix: WG

Date Collected: 07/20/07 1517
Date Received: 07/24/07 0900

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	RL	MDC	Prep Date	Analysis Date
TRITIUM (Distill) by EPA 906.0 MOD			**pCi/L**		**Batch # 7211298**		**Yld %**
Tritium	-70	U	220	500	380	08/02/07	08/03/07

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.
Bold results are greater than the MDC
U Result is less than the sample detection limit.

Bhate Environmental Associates

Client Sample ID: 0T32-TMW07

Severn Trent Laboratories - Radiochemistry

Lab Sample ID:	D7G240162-002	Date Collected:	07/20/07 1550
Work Order:	J3FT0	Date Received:	07/24/07 0900
Matrix:	WG		

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	RL	MDC	Prep Date	Analysis Date
TRITIUM (Distill) by EPA 906.0 MOD			**pCi/L**		**Batch # 7211298**		**Yld %**
Tritium	-190	U	210	500	380	08/02/07	08/03/07

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.

Bold results are greater than the MDC

U Result is less than the sample detection limit.

Bhate Environmental Associates

Client Sample ID: 0T32-TMW06

Severn Trent Laboratories - Radiochemistry

Lab Sample ID: D7G240162-003
Work Order: J3FT4
Matrix: WG

Date Collected: 07/21/07 0910
Date Received: 07/24/07 0900

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	RL	MDC	Prep Date	Analysis Date
TRITIUM (Distill) by EPA 906.0 MOD			**pCi/L**			**Batch # 7211298**	**Yld %**
Tritium	-20	U	540	500	370	08/02/07	08/03/07

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.
Bold results are greater than the MDC
U Result is less than the sample detection limit.

Bhate Environmental Associates

Client Sample ID: 0T32-TMW06-A

Severn Trent Laboratories - Radiochemistry

Lab Sample ID: D7G240162-004
Work Order: J3FVK
Matrix: WG

Date Collected: 07/21/07 0910
Date Received: 07/24/07 0900

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	RL	MDC	Prep Date	Analysis Date
TRITIUM (Distill) by EPA 906.0 MOD			**pCi/L**		**Batch # 7211298**		**Yld %**
Tritium	-60	U	190	500	380	08/02/07	08/03/07

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.
Bold results are greater than the MDC
U Result is less than the sample detection limit.

Bhate Environmental Associates

Client Sample ID: 0T32-TMW05-A

Severn Trent Laboratories - Radiochemistry

Lab Sample ID: D7G240162-006
Work Order: J3FVN
Matrix: WG

Date Collected: 07/21/07 0908
Date Received: 07/24/07 0900

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	RL	MDC	Prep Date	Analysis Date
TRITIUM (Distill) by EPA 906.0 MOD			**pCi/L**			**Batch # 7211298**	**Yld %**
Tritium	-330	U	210	500	380	08/02/07	08/03/07

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.

Bold results are greater than the MDC

U Result is less than the sample detection limit.

Bhate Environmental Associates

Client Sample ID: OT32-TMW04

Severn Trent Laboratories - Radiochemistry

Lab Sample ID:	D7G240162-011	Date Collected:	07/21/07 1138
Work Order:	J3FVV	Date Received:	07/24/07 0900
Matrix:	WG		

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	RL	MDC	Prep Date	Analysis Date
TRITIUM (Distill) by EPA 906.0 MOD			**pCi/L**		**Batch # 7211298**		**Yld %**
Tritium	-230	U	210	500	380	08/02/07	08/03/07

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.

Bold results are greater than the MDC

U Result is less than the sample detection limit.

Bhate Environmental Associates

Client Sample ID: RW42-MW02

Severn Trent Laboratories - Radiochemistry

Lab Sample ID:	D7G240162-012	Date Collected:	07/23/07 0920
Work Order:	J3FV7	Date Received:	07/24/07 0900
Matrix:	WG		

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	RL	MDC	Prep Date	Analysis Date
TRITIUM (Distill) by EPA 906.0 MOD			**pCi/L**			**Batch # 7211298**	**Yld %**
Tritium	30	U	220	500	380	08/02/07	08/03/07

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.
Bold results are greater than the MDC
U Result is less than the sample detection limit.

Bhate Environmental Associates

Client Sample ID: RW42-MW02-A

Severn Trent Laboratories - Radiochemistry

Lab Sample ID:	D7G240162-013	Date Collected:	07/23/07 0920
Work Order:	J3FWD	Date Received:	07/24/07 0900
Matrix:	WG		

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	RL	MDC	Prep Date	Analysis Date
TRITIUM (Distill) by EPA 906.0 MOD			**pCi/L**			**Batch # 7211298**	**Yld %**
Tritium	-20	U	170	500	380	08/02/07	08/03/07

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.
Bold results are greater than the MDC
U Result is less than the sample detection limit.

Bhate Environmental Associates

Client Sample ID: RW42-MW03

Severn Trent Laboratories - Radiochemistry

Lab Sample ID:	D7G240162-014	Date Collected:	07/23/07 1145
Work Order:	J3FWF	Date Received:	07/24/07 0900
Matrix:	WG		

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	RL	MDC	Prep Date	Analysis Date
TRITIUM (Distill) by EPA 906.0 MOD			**pCi/L**		**Batch # 7211298**		**Yld %**
Tritium	-20	U	190	500	380	08/02/07	08/03/07

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.
Bold results are greater than the MDC
U Result is less than the sample detection limit.

Bhate Environmental Associates

Client Sample ID: 0T32-SB03-15

Severn Trent Laboratories - Radiochemistry

Lab Sample ID: D7G240162-019
Work Order: J3FWR
Matrix: SO

Date Collected: 07/23/07 0830
Date Received: 07/24/07 0900

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	RL	MDC	Prep Date	Analysis Date
TRITIUM (Distill) by EPA 906.0 MOD			**pCi/g**			**Batch # 7211296**	**Yld %**
Tritium	-0.12	U	0.30	1.00	0.54	07/30/07	08/03/07

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.
Bold results are greater than the MDC
U Result is less than the sample detection limit.

Bhate Environmental Associates

Client Sample ID: 0T32-SB03-25

Severn Trent Laboratories - Radiochemistry

Lab Sample ID:	D7G240162-020	Date Collected:	07/23/07 0900
Work Order:	J3FW5	Date Received:	07/24/07 0900
Matrix:	SO		

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	RL	MDC	Prep Date	Analysis Date
TRITIUM (Distill) by EPA 906.0 MOD			**pCi/g**			**Batch # 7211296**	**Yld %**
Tritium	0.05	U	0.41	1.00	0.56	07/30/07	08/03/07

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.
Bold results are greater than the MDC
U Result is less than the sample detection limit.

Bhate Environmental Associates

Client Sample ID: 0T32-SB03-25A

Severn Trent Laboratories - Radiochemistry

Lab Sample ID:	D7G240162-021	Date Collected:	07/23/07 0900
Work Order:	J3FW7	Date Received:	07/24/07 0900
Matrix:	SO		

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	RL	MDC	Prep Date	Analysis Date
TRITIUM (Distill) by EPA 906.0 MOD			**pCi/g**			**Batch # 7211296**	**Yld %**
Tritium	-0.06	U	0.29	1.00	0.56	07/30/07	08/03/07

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.

Bold results are greater than the MDC

U Result is less than the sample detection limit.

Bhate Environmental Associates

Client Sample ID: 0T32-SB03-15-D

Severn Trent Laboratories - Radiochemistry

Lab Sample ID: D7G240162-022
Work Order: J3FW9
Matrix: WG

Date Collected: 07/23/07 0800
Date Received: 07/24/07 0900

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	RL	MDC	Prep Date	Analysis Date
TRITIUM (Distill) by EPA 906.0 MOD			**pCi/L**			**Batch # 7211298**	**Yld %**
Tritium	-10	U	180	500	380	08/02/07	08/03/07

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.
Bold results are greater than the MDC
U Result is less than the sample detection limit.

Bhate Environmental Associates

Client Sample ID: 0T32-SB02-10

Severn Trent Laboratories - Radiochemistry

Lab Sample ID: D7G240162-023
Work Order: J3FXM
Matrix: SO

Date Collected: 07/23/07 1045
Date Received: 07/24/07 0900

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	RL	MDC	Prep Date	Analysis Date
TRITIUM (Distill) by EPA 906.0 MOD			**pCi/g**			**Batch # 7211296**	**Yld %**
Tritium	-0.20	U	0.30	1.00	0.53	07/30/07	08/03/07

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.
Bold results are greater than the MDC
U Result is less than the sample detection limit.

Bhate Environmental Associates

Client Sample ID: 0T32-SB02-25

Severn Trent Laboratories - Radiochemistry

Lab Sample ID:	D7G240162-024	Date Collected:	07/23/07 1100
Work Order:	J3FXQ	Date Received:	07/24/07 0900
Matrix:	SO		

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	RL	MDC	Prep Date	Analysis Date
TRITIUM (Distill) by EPA 906.0 MOD			**pCi/g**			**Batch # 7211296**	**Yld %**
Tritium	0.04	U	0.51	1.00	0.56	07/30/07	08/03/07

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.
Bold results are greater than the MDC
U Result is less than the sample detection limit.

Bhate Environmental Associates

Client Sample ID: 0T32-SB01-15-D

Severn Trent Laboratories - Radiochemistry

Lab Sample ID: D7G240162-025
Work Order: J3F0F
Matrix: WG

Date Collected: 07/23/07 1210
Date Received: 07/24/07 0900

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	RL	MDC	Prep Date	Analysis Date
TRITIUM (Distill) by EPA 906.0 MOD			**pCi/L**			**Batch # 7211298**	**Yld %**
Tritium	-100	U	210	500	380	08/02/07	08/03/07

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.
Bold results are greater than the MDC
U Result is less than the sample detection limit.

Bhate Environmental Associates

Client Sample ID: 0T32-SB01-15

Severn Trent Laboratories - Radiochemistry

Lab Sample ID:	D7G240162-026	Date Collected:	07/23/07 1200
Work Order:	J3F0L	Date Received:	07/24/07 0900
Matrix:	SO		

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	RL	MDC	Prep Date	Analysis Date
TRITIUM (Distill) by EPA 906.0 MOD			**pCi/g**		**Batch # 7211296**		**Yld %**
Tritium	-0.24	U	0.29	1.00	0.54	07/30/07	08/03/07

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.

Bold results are greater than the MDC

U Result is less than the sample detection limit.

Bhate Environmental Associates

Client Sample ID: 0T32-SB01-25

Severn Trent Laboratories - Radiochemistry

Lab Sample ID: D7G240162-027
Work Order: J3F0M
Matrix: SO

Date Collected: 07/23/07 1215
Date Received: 07/24/07 0900

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	RL	MDC	Prep Date	Analysis Date
TRITIUM (Distill) by EPA 906.0 MOD			**pCi/g**			**Batch # 7211296**	**Yld %**
Tritium	0.09	U	0.36	1.00	0.56	07/30/07	08/03/07

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.
Bold results are greater than the MDC
U Result is less than the sample detection limit.

QC DATA ASSOCIATION SUMMARY

D7G240162

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WG	MCAWW 160.1		7218221	7218123
	WG	SW846 7470A		7209156	7212100
	WG	SW846 8260B		7214323	7215171
	WG	SW846 8270C		7206241	7206135
	WG	SW846 6010B		7208137	7208075
	WG	EPA 906.0 MOD		7211298	7213092
002	WG	MCAWW 160.1		7218221	7218123
	WG	SW846 7470A		7209156	7212100
	WG	SW846 8260B		7214323	7215171
	WG	SW846 8270C		7206241	7206135
	WG	SW846 6010B		7208137	7208075
	WG	EPA 906.0 MOD		7211298	7213092
003	WG	MCAWW 160.1		7218221	7218123
	WG	SW846 7470A		7209156	7212100
	WG	SW846 8260B		7214323	7215171
	WG	SW846 8270C		7206241	7206135
	WG	SW846 6010B		7208137	7208075
	WG	EPA 906.0 MOD		7211298	7213092
004	WG	MCAWW 160.1		7218221	7218123
	WG	SW846 7470A		7209156	7212100
	WG	SW846 8260B		7214323	7215171
	WG	SW846 8270C		7206241	7206135
	WG	SW846 6010B		7208137	7208075
	WG	EPA 906.0 MOD		7211298	7213092
005	WG	MCAWW 160.1		7218221	7218123
	WG	SW846 7470A		7209156	7212100
	WG	SW846 8260B		7214323	7215171
	WG	SW846 8270C		7206241	7206135
	WG	SW846 6010B		7208137	7208075
006	WG	MCAWW 160.1		7218221	7218123
	WG	SW846 7470A		7209156	7212100
	WG	SW846 8260B		7218063	7218063
	WG	SW846 8270C		7206241	7206135
	WG	SW846 6010B		7208137	7208075
	WG	EPA 906.0 MOD		7211298	7213092

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QC DATA ASSOCIATION SUMMARY

D7G240162

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
007	WQ	SW846 8260B		7218063	7218063
008	WQ	SW846 8260B		7218063	7218063
009	WQ	SW846 8260B		7218063	7218063
010	WQ	SW846 8260B		7218063	7218063
011	WG	MCAWW 160.1		7218221	7218123
	WG	SW846 7470A		7209156	7212100
	WG	SW846 8260B		7218063	7218063
	WG	SW846 8270C		7206241	7206135
	WG	SW846 6010B		7208137	7208075
	WG	EPA 906.0 MOD		7211298	7213092
012	WG	MCAWW 160.1		7211580	7215140
	WG	SW846 7470A		7209156	7212100
	WG	SW846 8260B		7218063	7218063
	WG	SW846 8270C		7206241	7206135
	WG	SW846 6010B		7208137	7208075
	WG	EPA 906.0 MOD		7211298	7213092
013	WG	MCAWW 160.1		7211580	7215140
	WG	SW846 7470A		7209156	7212100
	WG	SW846 8260B		7218063	7218063
	WG	SW846 8270C		7206241	7206135
	WG	SW846 6010B		7208137	7208075
	WG	EPA 906.0 MOD		7211298	7213092
014	WG	MCAWW 160.1		7211580	7215140
	WG	SW846 7470A		7209156	7212100
	WG	SW846 8260B		7218063	7218063
	WG	SW846 8270C		7206241	7206135
	WG	SW846 6010B		7208137	7208075
	WG	EPA 906.0 MOD		7211298	7213092
015	WQ	SW846 8260B		7218063	7218063
016	WQ	SW846 8260B		7218063	7218063
017	WQ	SW846 8260B		7218063	7218063

(Continued on next page)

QC DATA ASSOCIATION SUMMARY

D7G240162

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
018	WQ	SW846 8260B		7218063	7218063
019	SO	SW846 8015B		7205520	7205321
	SO	SW846 8015B		7214542	7214334
	SO	SW846 7471A		7207378	7207224
	SO	SW846 8260B		7217012	
	SO	SW846 8270C		7207139	7207060
	SO	SW846 6010B		7208407	7208255
	SO	MCAWW 160.3 MOD		7206252	7206150
	SO	EPA 906.0 MOD		7211296	7213095
020	SO	SW846 8015B		7205520	7205321
	SO	SW846 8015B		7214542	7214334
	SO	SW846 7471A		7207378	7207224
	SO	SW846 8260B		7215224	7217008
	SO	SW846 8270C		7207139	7207060
	SO	SW846 6010B		7208407	7208255
	SO	MCAWW 160.3 MOD		7206252	7206150
	SO	EPA 906.0 MOD		7211296	7213095
021	SO	SW846 8015B		7205520	7205321
	SO	SW846 8015B		7214542	7214334
	SO	SW846 7471A		7207378	7207224
	SO	SW846 8260B		7215224	7217008
	SO	SW846 8270C		7207139	7207060
	SO	SW846 6010B		7208407	7208255
	SO	MCAWW 160.3 MOD		7206252	7206150
	SO	EPA 906.0 MOD		7211296	7213095
022	WG	MCAWW 160.1		7211580	7215140
	WG	SW846 8015B		7206582	
	WG	SW846 8015B		7209105	7209043
	WG	SW846 7470A		7209156	7212100
	WG	SW846 8260B		7218063	7218063
	WG	SW846 8270C		7206241	7206135
	WG	SW846 8270C		7214361	
	WG	SW846 6010B		7208137	7208075
	WG	EPA 906.0 MOD		7211298	7213092
023	SO	SW846 8015B		7205520	7205321
	SO	SW846 8015B		7214542	7214334
	SO	SW846 7471A		7207378	7207224
	SO	SW846 8260B		7215224	7217008

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QC DATA ASSOCIATION SUMMARY

D7G240162

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
023	SO	SW846 8270C		7207139	7207060
	SO	SW846 6010B		7208407	7208255
	SO	MCAWW 160.3 MOD		7206252	7206150
	SO	EPA 906.0 MOD		7211296	7213095
024	SO	SW846 8015B		7205520	7205321
	SO	SW846 8015B		7214542	7214334
	SO	SW846 7471A		7207378	7207224
	SO	SW846 8260B		7215224	7217008
	SO	SW846 8270C		7207139	7207060
	SO	SW846 6010B		7208407	7208255
	SO	MCAWW 160.3 MOD		7206252	7206150
	SO	EPA 906.0 MOD		7211296	7213095
025	WG	MCAWW 160.1		7211580	7215140
	WG	SW846 8015B		7206582	
	WG	SW846 8015B		7209105	7209043
	WG	SW846 7470A		7209156	7212100
	WG	SW846 8260B		7218063	7218063
	WG	SW846 8270C		7206241	7206135
	WG	SW846 6010B		7208137	7208075
	WG	EPA 906.0 MOD		7211298	7213092
026	SO	SW846 8015B		7205520	7205321
	SO	SW846 8015B		7214542	7214334
	SO	SW846 7471A		7207378	7207224
	SO	SW846 8260B		7215224	7217008
	SO	SW846 8270C		7207139	7207060
	SO	SW846 6010B		7208407	7208255
	SO	MCAWW 160.3 MOD		7206252	7206150
	SO	EPA 906.0 MOD		7211296	7213095
027	SO	SW846 8015B		7205520	7205321
	SO	SW846 8015B		7214542	7214334
	SO	SW846 7471A		7207378	7207224
	SO	SW846 8260B		7215224	7217008
	SO	SW846 8270C		7207139	7207060
	SO	SW846 6010B		7208407	7208255
	SO	MCAWW 160.3 MOD		7206252	7206150
	SO	EPA 906.0 MOD		7211296	7213095

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QC DATA ASSOCIATION SUMMARY

D7G240162

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
028	WQ	SW846 8260B		7218063	7218063
029	WQ	SW846 8260B		7218063	7218063
030	WQ	SW846 8260B		7218063	7218063
031	WQ	SW846 8260B		7218063	7218063
032	WQ	SW846 8260B		7218063	7218063

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: D7G240162 **Work Order #...:** J36PF1AA **Matrix.....:** WATER
MB Lot-Sample #: D7H020000-323

Prep Date.....: 08/01/07 **Analysis Time..:** 14:42
Analysis Date..: 08/01/07 **Prep Batch #...:** 7214323
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	10	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	2.0	ug/L	SW846 8260B
2-Butanone (MEK)	ND	6.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	2.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	2.0	ug/L	SW846 8260B
Dibromomethane	ND	1.0	ug/L	SW846 8260B
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	2.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethene (total)	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	5.0	ug/L	SW846 8260B
Methylene chloride	**0.69 J**	**5.0**	**ug/L**	**SW846 8260B**
4-Methyl-2-pentanone	ND	5.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
1,2,4-Trichloro-benzene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: D7G240162 **Work Order #...:** J36PF1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Trichlorofluoromethane	ND	2.0	ug/L	SW846 8260B
1,2,3-Trichloropropane	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	2.0	ug/L	SW846 8260B
n-Butylbenzene	ND	1.0	ug/L	SW846 8260B
sec-Butylbenzene	ND	1.0	ug/L	SW846 8260B
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
1,3,5-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
n-Propylbenzene	ND	1.0	ug/L	SW846 8260B
tert-Butylbenzene	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
2-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
4-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.0	ug/L	SW846 8260B
1,3-Dichloropropane	ND	5.0	ug/L	SW846 8260B
2,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloropropene	ND	5.0	ug/L	SW846 8260B
Hexachlorobutadiene	ND	1.0	ug/L	SW846 8260B
4-Isopropyltoluene	ND	1.0	ug/L	SW846 8260B
Methyl tert-butyl ether	ND	1.0	ug/L	SW846 8260B
1,2,3-Trichlorobenzene	ND	5.0	ug/L	SW846 8260B
m-Xylene & p-Xylene	ND	1.0	ug/L	SW846 8260B
o-Xylene	ND	2.0	ug/L	SW846 8260B
Bromobenzene	ND	1.0	ug/L	SW846 8260B
Bromochloromethane	ND	1.0	ug/L	SW846 8260B
Naphthalene	ND	1.0	ug/L	SW846 8260B
	ND	1.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	100	(77 - 119)
1,2-Dichloroethane-d4	94	(70 - 127)
4-Bromofluorobenzene	95	(78 - 118)
Toluene-d8	93	(83 - 125)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: D7G240162 **Work Order #...:** J381L1AA **Matrix.....:** SOLID
MB Lot-Sample #: D7H030000-224

Prep Date.....: 07/24/07 **Analysis Time..:** 11:05
Analysis Date..: 08/02/07 **Prep Batch #...:** 7215224
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	20	ug/kg	SW846 8260B
Benzene	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Bromomethane	ND	10	ug/kg	SW846 8260B
2-Butanone (MEK)	**9.5 J**	**20**	**ug/kg**	**SW846 8260B**
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Chloroethane	ND	10	ug/kg	SW846 8260B
Chloroform	ND	10	ug/kg	SW846 8260B
Chloromethane	ND	10	ug/kg	SW846 8260B
Dibromomethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromoethane (EDB)	ND	5.0	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dichlorodifluoromethane	ND	10	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethene (total)	ND	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	2.5	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	2.5	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
2-Hexanone	ND	20	ug/kg	SW846 8260B
Methylene chloride	ND	5.0	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	20	ug/kg	SW846 8260B
Styrene	ND	5.0	ug/kg	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: D7G240162 **Work Order #...:** J381L1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Trichlorofluoromethane	ND	10	ug/kg	SW846 8260B
1,2,3-Trichloropropane	ND	5.0	ug/kg	SW846 8260B
Vinyl chloride	ND	5.0	ug/kg	SW846 8260B
Xylenes (total)	ND	5.0	ug/kg	SW846 8260B
n-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
sec-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
n-Propylbenzene	ND	5.0	ug/kg	SW846 8260B
tert-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B
2-Chlorotoluene	ND	5.0	ug/kg	SW846 8260B
4-Chlorotoluene	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	ND	10	ug/kg	SW846 8260B
1,3-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
2,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
Hexachlorobutadiene	ND	5.0	ug/kg	SW846 8260B
4-Isopropyltoluene	ND	5.0	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	20	ug/kg	SW846 8260B
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	SW846 8260B
m-Xylene & p-Xylene	ND	2.5	ug/kg	SW846 8260B
o-Xylene	ND	2.5	ug/kg	SW846 8260B
Bromobenzene	ND	5.0	ug/kg	SW846 8260B
Bromochloromethane	ND	5.0	ug/kg	SW846 8260B
Naphthalene	ND	5.0	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	115	(75 - 121)
1,2-Dichloroethane-d4	94	(58 - 140)
4-Bromofluorobenzene	109	(76 - 127)
Toluene-d8	113	(80 - 126)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: D7G240162 **Work Order #...:** J39E01AA **Matrix.....:** SOLID
MB Lot-Sample #: D7H050000-012

Prep Date.....: 07/24/07 **Analysis Time..:** 10:05
Analysis Date..: 08/03/07 **Prep Batch #...:** 7217012
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	20	ug/kg	SW846 8260B
Benzene	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Bromomethane	ND	10	ug/kg	SW846 8260B
2-Butanone (MEK)	**9.7 J**	**20**	**ug/kg**	**SW846 8260B**
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Chloroethane	ND	10	ug/kg	SW846 8260B
Chloroform	ND	10	ug/kg	SW846 8260B
Chloromethane	ND	10	ug/kg	SW846 8260B
Dibromomethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromoethane (EDB)	ND	5.0	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dichlorodifluoromethane	ND	10	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethene (total)	ND	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	2.5	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	2.5	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
2-Hexanone	ND	20	ug/kg	SW846 8260B
Methylene chloride	ND	5.0	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	20	ug/kg	SW846 8260B
Styrene	ND	5.0	ug/kg	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B

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GC/MS Volatiles

Client Lot #...: D7G240162 **Work Order #...:** J39E01AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Trichlorofluoromethane	ND	10	ug/kg	SW846 8260B
1,2,3-Trichloropropane	ND	5.0	ug/kg	SW846 8260B
Vinyl chloride	ND	5.0	ug/kg	SW846 8260B
Xylenes (total)	ND	5.0	ug/kg	SW846 8260B
n-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
sec-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
n-Propylbenzene	ND	5.0	ug/kg	SW846 8260B
tert-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B
2-Chlorotoluene	ND	5.0	ug/kg	SW846 8260B
4-Chlorotoluene	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	ND	10	ug/kg	SW846 8260B
1,3-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
2,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
Hexachlorobutadiene	ND	5.0	ug/kg	SW846 8260B
4-Isopropyltoluene	ND	5.0	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	20	ug/kg	SW846 8260B
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	SW846 8260B
m-Xylene & p-Xylene	ND	2.5	ug/kg	SW846 8260B
o-Xylene	ND	2.5	ug/kg	SW846 8260B
Bromobenzene	ND	5.0	ug/kg	SW846 8260B
Bromochloromethane	ND	5.0	ug/kg	SW846 8260B
Naphthalene	ND	5.0	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	118	(75 - 121)
1,2-Dichloroethane-d4	100	(58 - 140)
4-Bromofluorobenzene	111	(76 - 127)
Toluene-d8	112	(80 - 126)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: D7G240162 **Work Order #...:** J387P1AA **Matrix.....:** WATER
MB Lot-Sample #: D7H060000-063

Prep Date.....: 08/03/07 **Analysis Time..:** 11:30
Analysis Date..: 08/03/07 **Prep Batch #...:** 7218063
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	10	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	2.0	ug/L	SW846 8260B
2-Butanone (MEK)	ND	6.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	2.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	2.0	ug/L	SW846 8260B
Dibromomethane	ND	1.0	ug/L	SW846 8260B
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	2.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethene (total)	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	5.0	ug/L	SW846 8260B
Methylene chloride	**0.65 J**	**5.0**	**ug/L**	**SW846 8260B**
4-Methyl-2-pentanone	ND	5.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
1,2,4-Trichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B

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GC/MS Volatiles

Client Lot #...: D7G240162 **Work Order #...:** J387P1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Trichlorofluoromethane	ND	2.0	ug/L	SW846 8260B
1,2,3-Trichloropropane	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	2.0	ug/L	SW846 8260B
n-Butylbenzene	ND	1.0	ug/L	SW846 8260B
sec-Butylbenzene	ND	1.0	ug/L	SW846 8260B
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
1,3,5-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
n-Propylbenzene	ND	1.0	ug/L	SW846 8260B
tert-Butylbenzene	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
2-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
4-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	SW846 8260B
1,3-Dichloropropane	ND	1.0	ug/L	SW846 8260B
2,2-Dichloropropane	ND	5.0	ug/L	SW846 8260B
1,1-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Hexachlorobutadiene	ND	1.0	ug/L	SW846 8260B
4-Isopropyltoluene	ND	1.0	ug/L	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/L	SW846 8260B
1,2,3-Trichlorobenzene	ND	1.0	ug/L	SW846 8260B
m-Xylene & p-Xylene	ND	2.0	ug/L	SW846 8260B
o-Xylene	ND	1.0	ug/L	SW846 8260B
Bromobenzene	ND	1.0	ug/L	SW846 8260B
Bromochloromethane	ND	1.0	ug/L	SW846 8260B
Naphthalene	ND	1.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	98	(77 - 119)
1,2-Dichloroethane-d4	93	(70 - 127)
4-Bromofluorobenzene	96	(78 - 118)
Toluene-d8	99	(83 - 125)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7G240162 **Work Order #...:** J36PF1AC **Matrix.....:** WATER
LCS Lot-Sample#: D7H020000-323
Prep Date.....: 08/01/07 **Analysis Date..:** 08/01/07
Prep Batch #...: 7214323 **Analysis Time..:** 14:05
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Acetone	99	(48 - 130)	SW846 8260B
Benzene	85	(77 - 118)	SW846 8260B
Bromodichloromethane	96	(78 - 118)	SW846 8260B
Bromoform	101	(74 - 121)	SW846 8260B
Bromomethane	92	(42 - 154)	SW846 8260B
2-Butanone (MEK)	92	(57 - 120)	SW846 8260B
Carbon tetrachloride	98	(80 - 120)	SW846 8260B
Chlorobenzene	98	(78 - 118)	SW846 8260B
Chloroethane	89	(51 - 133)	SW846 8260B
Chloroform	98	(78 - 118)	SW846 8260B
Chloromethane	84	(46 - 142)	SW846 8260B
Dibromomethane	109	(77 - 117)	SW846 8260B
1,2-Dibromoethane (EDB)	106	(77 - 117)	SW846 8260B
1,2-Dichlorobenzene	99	(76 - 116)	SW846 8260B
1,3-Dichlorobenzene	95	(75 - 115)	SW846 8260B
1,4-Dichlorobenzene	97	(77 - 117)	SW846 8260B
Dichlorodifluoromethane	87	(56 - 140)	SW846 8260B
1,1-Dichloroethane	99	(77 - 117)	SW846 8260B
1,2-Dichloroethane	96	(74 - 120)	SW846 8260B
1,1-Dichloroethene	104	(68 - 133)	SW846 8260B
1,2-Dichloroethene (total)	98	(78 - 118)	SW846 8260B
cis-1,2-Dichloroethene	96	(75 - 115)	SW846 8260B
trans-1,2-Dichloroethene	100	(80 - 120)	SW846 8260B
1,2-Dichloropropane	103	(76 - 116)	SW846 8260B
cis-1,3-Dichloropropene	105	(76 - 116)	SW846 8260B
trans-1,3-Dichloropropene	108	(72 - 117)	SW846 8260B
Ethylbenzene	94	(78 - 118)	SW846 8260B
2-Hexanone	104	(57 - 121)	SW846 8260B
Methylene chloride	105	(71 - 119)	SW846 8260B
4-Methyl-2-pentanone	106	(65 - 118)	SW846 8260B
Styrene	107	(77 - 117)	SW846 8260B
1,1,1,2-Tetrachloroethane	90	(77 - 117)	SW846 8260B
1,1,2,2-Tetrachloroethane	109	(73 - 119)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7G240162 Work Order #...: J36PF1AC Matrix.....: WATER
LCS Lot-Sample#: D7H020000-323

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Tetrachloroethene	93	(77 - 117)	SW846 8260B
Toluene	88	(73 - 120)	SW846 8260B
1,2,4-Trichloro-benzene	101	(73 - 121)	SW846 8260B
1,1,1-Trichloroethane	101	(78 - 118)	SW846 8260B
1,1,2-Trichloroethane	105	(76 - 116)	SW846 8260B
Trichloroethene	93	(78 - 122)	SW846 8260B
Trichlorofluoromethane	98	(63 - 135)	SW846 8260B
1,2,3-Trichloropropane	100	(72 - 120)	SW846 8260B
Vinyl chloride	88	(49 - 136)	SW846 8260B
Xylenes (total)	97	(77 - 117)	SW846 8260B
n-Butylbenzene	98	(76 - 117)	SW846 8260B
sec-Butylbenzene	95	(80 - 120)	SW846 8260B
Isopropylbenzene	88	(71 - 111)	SW846 8260B
1,2,4-Trimethylbenzene	93	(77 - 117)	SW846 8260B
1,3,5-Trimethylbenzene	94	(77 - 117)	SW846 8260B
n-Propylbenzene	93	(76 - 116)	SW846 8260B
tert-Butylbenzene	94	(76 - 116)	SW846 8260B
Carbon disulfide	69	(56 - 104)	SW846 8260B
Dibromochloromethane	94	(76 - 116)	SW846 8260B
2-Chlorotoluene	92	(76 - 116)	SW846 8260B
4-Chlorotoluene	92	(78 - 118)	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	88	(65 - 117)	SW846 8260B
1,3-Dichloropropane	98	(75 - 115)	SW846 8260B
2,2-Dichloropropane	96	(72 - 128)	SW846 8260B
1,1-Dichloropropene	100	(75 - 115)	SW846 8260B
Hexachlorobutadiene	96	(73 - 123)	SW846 8260B
4-Isopropyltoluene	94	(76 - 113)	SW846 8260B
Methyl tert-butyl ether	94	(58 - 116)	SW846 8260B
1,2,3-Trichlorobenzene	101	(66 - 123)	SW846 8260B
m-Xylene & p-Xylene	96	(78 - 118)	SW846 8260B
o-Xylene	98	(77 - 117)	SW846 8260B
Bromobenzene	99	(75 - 115)	SW846 8260B
Bromochloromethane	96	(78 - 118)	SW846 8260B
Naphthalene	102	(62 - 121)	SW846 8260B
Vinyl acetate	103	(63 - 124)	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7G240162 **Work Order #...:** J36PF1AC **Matrix.....:** WATER
LCS Lot-Sample#: D7H020000-323

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
2-Pentanone	**103**	**(42 - 115)**	**SW846 8260B**
2-Chloroethyl vinyl ether	**99**	**(17 - 150)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	95	(77 - 119)
1,2-Dichloroethane-d4	93	(70 - 127)
4-Bromofluorobenzene	87	(78 - 118)
Toluene-d8	90	(83 - 125)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7G240162 **Work Order #...:** J36PF1AC **Matrix.....:** WATER
LCS Lot-Sample#: D7H020000-323
Prep Date.....: 08/01/07 **Analysis Date..:** 08/01/07
Prep Batch #...: 7214323 **Analysis Time..:** 14:05
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Acetone	10.0	9.85	ug/L	99	SW846 8260B
Benzene	5.00	4.23	ug/L	85	SW846 8260B
Bromodichloromethane	5.00	4.79	ug/L	96	SW846 8260B
Bromoform	5.00	5.04	ug/L	101	SW846 8260B
Bromomethane	5.00	4.60	ug/L	92	SW846 8260B
2-Butanone (MEK)	10.0	9.24	ug/L	92	SW846 8260B
Carbon tetrachloride	5.00	4.92	ug/L	98	SW846 8260B
Chlorobenzene	5.00	4.90	ug/L	98	SW846 8260B
Chloroethane	5.00	4.47	ug/L	89	SW846 8260B
Chloroform	5.00	4.88	ug/L	98	SW846 8260B
Chloromethane	5.00	4.18	ug/L	84	SW846 8260B
Dibromomethane	5.00	5.43	ug/L	109	SW846 8260B
1,2-Dibromoethane (EDB)	5.00	5.31	ug/L	106	SW846 8260B
1,2-Dichlorobenzene	5.00	4.97	ug/L	99	SW846 8260B
1,3-Dichlorobenzene	5.00	4.76	ug/L	95	SW846 8260B
1,4-Dichlorobenzene	5.00	4.86	ug/L	97	SW846 8260B
Dichlorodifluoromethane	5.00	4.34	ug/L	87	SW846 8260B
1,1-Dichloroethane	5.00	4.96	ug/L	99	SW846 8260B
1,2-Dichloroethane	5.00	4.80	ug/L	96	SW846 8260B
1,1-Dichloroethene	5.00	5.22	ug/L	104	SW846 8260B
1,2-Dichloroethene (total)	10.0	9.76	ug/L	98	SW846 8260B
cis-1,2-Dichloroethene	5.00	4.78	ug/L	96	SW846 8260B
trans-1,2-Dichloroethene	5.00	4.98	ug/L	100	SW846 8260B
1,2-Dichloropropane	5.00	5.14	ug/L	103	SW846 8260B
cis-1,3-Dichloropropene	5.00	5.23	ug/L	105	SW846 8260B
trans-1,3-Dichloropropene	5.00	5.40	ug/L	108	SW846 8260B
Ethylbenzene	5.00	4.69	ug/L	94	SW846 8260B
2-Hexanone	10.0	10.4	ug/L	104	SW846 8260B
Methylene chloride	5.00	5.27	ug/L	105	SW846 8260B
4-Methyl-2-pentanone	10.0	10.6	ug/L	106	SW846 8260B
Styrene	5.00	5.36	ug/L	107	SW846 8260B
1,1,1,2-Tetrachloroethane	5.00	4.51	ug/L	90	SW846 8260B
1,1,2,2-Tetrachloroethane	5.00	5.46	ug/L	109	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7G240162 **Work Order #...:** J36PF1AC **Matrix.....:** WATER
LCS Lot-Sample#: D7H020000-323

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Tetrachloroethene	5.00	4.67	ug/L	93	SW846 8260B
Toluene	5.00	4.40	ug/L	88	SW846 8260B
1,2,4-Trichloro-benzene	5.00	5.06	ug/L	101	SW846 8260B
1,1,1-Trichloroethane	5.00	5.07	ug/L	101	SW846 8260B
1,1,2-Trichloroethane	5.00	5.23	ug/L	105	SW846 8260B
Trichloroethene	5.00	4.67	ug/L	93	SW846 8260B
Trichlorofluoromethane	5.00	4.90	ug/L	98	SW846 8260B
1,2,3-Trichloropropane	5.00	5.00	ug/L	100	SW846 8260B
Vinyl chloride	5.00	4.42	ug/L	88	SW846 8260B
Xylenes (total)	15.0	14.5	ug/L	97	SW846 8260B
n-Butylbenzene	5.00	4.90	ug/L	98	SW846 8260B
sec-Butylbenzene	5.00	4.74	ug/L	95	SW846 8260B
Isopropylbenzene	5.00	4.41	ug/L	88	SW846 8260B
1,2,4-Trimethylbenzene	5.00	4.66	ug/L	93	SW846 8260B
1,3,5-Trimethylbenzene	5.00	4.72	ug/L	94	SW846 8260B
n-Propylbenzene	5.00	4.65	ug/L	93	SW846 8260B
tert-Butylbenzene	5.00	4.68	ug/L	94	SW846 8260B
Carbon disulfide	5.00	3.47	ug/L	69	SW846 8260B
Dibromochloromethane	5.00	4.68	ug/L	94	SW846 8260B
2-Chlorotoluene	5.00	4.62	ug/L	92	SW846 8260B
4-Chlorotoluene	5.00	4.62	ug/L	92	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	5.00	4.41	ug/L	88	SW846 8260B
1,3-Dichloropropane	5.00	4.88	ug/L	98	SW846 8260B
2,2-Dichloropropane	5.00	4.79	ug/L	96	SW846 8260B
1,1-Dichloropropene	5.00	4.98	ug/L	100	SW846 8260B
Hexachlorobutadiene	5.00	4.82	ug/L	96	SW846 8260B
4-Isopropyltoluene	5.00	4.71	ug/L	94	SW846 8260B
Methyl tert-butyl ether	10.0	9.40	ug/L	94	SW846 8260B
1,2,3-Trichlorobenzene	5.00	5.05	ug/L	101	SW846 8260B
m-Xylene & p-Xylene	10.0	9.57	ug/L	96	SW846 8260B
o-Xylene	5.00	4.92	ug/L	98	SW846 8260B
Bromobenzene	5.00	4.95	ug/L	99	SW846 8260B
Bromochloromethane	5.00	4.78	ug/L	96	SW846 8260B
Naphthalene	5.00	5.12	ug/L	102	SW846 8260B
Vinyl acetate	5.00	5.13	ug/L	103	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7G240162 **Work Order #...:** J36PF1AC **Matrix.....:** WATER
LCS Lot-Sample#: D7H020000-323

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
2-Pentanone	**10.0**	**10.3**	**ug/L**	**103**	**SW846 8260B**
2-Chloroethyl vinyl ether	**5.00**	**4.94**	**ug/L**	**99**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	95	(77 - 119)
1,2-Dichloroethane-d4	93	(70 - 127)
4-Bromofluorobenzene	87	(78 - 118)
Toluene-d8	90	(83 - 125)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7G240162 Work Order #...: J381L1AC Matrix.....: SOLID
LCS Lot-Sample#: D7H030000-224
Prep Date.....: 07/24/07 Analysis Date..: 08/02/07
Prep Batch #...: 7215224 Analysis Time..: 08:34
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Acetone	82	(45 - 184)	SW846 8260B
Benzene	103	(76 - 116)	SW846 8260B
Bromodichloromethane	101	(74 - 125)	SW846 8260B
Bromoform	97	(75 - 115)	SW846 8260B
Bromomethane	122	(40 - 149)	SW846 8260B
2-Butanone (MEK)	86	(58 - 150)	SW846 8260B
Carbon tetrachloride	100	(69 - 147)	SW846 8260B
Chlorobenzene	92	(74 - 114)	SW846 8260B
Chloroethane	112	(51 - 155)	SW846 8260B
Chloroform	100	(77 - 125)	SW846 8260B
Chloromethane	101	(47 - 148)	SW846 8260B
Dibromomethane	103	(77 - 117)	SW846 8260B
1,2-Dibromoethane (EDB)	91	(75 - 115)	SW846 8260B
1,2-Dichlorobenzene	90	(72 - 112)	SW846 8260B
1,3-Dichlorobenzene	91	(74 - 114)	SW846 8260B
1,4-Dichlorobenzene	90	(73 - 113)	SW846 8260B
Dichlorodifluoromethane	107	(42 - 178)	SW846 8260B
1,1-Dichloroethane	97	(74 - 114)	SW846 8260B
1,2-Dichloroethane	98	(62 - 142)	SW846 8260B
1,1-Dichloroethene	115	(77 - 143)	SW846 8260B
1,2-Dichloroethene (total)	103	(80 - 120)	SW846 8260B
cis-1,2-Dichloroethene	102	(75 - 115)	SW846 8260B
trans-1,2-Dichloroethene	104	(82 - 127)	SW846 8260B
1,2-Dichloropropane	101	(74 - 114)	SW846 8260B
cis-1,3-Dichloropropene	106	(77 - 117)	SW846 8260B
trans-1,3-Dichloropropene	95	(71 - 120)	SW846 8260B
Ethylbenzene	90	(78 - 118)	SW846 8260B
2-Hexanone	82	(58 - 136)	SW846 8260B
Methylene chloride	108	(76 - 116)	SW846 8260B
4-Methyl-2-pentanone	89	(62 - 130)	SW846 8260B
Styrene	95	(77 - 117)	SW846 8260B
1,1,1,2-Tetrachloroethane	96	(76 - 116)	SW846 8260B
1,1,2,2-Tetrachloroethane	88	(68 - 119)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7G240162 **Work Order #...:** J381L1AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7H030000-224

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Tetrachloroethene	99	(71 - 111)	SW846 8260B
Toluene	92	(72 - 113)	SW846 8260B
1,2,4-Trichloro-benzene	92	(73 - 116)	SW846 8260B
1,1,1-Trichloroethane	98	(67 - 143)	SW846 8260B
1,1,2-Trichloroethane	94	(69 - 109)	SW846 8260B
Trichloroethene	105	(78 - 118)	SW846 8260B
Trichlorofluoromethane	126	(50 - 155)	SW846 8260B
1,2,3-Trichloropropane	77	(72 - 122)	SW846 8260B
Vinyl chloride	107	(45 - 148)	SW846 8260B
Xylenes (total)	90	(77 - 117)	SW846 8260B
n-Butylbenzene	86	(66 - 130)	SW846 8260B
sec-Butylbenzene	89	(79 - 128)	SW846 8260B
Isopropylbenzene	84	(71 - 111)	SW846 8260B
1,2,4-Trimethylbenzene	82	(78 - 126)	SW846 8260B
1,3,5-Trimethylbenzene	82	(77 - 125)	SW846 8260B
n-Propylbenzene	82	(79 - 120)	SW846 8260B
tert-Butylbenzene	83	(77 - 124)	SW846 8260B
Carbon disulfide	78	(49 - 121)	SW846 8260B
Dibromochloromethane	96	(74 - 114)	SW846 8260B
2-Chlorotoluene	86	(80 - 120)	SW846 8260B
4-Chlorotoluene	82	(77 - 117)	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	84	(60 - 120)	SW846 8260B
1,3-Dichloropropane	93	(72 - 112)	SW846 8260B
2,2-Dichloropropane	100	(64 - 144)	SW846 8260B
1,1-Dichloropropene	99	(76 - 123)	SW846 8260B
Hexachlorobutadiene	96	(69 - 125)	SW846 8260B
4-Isopropyltoluene	82	(73 - 118)	SW846 8260B
Methyl tert-butyl ether	88	(69 - 129)	SW846 8260B
1,2,3-Trichlorobenzene	106	(69 - 113)	SW846 8260B
m-Xylene & p-Xylene	90	(77 - 117)	SW846 8260B
o-Xylene	90	(77 - 117)	SW846 8260B
Bromobenzene	88	(74 - 114)	SW846 8260B
Bromochloromethane	107	(77 - 117)	SW846 8260B
Naphthalene	95	(65 - 113)	SW846 8260B
Vinyl acetate	100	(79 - 185)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7G240162 **Work Order #...:** J381L1AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7H030000-224

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
2-Pentanone	**73**	**(43 - 143)**	**SW846 8260B**
2-Chloroethyl vinyl ether	**75**	**(48 - 144)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	113	(75 - 121)
1,2-Dichloroethane-d4	95	(58 - 140)
4-Bromofluorobenzene	113	(76 - 127)
Toluene-d8	118	(80 - 126)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7G240162 **Work Order #...:** J381L1AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7H030000-224
Prep Date.....: 07/24/07 **Analysis Date..:** 08/02/07
Prep Batch #...: 7215224 **Analysis Time..:** 08:34
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Acetone	100	81.8	ug/kg	82	SW846 8260B
Benzene	50.0	51.6	ug/kg	103	SW846 8260B
Bromodichloromethane	50.0	50.3	ug/kg	101	SW846 8260B
Bromoform	50.0	48.4	ug/kg	97	SW846 8260B
Bromomethane	50.0	60.8	ug/kg	122	SW846 8260B
2-Butanone (MEK)	100	86.0	ug/kg	86	SW846 8260B
Carbon tetrachloride	50.0	49.8	ug/kg	100	SW846 8260B
Chlorobenzene	50.0	45.8	ug/kg	92	SW846 8260B
Chloroethane	50.0	56.0	ug/kg	112	SW846 8260B
Chloroform	50.0	49.9	ug/kg	100	SW846 8260B
Chloromethane	50.0	50.5	ug/kg	101	SW846 8260B
Dibromomethane	50.0	51.3	ug/kg	103	SW846 8260B
1,2-Dibromoethane (EDB)	50.0	45.7	ug/kg	91	SW846 8260B
1,2-Dichlorobenzene	50.0	45.0	ug/kg	90	SW846 8260B
1,3-Dichlorobenzene	50.0	45.3	ug/kg	91	SW846 8260B
1,4-Dichlorobenzene	50.0	44.8	ug/kg	90	SW846 8260B
Dichlorodifluoromethane	50.0	53.7	ug/kg	107	SW846 8260B
1,1-Dichloroethane	50.0	48.3	ug/kg	97	SW846 8260B
1,2-Dichloroethane	50.0	48.9	ug/kg	98	SW846 8260B
1,1-Dichloroethene	50.0	57.3	ug/kg	115	SW846 8260B
1,2-Dichloroethene (total)	100	103	ug/kg	103	SW846 8260B
cis-1,2-Dichloroethene	50.0	51.0	ug/kg	102	SW846 8260B
trans-1,2-Dichloroethene	50.0	51.9	ug/kg	104	SW846 8260B
1,2-Dichloropropane	50.0	50.6	ug/kg	101	SW846 8260B
cis-1,3-Dichloropropene	50.0	53.0	ug/kg	106	SW846 8260B
trans-1,3-Dichloropropene	50.0	47.4	ug/kg	95	SW846 8260B
Ethylbenzene	50.0	44.9	ug/kg	90	SW846 8260B
2-Hexanone	100	82.5	ug/kg	82	SW846 8260B
Methylene chloride	50.0	54.1	ug/kg	108	SW846 8260B
4-Methyl-2-pentanone	100	88.9	ug/kg	89	SW846 8260B
Styrene	50.0	47.6	ug/kg	95	SW846 8260B
1,1,1,2-Tetrachloroethane	50.0	48.1	ug/kg	96	SW846 8260B
1,1,2,2-Tetrachloroethane	50.0	43.9	ug/kg	88	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7G240162 **Work Order #...:** J381L1AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7H030000-224

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Tetrachloroethene	50.0	49.5	ug/kg	99	SW846 8260B
Toluene	50.0	46.2	ug/kg	92	SW846 8260B
1,2,4-Trichloro-benzene	50.0	46.1	ug/kg	92	SW846 8260B
1,1,1-Trichloroethane	50.0	49.0	ug/kg	98	SW846 8260B
1,1,2-Trichloroethane	50.0	46.9	ug/kg	94	SW846 8260B
Trichloroethene	50.0	52.4	ug/kg	105	SW846 8260B
Trichlorofluoromethane	50.0	62.9	ug/kg	126	SW846 8260B
1,2,3-Trichloropropane	50.0	38.3	ug/kg	77	SW846 8260B
Vinyl chloride	50.0	53.4	ug/kg	107	SW846 8260B
Xylenes (total)	150	135	ug/kg	90	SW846 8260B
n-Butylbenzene	50.0	43.2	ug/kg	86	SW846 8260B
sec-Butylbenzene	50.0	44.7	ug/kg	89	SW846 8260B
Isopropylbenzene	50.0	42.2	ug/kg	84	SW846 8260B
1,2,4-Trimethylbenzene	50.0	41.2	ug/kg	82	SW846 8260B
1,3,5-Trimethylbenzene	50.0	40.8	ug/kg	82	SW846 8260B
n-Propylbenzene	50.0	40.8	ug/kg	82	SW846 8260B
tert-Butylbenzene	50.0	41.4	ug/kg	83	SW846 8260B
Carbon disulfide	50.0	39.1	ug/kg	78	SW846 8260B
Dibromochloromethane	50.0	48.1	ug/kg	96	SW846 8260B
2-Chlorotoluene	50.0	42.9	ug/kg	86	SW846 8260B
4-Chlorotoluene	50.0	41.1	ug/kg	82	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	50.0	42.0	ug/kg	84	SW846 8260B
1,3-Dichloropropane	50.0	46.4	ug/kg	93	SW846 8260B
2,2-Dichloropropane	50.0	49.8	ug/kg	100	SW846 8260B
1,1-Dichloropropene	50.0	49.4	ug/kg	99	SW846 8260B
Hexachlorobutadiene	50.0	48.2	ug/kg	96	SW846 8260B
4-Isopropyltoluene	50.0	41.1	ug/kg	82	SW846 8260B
Methyl tert-butyl ether	100	87.7	ug/kg	88	SW846 8260B
1,2,3-Trichlorobenzene	50.0	53.0	ug/kg	106	SW846 8260B
m-Xylene & p-Xylene	100	89.9	ug/kg	90	SW846 8260B
o-Xylene	50.0	45.2	ug/kg	90	SW846 8260B
Bromobenzene	50.0	44.0	ug/kg	88	SW846 8260B
Bromochloromethane	50.0	53.5	ug/kg	107	SW846 8260B
Naphthalene	50.0	47.6	ug/kg	95	SW846 8260B
Vinyl acetate	50.0	49.8	ug/kg	100	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7G240162 **Work Order #...:** J381L1AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7H030000-224

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
2-Pentanone	**100**	**73.0**	**ug/kg**	**73**	**SW846 8260B**
2-Chloroethyl vinyl ether	**50.0**	**37.7**	**ug/kg**	**75**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	113	(75 - 121)
1,2-Dichloroethane-d4	95	(58 - 140)
4-Bromofluorobenzene	113	(76 - 127)
Toluene-d8	118	(80 - 126)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7G240162 **Work Order #...:** J39E01AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: D7H050000-012 J39E01AD-LCSD
Prep Date.....: 07/24/07 **Analysis Date..:** 08/03/07
Prep Batch #...: 7217012 **Analysis Time..:** 08:19
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acetone	80	(45 - 184)			SW846 8260B
	83	(45 - 184)	2.9	(0-28)	SW846 8260B
Benzene	107	(76 - 116)			SW846 8260B
	108	(76 - 116)	0.27	(0-20)	SW846 8260B
Bromodichloromethane	102	(74 - 125)			SW846 8260B
	102	(74 - 125)	0.11	(0-20)	SW846 8260B
Bromoform	95	(75 - 115)			SW846 8260B
	96	(75 - 115)	0.99	(0-20)	SW846 8260B
Bromomethane	118	(40 - 149)			SW846 8260B
	119	(40 - 149)	0.86	(0-22)	SW846 8260B
2-Butanone (MEK)	86	(58 - 150)			SW846 8260B
	88	(58 - 150)	2.8	(0-32)	SW846 8260B
Carbon tetrachloride	103	(69 - 147)			SW846 8260B
	105	(69 - 147)	1.8	(0-20)	SW846 8260B
Chlorobenzene	94	(74 - 114)			SW846 8260B
	94	(74 - 114)	0.040	(0-20)	SW846 8260B
Chloroethane	106	(51 - 155)			SW846 8260B
	108	(51 - 155)	2.3	(0-22)	SW846 8260B
Chloroform	102	(77 - 125)			SW846 8260B
	103	(77 - 125)	0.68	(0-20)	SW846 8260B
Chloromethane	100	(47 - 148)			SW846 8260B
	98	(47 - 148)	1.6	(0-25)	SW846 8260B
Dibromomethane	102	(77 - 117)			SW846 8260B
	104	(77 - 117)	1.9	(0-20)	SW846 8260B
1,2-Dibromoethane (EDB)	90	(75 - 115)			SW846 8260B
	90	(75 - 115)	0.59	(0-20)	SW846 8260B
1,2-Dichlorobenzene	91	(72 - 112)			SW846 8260B
	94	(72 - 112)	2.6	(0-20)	SW846 8260B
1,3-Dichlorobenzene	89	(74 - 114)			SW846 8260B
	91	(74 - 114)	1.5	(0-20)	SW846 8260B
1,4-Dichlorobenzene	94	(73 - 113)			SW846 8260B
	95	(73 - 113)	1.6	(0-22)	SW846 8260B
Dichlorodifluoromethane	113	(42 - 178)			SW846 8260B
	110	(42 - 178)	2.2	(0-28)	SW846 8260B
1,1-Dichloroethane	101	(74 - 114)			SW846 8260B
	101	(74 - 114)	0.050	(0-20)	SW846 8260B
1,2-Dichloroethane	99	(62 - 142)			SW846 8260B
	99	(62 - 142)	0.25	(0-20)	SW846 8260B
1,1-Dichloroethene	119	(77 - 143)			SW846 8260B
	119	(77 - 143)	0.37	(0-20)	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7G240162 Work Order #...: J39E01AC-LCS Matrix.....: SOLID
LCS Lot-Sample#: D7H050000-012 J39E01AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2-Dichloroethene (total)	106	(80 - 120)			SW846 8260B
	106	(80 - 120)	0.050	(0-20)	SW846 8260B
cis-1,2-Dichloroethene	105	(75 - 115)			SW846 8260B
	105	(75 - 115)	0.40	(0-20)	SW846 8260B
trans-1,2-Dichloroethene	108	(82 - 127)			SW846 8260B
	107	(82 - 127)	0.29	(0-20)	SW846 8260B
1,2-Dichloropropane	107	(74 - 114)			SW846 8260B
	106	(74 - 114)	1.2	(0-20)	SW846 8260B
cis-1,3-Dichloropropene	109	(77 - 117)			SW846 8260B
	109	(77 - 117)	0.15	(0-20)	SW846 8260B
trans-1,3-Dichloropropene	95	(71 - 120)			SW846 8260B
	96	(71 - 120)	1.1	(0-20)	SW846 8260B
Ethylbenzene	94	(78 - 118)			SW846 8260B
	94	(78 - 118)	0.23	(0-20)	SW846 8260B
2-Hexanone	80	(58 - 136)			SW846 8260B
	83	(58 - 136)	3.7	(0-29)	SW846 8260B
Methylene chloride	111	(76 - 116)			SW846 8260B
	111	(76 - 116)	0.58	(0-21)	SW846 8260B
4-Methyl-2-pentanone	87	(62 - 130)			SW846 8260B
	90	(62 - 130)	3.1	(0-25)	SW846 8260B
Styrene	97	(77 - 117)			SW846 8260B
	97	(77 - 117)	0.050	(0-20)	SW846 8260B
1,1,1,2-Tetrachloroethane	98	(76 - 116)			SW846 8260B
	98	(76 - 116)	0.16	(0-20)	SW846 8260B
1,1,2,2-Tetrachloroethane	89	(68 - 119)			SW846 8260B
	91	(68 - 119)	2.1	(0-21)	SW846 8260B
Tetrachloroethene	102	(71 - 111)			SW846 8260B
	103	(71 - 111)	1.4	(0-20)	SW846 8260B
Toluene	94	(72 - 113)			SW846 8260B
	95	(72 - 113)	1.9	(0-20)	SW846 8260B
1,2,4-Trichloro-benzene	89	(73 - 116)			SW846 8260B
	91	(73 - 116)	2.1	(0-26)	SW846 8260B
1,1,1-Trichloroethane	100	(67 - 143)			SW846 8260B
	101	(67 - 143)	0.70	(0-20)	SW846 8260B
1,1,2-Trichloroethane	93	(69 - 109)			SW846 8260B
	94	(69 - 109)	0.81	(0-20)	SW846 8260B
Trichloroethene	107	(78 - 118)			SW846 8260B
	110	(78 - 118)	2.1	(0-20)	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7G240162 **Work Order #...:** J39E01AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: D7H050000-012 J39E01AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Trichlorofluoromethane	125	(50 - 155)			SW846 8260B
	122	(50 - 155)	2.4	(0-33)	SW846 8260B
1,2,3-Trichloropropane	77	(72 - 122)			SW846 8260B
	79	(72 - 122)	3.1	(0-21)	SW846 8260B
Vinyl chloride	108	(45 - 148)			SW846 8260B
	106	(45 - 148)	2.4	(0-24)	SW846 8260B
Xylenes (total)	93	(77 - 117)			SW846 8260B
	93	(77 - 117)	0.27	(0-20)	SW846 8260B
n-Butylbenzene	89	(66 - 130)			SW846 8260B
	92	(66 - 130)	3.2	(0-21)	SW846 8260B
sec-Butylbenzene	95	(79 - 128)			SW846 8260B
	97	(79 - 128)	2.3	(0-22)	SW846 8260B
Isopropylbenzene	87	(71 - 111)			SW846 8260B
	87	(71 - 111)	1.1	(0-20)	SW846 8260B
1,2,4-Trimethylbenzene	85	(78 - 126)			SW846 8260B
	88	(78 - 126)	3.2	(0-20)	SW846 8260B
1,3,5-Trimethylbenzene	86	(77 - 125)			SW846 8260B
	88	(77 - 125)	1.7	(0-21)	SW846 8260B
n-Propylbenzene	87	(79 - 120)			SW846 8260B
	88	(79 - 120)	1.3	(0-22)	SW846 8260B
tert-Butylbenzene	89	(77 - 124)			SW846 8260B
	90	(77 - 124)	1.9	(0-22)	SW846 8260B
Carbon disulfide	75	(49 - 121)			SW846 8260B
	81	(49 - 121)	7.5	(0-24)	SW846 8260B
Dibromochloromethane	96	(74 - 114)			SW846 8260B
	97	(74 - 114)	0.54	(0-20)	SW846 8260B
2-Chlorotoluene	89	(80 - 120)			SW846 8260B
	90	(80 - 120)	1.0	(0-22)	SW846 8260B
4-Chlorotoluene	89	(77 - 117)			SW846 8260B
	90	(77 - 117)	0.99	(0-20)	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	79	(60 - 120)			SW846 8260B
	83	(60 - 120)	5.9	(0-28)	SW846 8260B
1,3-Dichloropropane	93	(72 - 112)			SW846 8260B
	94	(72 - 112)	0.83	(0-20)	SW846 8260B
2,2-Dichloropropane	102	(64 - 144)			SW846 8260B
	102	(64 - 144)	0.78	(0-20)	SW846 8260B
1,1-Dichloropropene	104	(76 - 123)			SW846 8260B
	105	(76 - 123)	1.4	(0-20)	SW846 8260B
Hexachlorobutadiene	97	(69 - 125)			SW846 8260B
	100	(69 - 125)	3.0	(0-25)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7G240162 **Work Order #...:** J39E01AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: D7H050000-012 J39E01AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
4-Isopropyltoluene	**88**	**(73 - 118)**			**SW846 8260B**
	89	**(73 - 118)**	**1.4**	**(0-20)**	**SW846 8260B**
Methyl tert-butyl ether	**90**	**(69 - 129)**			**SW846 8260B**
	90	**(69 - 129)**	**0.020**	**(0-20)**	**SW846 8260B**
1,2,3-Trichlorobenzene	**101**	**(69 - 113)**			**SW846 8260B**
	104	**(69 - 113)**	**3.6**	**(0-31)**	**SW846 8260B**
m-Xylene & p-Xylene	**92**	**(77 - 117)**			**SW846 8260B**
	93	**(77 - 117)**	**0.46**	**(0-20)**	**SW846 8260B**
o-Xylene	**93**	**(77 - 117)**			**SW846 8260B**
	93	**(77 - 117)**	**0.10**	**(0-20)**	**SW846 8260B**
Bromobenzene	**91**	**(74 - 114)**			**SW846 8260B**
	91	**(74 - 114)**	**0.34**	**(0-22)**	**SW846 8260B**
Bromochloromethane	**110**	**(77 - 117)**			**SW846 8260B**
	108	**(77 - 117)**	**1.9**	**(0-21)**	**SW846 8260B**
Naphthalene	**89**	**(65 - 113)**			**SW846 8260B**
	94	**(65 - 113)**	**5.2**	**(0-38)**	**SW846 8260B**
Vinyl acetate	**103**	**(79 - 185)**			**SW846 8260B**
	106	**(79 - 185)**	**2.3**	**(0-27)**	**SW846 8260B**
2-Pentanone	**70**	**(43 - 143)**			**SW846 8260B**
	73	**(43 - 143)**	**5.0**	**(0-30)**	**SW846 8260B**
2-Chloroethyl vinyl ether	**68**	**(48 - 144)**			**SW846 8260B**
	70	**(48 - 144)**	**3.9**	**(0-26)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	112	(75 - 121)
	113	(75 - 121)
1,2-Dichloroethane-d4	94	(58 - 140)
	95	(58 - 140)
4-Bromofluorobenzene	110	(76 - 127)
	111	(76 - 127)
Toluene-d8	115	(80 - 126)
	115	(80 - 126)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7G240162 **Work Order #...:** J39E01AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: D7H050000-012 J39E01AD-LCSD
Prep Date.....: 07/24/07 **Analysis Date..:** 08/03/07
Prep Batch #...: 7217012 **Analysis Time..:** 08:19
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Acetone	100	80.3	ug/kg	80		SW846 8260B
	100	82.6	ug/kg	83	2.9	SW846 8260B
Benzene	50.0	53.6	ug/kg	107		SW846 8260B
	50.0	53.8	ug/kg	108	0.27	SW846 8260B
Bromodichloromethane	50.0	51.0	ug/kg	102		SW846 8260B
	50.0	51.1	ug/kg	102	0.11	SW846 8260B
Bromoform	50.0	47.6	ug/kg	95		SW846 8260B
	50.0	48.1	ug/kg	96	0.99	SW846 8260B
Bromomethane	50.0	58.9	ug/kg	118		SW846 8260B
	50.0	59.4	ug/kg	119	0.86	SW846 8260B
2-Butanone (MEK)	100	86.0	ug/kg	86		SW846 8260B
	100	88.4	ug/kg	88	2.8	SW846 8260B
Carbon tetrachloride	50.0	51.6	ug/kg	103		SW846 8260B
	50.0	52.5	ug/kg	105	1.8	SW846 8260B
Chlorobenzene	50.0	46.9	ug/kg	94		SW846 8260B
	50.0	46.9	ug/kg	94	0.040	SW846 8260B
Chloroethane	50.0	53.0	ug/kg	106		SW846 8260B
	50.0	54.2	ug/kg	108	2.3	SW846 8260B
Chloroform	50.0	51.2	ug/kg	102		SW846 8260B
	50.0	51.6	ug/kg	103	0.68	SW846 8260B
Chloromethane	50.0	50.0	ug/kg	100		SW846 8260B
	50.0	49.2	ug/kg	98	1.6	SW846 8260B
Dibromomethane	50.0	50.9	ug/kg	102		SW846 8260B
	50.0	51.9	ug/kg	104	1.9	SW846 8260B
1,2-Dibromoethane (EDB)	50.0	44.9	ug/kg	90		SW846 8260B
	50.0	45.1	ug/kg	90	0.59	SW846 8260B
1,2-Dichlorobenzene	50.0	45.6	ug/kg	91		SW846 8260B
	50.0	46.8	ug/kg	94	2.6	SW846 8260B
1,3-Dichlorobenzene	50.0	44.7	ug/kg	89		SW846 8260B
	50.0	45.4	ug/kg	91	1.5	SW846 8260B
1,4-Dichlorobenzene	50.0	46.9	ug/kg	94		SW846 8260B
	50.0	47.6	ug/kg	95	1.6	SW846 8260B
Dichlorodifluoromethane	50.0	56.3	ug/kg	113		SW846 8260B
	50.0	55.1	ug/kg	110	2.2	SW846 8260B
1,1-Dichloroethane	50.0	50.7	ug/kg	101		SW846 8260B
	50.0	50.7	ug/kg	101	0.050	SW846 8260B
1,2-Dichloroethane	50.0	49.5	ug/kg	99		SW846 8260B
	50.0	49.7	ug/kg	99	0.25	SW846 8260B
1,1-Dichloroethene	50.0	59.4	ug/kg	119		SW846 8260B
	50.0	59.6	ug/kg	119	0.37	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7G240162 **Work Order #...:** J39E01AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: D7H050000-012 J39E01AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,2-Dichloroethene (total)	100	106	ug/kg	106		SW846 8260B
	100	106	ug/kg	106	0.050	SW846 8260B
cis-1,2-Dichloroethene	50.0	52.4	ug/kg	105		SW846 8260B
	50.0	52.6	ug/kg	105	0.40	SW846 8260B
trans-1,2-Dichloroethene	50.0	53.9	ug/kg	108		SW846 8260B
	50.0	53.7	ug/kg	107	0.29	SW846 8260B
1,2-Dichloropropane	50.0	53.6	ug/kg	107		SW846 8260B
	50.0	52.9	ug/kg	106	1.2	SW846 8260B
cis-1,3-Dichloropropene	50.0	54.5	ug/kg	109		SW846 8260B
	50.0	54.6	ug/kg	109	0.15	SW846 8260B
trans-1,3-Dichloropropene	50.0	47.6	ug/kg	95		SW846 8260B
	50.0	48.2	ug/kg	96	1.1	SW846 8260B
Ethylbenzene	50.0	46.8	ug/kg	94		SW846 8260B
	50.0	46.9	ug/kg	94	0.23	SW846 8260B
2-Hexanone	100	80.2	ug/kg	80		SW846 8260B
	100	83.3	ug/kg	83	3.7	SW846 8260B
Methylene chloride	50.0	55.4	ug/kg	111		SW846 8260B
	50.0	55.7	ug/kg	111	0.58	SW846 8260B
4-Methyl-2-pentanone	100	86.8	ug/kg	87		SW846 8260B
	100	89.6	ug/kg	90	3.1	SW846 8260B
Styrene	50.0	48.3	ug/kg	97		SW846 8260B
	50.0	48.3	ug/kg	97	0.050	SW846 8260B
1,1,1,2-Tetrachloroethane	50.0	48.8	ug/kg	98		SW846 8260B
	50.0	48.8	ug/kg	98	0.16	SW846 8260B
1,1,2,2-Tetrachloroethane	50.0	44.6	ug/kg	89		SW846 8260B
	50.0	45.6	ug/kg	91	2.1	SW846 8260B
Tetrachloroethene	50.0	51.0	ug/kg	102		SW846 8260B
	50.0	51.7	ug/kg	103	1.4	SW846 8260B
Toluene	50.0	46.8	ug/kg	94		SW846 8260B
	50.0	47.7	ug/kg	95	1.9	SW846 8260B
1,2,4-Trichloro-benzene	50.0	44.5	ug/kg	89		SW846 8260B
	50.0	45.4	ug/kg	91	2.1	SW846 8260B
1,1,1-Trichloroethane	50.0	50.1	ug/kg	100		SW846 8260B
	50.0	50.4	ug/kg	101	0.70	SW846 8260B
1,1,2-Trichloroethane	50.0	46.6	ug/kg	93		SW846 8260B
	50.0	47.0	ug/kg	94	0.81	SW846 8260B
Trichloroethene	50.0	53.6	ug/kg	107		SW846 8260B
	50.0	54.8	ug/kg	110	2.1	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7G240162 **Work Order #...:** J39E01AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: D7H050000-012 J39E01AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Trichlorofluoromethane	50.0	62.4	ug/kg	125		SW846 8260B
	50.0	61.0	ug/kg	122	2.4	SW846 8260B
1,2,3-Trichloropropane	50.0	38.3	ug/kg	77		SW846 8260B
	50.0	39.5	ug/kg	79	3.1	SW846 8260B
Vinyl chloride	50.0	54.2	ug/kg	108		SW846 8260B
	50.0	52.9	ug/kg	106	2.4	SW846 8260B
Xylenes (total)	150	139	ug/kg	93		SW846 8260B
	150	139	ug/kg	93	0.27	SW846 8260B
n-Butylbenzene	50.0	44.6	ug/kg	89		SW846 8260B
	50.0	46.0	ug/kg	92	3.2	SW846 8260B
sec-Butylbenzene	50.0	47.5	ug/kg	95		SW846 8260B
	50.0	48.6	ug/kg	97	2.3	SW846 8260B
Isopropylbenzene	50.0	43.3	ug/kg	87		SW846 8260B
	50.0	43.7	ug/kg	87	1.1	SW846 8260B
1,2,4-Trimethylbenzene	50.0	42.6	ug/kg	85		SW846 8260B
	50.0	44.0	ug/kg	88	3.2	SW846 8260B
1,3,5-Trimethylbenzene	50.0	43.0	ug/kg	86		SW846 8260B
	50.0	43.8	ug/kg	88	1.7	SW846 8260B
n-Propylbenzene	50.0	43.6	ug/kg	87		SW846 8260B
	50.0	44.2	ug/kg	88	1.3	SW846 8260B
tert-Butylbenzene	50.0	44.4	ug/kg	89		SW846 8260B
	50.0	45.2	ug/kg	90	1.9	SW846 8260B
Carbon disulfide	50.0	37.4	ug/kg	75		SW846 8260B
	50.0	40.3	ug/kg	81	7.5	SW846 8260B
Dibromochloromethane	50.0	48.2	ug/kg	96		SW846 8260B
	50.0	48.5	ug/kg	97	0.54	SW846 8260B
2-Chlorotoluene	50.0	44.3	ug/kg	89		SW846 8260B
	50.0	44.8	ug/kg	90	1.0	SW846 8260B
4-Chlorotoluene	50.0	44.5	ug/kg	89		SW846 8260B
	50.0	45.0	ug/kg	90	0.99	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	50.0	39.3	ug/kg	79		SW846 8260B
	50.0	41.7	ug/kg	83	5.9	SW846 8260B
1,3-Dichloropropane	50.0	46.7	ug/kg	93		SW846 8260B
	50.0	47.1	ug/kg	94	0.83	SW846 8260B
2,2-Dichloropropane	50.0	51.2	ug/kg	102		SW846 8260B
	50.0	50.8	ug/kg	102	0.78	SW846 8260B
1,1-Dichloropropene	50.0	51.8	ug/kg	104		SW846 8260B
	50.0	52.5	ug/kg	105	1.4	SW846 8260B
Hexachlorobutadiene	50.0	48.5	ug/kg	97		SW846 8260B
	50.0	49.9	ug/kg	100	3.0	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7G240162 **Work Order #...:** J39E01AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: D7H050000-012 J39E01AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
4-Isopropyltoluene	**50.0**	**43.8**	**ug/kg**	**88**		**SW846 8260B**
	50.0	**44.4**	**ug/kg**	**89**	**1.4**	**SW846 8260B**
Methyl tert-butyl ether	**100**	**90.2**	**ug/kg**	**90**		**SW846 8260B**
	100	**90.2**	**ug/kg**	**90**	**0.020**	**SW846 8260B**
1,2,3-Trichlorobenzene	**50.0**	**50.3**	**ug/kg**	**101**		**SW846 8260B**
	50.0	**52.2**	**ug/kg**	**104**	**3.6**	**SW846 8260B**
m-Xylene & p-Xylene	**100**	**92.3**	**ug/kg**	**92**		**SW846 8260B**
	100	**92.7**	**ug/kg**	**93**	**0.46**	**SW846 8260B**
o-Xylene	**50.0**	**46.5**	**ug/kg**	**93**		**SW846 8260B**
	50.0	**46.5**	**ug/kg**	**93**	**0.10**	**SW846 8260B**
Bromobenzene	**50.0**	**45.3**	**ug/kg**	**91**		**SW846 8260B**
	50.0	**45.5**	**ug/kg**	**91**	**0.34**	**SW846 8260B**
Bromochloromethane	**50.0**	**55.1**	**ug/kg**	**110**		**SW846 8260B**
	50.0	**54.0**	**ug/kg**	**108**	**1.9**	**SW846 8260B**
Naphthalene	**50.0**	**44.7**	**ug/kg**	**89**		**SW846 8260B**
	50.0	**47.1**	**ug/kg**	**94**	**5.2**	**SW846 8260B**
Vinyl acetate	**50.0**	**51.7**	**ug/kg**	**103**		**SW846 8260B**
	50.0	**52.9**	**ug/kg**	**106**	**2.3**	**SW846 8260B**
2-Pentanone	**100**	**69.6**	**ug/kg**	**70**		**SW846 8260B**
	100	**73.1**	**ug/kg**	**73**	**5.0**	**SW846 8260B**
2-Chloroethyl vinyl ether	**50.0**	**33.8**	**ug/kg**	**68**		**SW846 8260B**
	50.0	**35.2**	**ug/kg**	**70**	**3.9**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	112	(75 - 121)
	113	(75 - 121)
1,2-Dichloroethane-d4	94	(58 - 140)
	95	(58 - 140)
4-Bromofluorobenzene	110	(76 - 127)
	111	(76 - 127)
Toluene-d8	115	(80 - 126)
	115	(80 - 126)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7G240162 **Work Order #...:** J387P1AC **Matrix.....:** WATER
LCS Lot-Sample#: D7H060000-063
Prep Date.....: 08/03/07 **Analysis Date..:** 08/03/07
Prep Batch #...: 7218063 **Analysis Time..:** 10:53
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Acetone	97	(48 - 130)	SW846 8260B
Benzene	88	(77 - 118)	SW846 8260B
Bromodichloromethane	98	(78 - 118)	SW846 8260B
Bromoform	120	(74 - 121)	SW846 8260B
Bromomethane	104	(42 - 154)	SW846 8260B
2-Butanone (MEK)	91	(57 - 120)	SW846 8260B
Carbon tetrachloride	107	(80 - 120)	SW846 8260B
Chlorobenzene	104	(78 - 118)	SW846 8260B
Chloroethane	91	(51 - 133)	SW846 8260B
Chloroform	105	(78 - 118)	SW846 8260B
Chloromethane	74	(46 - 142)	SW846 8260B
Dibromomethane	108	(77 - 117)	SW846 8260B
1,2-Dibromoethane (EDB)	109	(77 - 117)	SW846 8260B
1,2-Dichlorobenzene	93	(76 - 116)	SW846 8260B
1,3-Dichlorobenzene	95	(75 - 115)	SW846 8260B
1,4-Dichlorobenzene	93	(77 - 117)	SW846 8260B
Dichlorodifluoromethane	80	(56 - 140)	SW846 8260B
1,1-Dichloroethane	96	(77 - 117)	SW846 8260B
1,2-Dichloroethane	99	(74 - 120)	SW846 8260B
1,1-Dichloroethene	112	(68 - 133)	SW846 8260B
1,2-Dichloroethene (total)	98	(78 - 118)	SW846 8260B
cis-1,2-Dichloroethene	98	(75 - 115)	SW846 8260B
trans-1,2-Dichloroethene	99	(80 - 120)	SW846 8260B
1,2-Dichloropropane	87	(76 - 116)	SW846 8260B
cis-1,3-Dichloropropene	103	(76 - 116)	SW846 8260B
trans-1,3-Dichloropropene	102	(72 - 117)	SW846 8260B
Ethylbenzene	102	(78 - 118)	SW846 8260B
2-Hexanone	101	(57 - 121)	SW846 8260B
Methylene chloride	108	(71 - 119)	SW846 8260B
4-Methyl-2-pentanone	100	(65 - 118)	SW846 8260B
Styrene	113	(77 - 117)	SW846 8260B
1,1,1,2-Tetrachloroethane	94	(77 - 117)	SW846 8260B
1,1,2,2-Tetrachloroethane	119	(73 - 119)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7G240162 **Work Order #...:** J387P1AC **Matrix.....:** WATER
LCS Lot-Sample#: D7H060000-063

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Tetrachloroethene	109	(77 - 117)	SW846 8260B
Toluene	101	(73 - 120)	SW846 8260B
1,2,4-Trichloro-benzene	98	(73 - 121)	SW846 8260B
1,1,1-Trichloroethane	104	(78 - 118)	SW846 8260B
1,1,2-Trichloroethane	111	(76 - 116)	SW846 8260B
Trichloroethene	86	(78 - 122)	SW846 8260B
Trichlorofluoromethane	128	(63 - 135)	SW846 8260B
1,2,3-Trichloropropane	92	(72 - 120)	SW846 8260B
Vinyl chloride	77	(49 - 136)	SW846 8260B
Xylenes (total)	110	(77 - 117)	SW846 8260B
n-Butylbenzene	97	(76 - 117)	SW846 8260B
sec-Butylbenzene	81	(80 - 120)	SW846 8260B
Isopropylbenzene	89	(71 - 111)	SW846 8260B
1,2,4-Trimethylbenzene	95	(77 - 117)	SW846 8260B
1,3,5-Trimethylbenzene	92	(77 - 117)	SW846 8260B
n-Propylbenzene	84	(76 - 116)	SW846 8260B
tert-Butylbenzene	82	(76 - 116)	SW846 8260B
Carbon disulfide	70	(56 - 104)	SW846 8260B
Dibromochloromethane	103	(76 - 116)	SW846 8260B
2-Chlorotoluene	84	(76 - 116)	SW846 8260B
4-Chlorotoluene	82	(78 - 118)	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	92	(65 - 117)	SW846 8260B
1,3-Dichloropropane	105	(75 - 115)	SW846 8260B
2,2-Dichloropropane	102	(72 - 128)	SW846 8260B
1,1-Dichloropropene	92	(75 - 115)	SW846 8260B
Hexachlorobutadiene	96	(73 - 123)	SW846 8260B
4-Isopropyltoluene	92	(76 - 113)	SW846 8260B
Methyl tert-butyl ether	85	(58 - 116)	SW846 8260B
1,2,3-Trichlorobenzene	93	(66 - 123)	SW846 8260B
m-Xylene & p-Xylene	112	(78 - 118)	SW846 8260B
o-Xylene	106	(77 - 117)	SW846 8260B
Bromobenzene	89	(75 - 115)	SW846 8260B
Bromochloromethane	86	(78 - 118)	SW846 8260B
Naphthalene	81	(62 - 121)	SW846 8260B
Vinyl acetate	96	(63 - 124)	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7G240162 **Work Order #...:** J387P1AC **Matrix.....:** WATER
LCS Lot-Sample#: D7H060000-063

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
2-Pentanone	**88**	**(42 - 115)**	**SW846 8260B**
2-Chloroethyl vinyl ether	**94**	**(17 - 150)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	98	(77 - 119)
1,2-Dichloroethane-d4	98	(70 - 127)
4-Bromofluorobenzene	104	(78 - 118)
Toluene-d8	97	(83 - 125)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7G240162 **Work Order #...:** J387P1AC **Matrix.....:** WATER
LCS Lot-Sample#: D7H060000-063
Prep Date.....: 08/03/07 **Analysis Date..:** 08/03/07
Prep Batch #...: 7218063 **Analysis Time..:** 10:53
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Acetone	10.0	9.70	ug/L	97	SW846 8260B
Benzene	5.00	4.38	ug/L	88	SW846 8260B
Bromodichloromethane	5.00	4.92	ug/L	98	SW846 8260B
Bromoform	5.00	6.02	ug/L	120	SW846 8260B
Bromomethane	5.00	5.20	ug/L	104	SW846 8260B
2-Butanone (MEK)	10.0	9.06	ug/L	91	SW846 8260B
Carbon tetrachloride	5.00	5.37	ug/L	107	SW846 8260B
Chlorobenzene	5.00	5.19	ug/L	104	SW846 8260B
Chloroethane	5.00	4.57	ug/L	91	SW846 8260B
Chloroform	5.00	5.26	ug/L	105	SW846 8260B
Chloromethane	5.00	3.68	ug/L	74	SW846 8260B
Dibromomethane	5.00	5.39	ug/L	108	SW846 8260B
1,2-Dibromoethane (EDB)	5.00	5.46	ug/L	109	SW846 8260B
1,2-Dichlorobenzene	5.00	4.65	ug/L	93	SW846 8260B
1,3-Dichlorobenzene	5.00	4.75	ug/L	95	SW846 8260B
1,4-Dichlorobenzene	5.00	4.65	ug/L	93	SW846 8260B
Dichlorodifluoromethane	5.00	4.01	ug/L	80	SW846 8260B
1,1-Dichloroethane	5.00	4.82	ug/L	96	SW846 8260B
1,2-Dichloroethane	5.00	4.97	ug/L	99	SW846 8260B
1,1-Dichloroethene	5.00	5.61	ug/L	112	SW846 8260B
1,2-Dichloroethene (total)	10.0	9.82	ug/L	98	SW846 8260B
cis-1,2-Dichloroethene	5.00	4.89	ug/L	98	SW846 8260B
trans-1,2-Dichloroethene	5.00	4.94	ug/L	99	SW846 8260B
1,2-Dichloropropane	5.00	4.36	ug/L	87	SW846 8260B
cis-1,3-Dichloropropene	5.00	5.14	ug/L	103	SW846 8260B
trans-1,3-Dichloropropene	5.00	5.11	ug/L	102	SW846 8260B
Ethylbenzene	5.00	5.10	ug/L	102	SW846 8260B
2-Hexanone	10.0	10.1	ug/L	101	SW846 8260B
Methylene chloride	5.00	5.41	ug/L	108	SW846 8260B
4-Methyl-2-pentanone	10.0	9.96	ug/L	100	SW846 8260B
Styrene	5.00	5.66	ug/L	113	SW846 8260B
1,1,1,2-Tetrachloroethane	5.00	4.70	ug/L	94	SW846 8260B
1,1,2,2-Tetrachloroethane	5.00	5.94	ug/L	119	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7G240162 **Work Order #...:** J387P1AC **Matrix.....:** WATER
LCS Lot-Sample#: D7H060000-063

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Tetrachloroethene	5.00	5.43	ug/L	109	SW846 8260B
Toluene	5.00	5.05	ug/L	101	SW846 8260B
1,2,4-Trichloro-benzene	5.00	4.88	ug/L	98	SW846 8260B
1,1,1-Trichloroethane	5.00	5.20	ug/L	104	SW846 8260B
1,1,2-Trichloroethane	5.00	5.54	ug/L	111	SW846 8260B
Trichloroethene	5.00	4.29	ug/L	86	SW846 8260B
Trichlorofluoromethane	5.00	6.38	ug/L	128	SW846 8260B
1,2,3-Trichloropropane	5.00	4.58	ug/L	92	SW846 8260B
Vinyl chloride	5.00	3.85	ug/L	77	SW846 8260B
Xylenes (total)	15.0	16.5	ug/L	110	SW846 8260B
n-Butylbenzene	5.00	4.85	ug/L	97	SW846 8260B
sec-Butylbenzene	5.00	4.03	ug/L	81	SW846 8260B
Isopropylbenzene	5.00	4.43	ug/L	89	SW846 8260B
1,2,4-Trimethylbenzene	5.00	4.77	ug/L	95	SW846 8260B
1,3,5-Trimethylbenzene	5.00	4.62	ug/L	92	SW846 8260B
n-Propylbenzene	5.00	4.19	ug/L	84	SW846 8260B
tert-Butylbenzene	5.00	4.10	ug/L	82	SW846 8260B
Carbon disulfide	5.00	3.48	ug/L	70	SW846 8260B
Dibromochloromethane	5.00	5.13	ug/L	103	SW846 8260B
2-Chlorotoluene	5.00	4.21	ug/L	84	SW846 8260B
4-Chlorotoluene	5.00	4.09	ug/L	82	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	5.00	4.59	ug/L	92	SW846 8260B
1,3-Dichloropropane	5.00	5.25	ug/L	105	SW846 8260B
2,2-Dichloropropane	5.00	5.12	ug/L	102	SW846 8260B
1,1-Dichloropropene	5.00	4.60	ug/L	92	SW846 8260B
Hexachlorobutadiene	5.00	4.78	ug/L	96	SW846 8260B
4-Isopropyltoluene	5.00	4.58	ug/L	92	SW846 8260B
Methyl tert-butyl ether	10.0	8.47	ug/L	85	SW846 8260B
1,2,3-Trichlorobenzene	5.00	4.66	ug/L	93	SW846 8260B
m-Xylene & p-Xylene	10.0	11.2	ug/L	112	SW846 8260B
o-Xylene	5.00	5.28	ug/L	106	SW846 8260B
Bromobenzene	5.00	4.45	ug/L	89	SW846 8260B
Bromochloromethane	5.00	4.31	ug/L	86	SW846 8260B
Naphthalene	5.00	4.07	ug/L	81	SW846 8260B
Vinyl acetate	5.00	4.79	ug/L	96	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7G240162 **Work Order #...:** J387P1AC **Matrix.....:** WATER
LCS Lot-Sample#: D7H060000-063

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
2-Pentanone	**10.0**	**8.82**	**ug/L**	**88**	**SW846 8260B**
2-Chloroethyl vinyl ether	**5.00**	**4.72**	**ug/L**	**94**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	98	(77 - 119)
1,2-Dichloroethane-d4	98	(70 - 127)
4-Bromofluorobenzene	104	(78 - 118)
Toluene-d8	97	(83 - 125)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7G240162 **Work Order #...:** J3FT41CX-MS **Matrix.....:** WG
MS Lot-Sample #: D7G240162-003 J3FT41C0-MSD
Date Sampled...: 07/21/07 09:10 **Date Received..:** 07/24/07
Prep Date.....: 08/01/07 **Analysis Date..:** 08/01/07
Prep Batch #...: 7214323 **Analysis Time..:** 19:02
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acetone	57	(48 - 130)			SW846 8260B
	147 a	(48 - 130)	21	(0-41)	SW846 8260B
Benzene	83	(77 - 118)			SW846 8260B
	104 p	(77 - 118)	23	(0-20)	SW846 8260B
Bromodichloromethane	91	(78 - 118)			SW846 8260B
	114 p	(78 - 118)	22	(0-20)	SW846 8260B
Bromoform	106	(74 - 121)			SW846 8260B
	126 a	(74 - 121)	17	(0-21)	SW846 8260B
Bromomethane	99	(42 - 154)			SW846 8260B
	108	(42 - 154)	9.1	(0-24)	SW846 8260B
2-Butanone (MEK)	99	(57 - 120)			SW846 8260B
	130 a	(57 - 120)	21	(0-32)	SW846 8260B
Carbon tetrachloride	87	(80 - 120)			SW846 8260B
	109 p	(80 - 120)	23	(0-21)	SW846 8260B
Chlorobenzene	98	(78 - 118)			SW846 8260B
	110	(78 - 118)	12	(0-20)	SW846 8260B
Chloroethane	101	(51 - 133)			SW846 8260B
	114	(51 - 133)	12	(0-25)	SW846 8260B
Chloroform	94	(78 - 118)			SW846 8260B
	120 a,p	(78 - 118)	24	(0-20)	SW846 8260B
Chloromethane	88	(46 - 142)			SW846 8260B
	96	(46 - 142)	8.0	(0-24)	SW846 8260B
Dibromomethane	102	(77 - 117)			SW846 8260B
	126 a,p	(77 - 117)	21	(0-20)	SW846 8260B
1,2-Dibromoethane (EDB)	109	(77 - 117)			SW846 8260B
	124 a	(77 - 117)	13	(0-20)	SW846 8260B
1,2-Dichlorobenzene	88	(76 - 116)			SW846 8260B
	104	(76 - 116)	16	(0-20)	SW846 8260B
1,3-Dichlorobenzene	81	(75 - 115)			SW846 8260B
	101 p	(75 - 115)	23	(0-20)	SW846 8260B
1,4-Dichlorobenzene	82	(77 - 117)			SW846 8260B
	104 p	(77 - 117)	24	(0-23)	SW846 8260B
Dichlorodifluoromethane	88	(56 - 140)			SW846 8260B
	101	(56 - 140)	14	(0-24)	SW846 8260B
1,1-Dichloroethane	87	(77 - 117)			SW846 8260B
	110 p	(77 - 117)	23	(0-21)	SW846 8260B
1,2-Dichloroethane	102	(74 - 120)			SW846 8260B
	123 a	(74 - 120)	19	(0-20)	SW846 8260B
1,1-Dichloroethene	94	(68 - 133)			SW846 8260B
	119 p	(68 - 133)	24	(0-20)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7G240162 **Work Order #...:** J3FT41CX-MS **Matrix.....:** WG
MS Lot-Sample #: D7G240162-003 J3FT41C0-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2-Dichloroethene (total)	92	(78 - 118)			SW846 8260B
	114 p	(78 - 118)	21	(0-20)	SW846 8260B
cis-1,2-Dichloroethene	94	(75 - 115)			SW846 8260B
	113	(75 - 115)	19	(0-20)	SW846 8260B
trans-1,2-Dichloroethene	90	(80 - 120)			SW846 8260B
	114	(80 - 120)	24	(0-24)	SW846 8260B
1,2-Dichloropropane	91	(76 - 116)			SW846 8260B
	115 p	(76 - 116)	23	(0-20)	SW846 8260B
cis-1,3-Dichloropropene	98	(76 - 116)			SW846 8260B
	115	(76 - 116)	17	(0-20)	SW846 8260B
trans-1,3-Dichloropropene	98	(72 - 117)			SW846 8260B
	116	(72 - 117)	18	(0-20)	SW846 8260B
Ethylbenzene	90	(78 - 118)			SW846 8260B
	110	(78 - 118)	20	(0-26)	SW846 8260B
2-Hexanone	123 a	(57 - 121)			SW846 8260B
	136 a	(57 - 121)	9.8	(0-25)	SW846 8260B
Methylene chloride	92	(71 - 119)			SW846 8260B
	114 p	(71 - 119)	21	(0-20)	SW846 8260B
4-Methyl-2-pentanone	130 a	(65 - 118)			SW846 8260B
	144 a	(65 - 118)	10	(0-22)	SW846 8260B
Styrene	66 a	(77 - 117)			SW846 8260B
	70 a	(77 - 117)	5.5	(0-20)	SW846 8260B
1,1,1,2-Tetrachloroethane	93	(77 - 117)			SW846 8260B
	105	(77 - 117)	13	(0-20)	SW846 8260B
1,1,2,2-Tetrachloroethane	117	(73 - 119)			SW846 8260B
	129 a	(73 - 119)	10	(0-20)	SW846 8260B
Tetrachloroethene	90	(77 - 117)			SW846 8260B
	111 p	(77 - 117)	21	(0-20)	SW846 8260B
Toluene	96	(73 - 120)			SW846 8260B
	114	(73 - 120)	17	(0-20)	SW846 8260B
1,2,4-Trichloro-benzene	93	(73 - 121)			SW846 8260B
	118	(73 - 121)	23	(0-25)	SW846 8260B
1,1,1-Trichloroethane	93	(78 - 118)			SW846 8260B
	115 p	(78 - 118)	22	(0-20)	SW846 8260B
1,1,2-Trichloroethane	111	(76 - 116)			SW846 8260B
	126 a	(76 - 116)	12	(0-21)	SW846 8260B
Trichloroethene	82	(78 - 122)			SW846 8260B
	103 p	(78 - 122)	23	(0-20)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7G240162 **Work Order #...:** J3FT41CX-MS **Matrix.....:** WG
MS Lot-Sample #: D7G240162-003 J3FT41C0-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Trichlorofluoromethane	108	(63 - 135)			SW846 8260B
	133	(63 - 135)	20	(0-20)	SW846 8260B
1,2,3-Trichloropropane	95	(72 - 120)			SW846 8260B
	115	(72 - 120)	19	(0-23)	SW846 8260B
Vinyl chloride	89	(49 - 136)			SW846 8260B
	98	(49 - 136)	9.4	(0-24)	SW846 8260B
Xylenes (total)	94	(77 - 117)			SW846 8260B
	108	(77 - 117)	14	(0-20)	SW846 8260B
n-Butylbenzene	79	(76 - 117)			SW846 8260B
	104 p	(76 - 117)	27	(0-21)	SW846 8260B
sec-Butylbenzene	71 a	(80 - 120)			SW846 8260B
	93 p	(80 - 120)	27	(0-21)	SW846 8260B
Isopropylbenzene	79	(71 - 111)			SW846 8260B
	101 p	(71 - 111)	24	(0-20)	SW846 8260B
1,2,4-Trimethylbenzene	84	(77 - 117)			SW846 8260B
	108 p	(77 - 117)	25	(0-20)	SW846 8260B
1,3,5-Trimethylbenzene	82	(77 - 117)			SW846 8260B
	97	(77 - 117)	17	(0-20)	SW846 8260B
n-Propylbenzene	71 a	(76 - 116)			SW846 8260B
	89 p	(76 - 116)	22	(0-20)	SW846 8260B
tert-Butylbenzene	76	(76 - 116)			SW846 8260B
	97 p	(76 - 116)	24	(0-21)	SW846 8260B
Carbon disulfide	66	(56 - 104)			SW846 8260B
	72	(56 - 104)	8.7	(0-20)	SW846 8260B
Dibromochloromethane	98	(76 - 116)			SW846 8260B
	115	(76 - 116)	16	(0-20)	SW846 8260B
2-Chlorotoluene	76	(76 - 116)			SW846 8260B
	91	(76 - 116)	18	(0-20)	SW846 8260B
4-Chlorotoluene	68 a	(78 - 118)			SW846 8260B
	94 p	(78 - 118)	32	(0-20)	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	86	(65 - 117)			SW846 8260B
	111 p	(65 - 117)	26	(0-22)	SW846 8260B
1,3-Dichloropropane	105	(75 - 115)			SW846 8260B
	122 a	(75 - 115)	15	(0-20)	SW846 8260B
2,2-Dichloropropane	80	(72 - 128)			SW846 8260B
	99	(72 - 128)	21	(0-24)	SW846 8260B
1,1-Dichloropropene	81	(75 - 115)			SW846 8260B
	104 p	(75 - 115)	24	(0-21)	SW846 8260B
Hexachlorobutadiene	76	(73 - 123)			SW846 8260B
	92	(73 - 123)	20	(0-25)	SW846 8260B

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7G240162 **Work Order #...:** J3FT41CX-MS **Matrix.....:** WG
MS Lot-Sample #: D7G240162-003 J3FT41C0-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
4-Isopropyltoluene	**72 a**	**(76 - 113)**			**SW846 8260B**
	95 p	**(76 - 113)**	**25**	**(0-20)**	**SW846 8260B**
Methyl tert-butyl ether	**90**	**(58 - 116)**			**SW846 8260B**
	116 p	**(58 - 116)**	**26**	**(0-21)**	**SW846 8260B**
1,2,3-Trichlorobenzene	**98**	**(66 - 123)**			**SW846 8260B**
	121	**(66 - 123)**	**21**	**(0-29)**	**SW846 8260B**
m-Xylene & p-Xylene	**94**	**(78 - 118)**			**SW846 8260B**
	107	**(78 - 118)**	**13**	**(0-20)**	**SW846 8260B**
o-Xylene	**93**	**(77 - 117)**			**SW846 8260B**
	110	**(77 - 117)**	**16**	**(0-20)**	**SW846 8260B**
Bromobenzene	**83**	**(75 - 115)**			**SW846 8260B**
	105 p	**(75 - 115)**	**23**	**(0-20)**	**SW846 8260B**
Bromochloromethane	**84**	**(78 - 118)**			**SW846 8260B**
	107 p	**(78 - 118)**	**24**	**(0-20)**	**SW846 8260B**
Naphthalene	**92**	**(62 - 121)**			**SW846 8260B**
	115	**(62 - 121)**	**22**	**(0-32)**	**SW846 8260B**
Vinyl acetate	**88**	**(63 - 124)**			**SW846 8260B**
	101	**(63 - 124)**	**14**	**(0-24)**	**SW846 8260B**
2-Pentanone	**107**	**(42 - 115)**			**SW846 8260B**
	121 a	**(42 - 115)**	**12**	**(0-26)**	**SW846 8260B**
2-Chloroethyl vinyl ether	**0.0 a**	**(17 - 150)**			**SW846 8260B**
	0.0 a	**(17 - 150)**	**0.0**	**(0-31)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	92	(77 - 119)
	100	(77 - 119)
1,2-Dichloroethane-d4	94	(70 - 127)
	101	(70 - 127)
4-Bromofluorobenzene	100	(78 - 118)
	99	(78 - 118)
Toluene-d8	92	(83 - 125)
	95	(83 - 125)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

p Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7G240162 **Work Order #...:** J3FT41CX-MS **Matrix.....:** WG
MS Lot-Sample #: D7G240162-003 J3FT41C0-MSD
Date Sampled...: 07/21/07 09:10 **Date Received..:** 07/24/07
Prep Date.....: 08/01/07 **Analysis Date..:** 08/01/07
Prep Batch #...: 7214323 **Analysis Time..:** 19:02
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Acetone	33	10.0	39.0	ug/L	57		SW846 8260B
	33	10.0	48.0	ug/L	147 a	21	SW846 8260B
Benzene	ND	5.00	4.13	ug/L	83		SW846 8260B
	ND	5.00	5.20	ug/L	104 p	23	SW846 8260B
Bromodichloromethane	ND	5.00	4.55	ug/L	91		SW846 8260B
	ND	5.00	5.69	ug/L	114 p	22	SW846 8260B
Bromoform	ND	5.00	5.31	ug/L	106		SW846 8260B
	ND	5.00	6.31	ug/L	126 a	17	SW846 8260B
Bromomethane	ND	5.00	4.93	ug/L	99		SW846 8260B
	ND	5.00	5.40	ug/L	108	9.1	SW846 8260B
2-Butanone (MEK)	3.9	10.0	13.8	ug/L	99		SW846 8260B
	3.9	10.0	17.0	ug/L	130 a	21	SW846 8260B
Carbon tetrachloride	ND	5.00	4.35	ug/L	87		SW846 8260B
	ND	5.00	5.47	ug/L	109 p	23	SW846 8260B
Chlorobenzene	ND	5.00	4.88	ug/L	98		SW846 8260B
	ND	5.00	5.52	ug/L	110	12	SW846 8260B
Chloroethane	ND	5.00	5.05	ug/L	101		SW846 8260B
	ND	5.00	5.68	ug/L	114	12	SW846 8260B
Chloroform	ND	5.00	4.70	ug/L	94		SW846 8260B
	ND	5.00	5.98	ug/L	120	24	SW846 8260B
	Qualifiers:	a,p					
Chloromethane	ND	5.00	4.42	ug/L	88		SW846 8260B
	ND	5.00	4.79	ug/L	96	8.0	SW846 8260B
Dibromomethane	ND	5.00	5.10	ug/L	102		SW846 8260B
	ND	5.00	6.28	ug/L	126	21	SW846 8260B
	Qualifiers:	a,p					
1,2-Dibromoethane (EDB)	ND	5.00	5.45	ug/L	109		SW846 8260B
	ND	5.00	6.18	ug/L	124 a	13	SW846 8260B
1,2-Dichlorobenzene	ND	5.00	4.42	ug/L	88		SW846 8260B
	ND	5.00	5.19	ug/L	104	16	SW846 8260B
1,3-Dichlorobenzene	ND	5.00	4.03	ug/L	81		SW846 8260B
	ND	5.00	5.06	ug/L	101 p	23	SW846 8260B
1,4-Dichlorobenzene	ND	5.00	4.10	ug/L	82		SW846 8260B
	ND	5.00	5.20	ug/L	104 p	24	SW846 8260B
Dichlorodifluoromethane	ND	5.00	4.39	ug/L	88		SW846 8260B
	ND	5.00	5.03	ug/L	101	14	SW846 8260B
1,1-Dichloroethane	ND	5.00	4.33	ug/L	87		SW846 8260B
	ND	5.00	5.48	ug/L	110 p	23	SW846 8260B
1,2-Dichloroethane	ND	5.00	5.08	ug/L	102		SW846 8260B
	ND	5.00	6.14	ug/L	123 a	19	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7G240162 **Work Order #...:** J3FT41CX-MS **Matrix.....:** WG
MS Lot-Sample #: D7G240162-003 J3FT41C0-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethene	ND	5.00	4.69	ug/L	94		SW846 8260B
	ND	5.00	5.97	ug/L	119 p	24	SW846 8260B
1,2-Dichloroethene (total)	ND	10.0	9.16	ug/L	92		SW846 8260B
	ND	10.0	11.4	ug/L	114 p	21	SW846 8260B
cis-1,2-Dichloroethene	ND	5.00	4.69	ug/L	94		SW846 8260B
	ND	5.00	5.65	ug/L	113	19	SW846 8260B
trans-1,2-Dichloroethene	ND	5.00	4.48	ug/L	90		SW846 8260B
	ND	5.00	5.70	ug/L	114	24	SW846 8260B
1,2-Dichloropropane	ND	5.00	4.54	ug/L	91		SW846 8260B
	ND	5.00	5.73	ug/L	115 p	23	SW846 8260B
cis-1,3-Dichloropropene	ND	5.00	4.88	ug/L	98		SW846 8260B
	ND	5.00	5.77	ug/L	115	17	SW846 8260B
trans-1,3-Dichloropropene	ND	5.00	4.88	ug/L	98		SW846 8260B
	ND	5.00	5.81	ug/L	116	18	SW846 8260B
Ethylbenzene	ND	5.00	4.50	ug/L	90		SW846 8260B
	ND	5.00	5.49	ug/L	110	20	SW846 8260B
2-Hexanone	ND	10.0	12.3	ug/L	123 a		SW846 8260B
	ND	10.0	13.6	ug/L	136 a	9.8	SW846 8260B
Methylene chloride	ND	5.00	4.58	ug/L	92		SW846 8260B
	ND	5.00	5.68	ug/L	114 p	21	SW846 8260B
4-Methyl-2-pentanone	ND	10.0	13.0	ug/L	130 a		SW846 8260B
	ND	10.0	14.4	ug/L	144 a	10	SW846 8260B
Styrene	ND	5.00	3.31	ug/L	66 a		SW846 8260B
	ND	5.00	3.50	ug/L	70 a	5.5	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	5.00	4.63	ug/L	93		SW846 8260B
	ND	5.00	5.26	ug/L	105	13	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.00	5.84	ug/L	117		SW846 8260B
	ND	5.00	6.47	ug/L	129 a	10	SW846 8260B
Tetrachloroethene	ND	5.00	4.51	ug/L	90		SW846 8260B
	ND	5.00	5.56	ug/L	111 p	21	SW846 8260B
Toluene	ND	5.00	4.79	ug/L	96		SW846 8260B
	ND	5.00	5.69	ug/L	114	17	SW846 8260B
1,2,4-Trichloro-benzene	ND	5.00	4.67	ug/L	93		SW846 8260B
	ND	5.00	5.88	ug/L	118	23	SW846 8260B
1,1,1-Trichloroethane	ND	5.00	4.63	ug/L	93		SW846 8260B
	ND	5.00	5.75	ug/L	115 p	22	SW846 8260B
1,1,2-Trichloroethane	ND	5.00	5.57	ug/L	111		SW846 8260B
	ND	5.00	6.28	ug/L	126 a	12	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7G240162 **Work Order #...:** J3FT41CX-MS **Matrix.....:** WG
MS Lot-Sample #: D7G240162-003 J3FT41C0-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Trichloroethene	ND	5.00	4.08	ug/L	82		SW846 8260B
	ND	5.00	5.15	ug/L	103 p	23	SW846 8260B
Trichlorofluoromethane	ND	5.00	5.42	ug/L	108		SW846 8260B
	ND	5.00	6.64	ug/L	133	20	SW846 8260B
1,2,3-Trichloropropane	ND	5.00	4.74	ug/L	95		SW846 8260B
	ND	5.00	5.75	ug/L	115	19	SW846 8260B
Vinyl chloride	ND	5.00	4.46	ug/L	89		SW846 8260B
	ND	5.00	4.90	ug/L	98	9.4	SW846 8260B
Xylenes (total)	ND	15.0	14.1	ug/L	94		SW846 8260B
	ND	15.0	16.2	ug/L	108	14	SW846 8260B
n-Butylbenzene	ND	5.00	3.96	ug/L	79		SW846 8260B
	ND	5.00	5.18	ug/L	104 p	27	SW846 8260B
sec-Butylbenzene	ND	5.00	3.55	ug/L	71 a		SW846 8260B
	ND	5.00	4.67	ug/L	93 p	27	SW846 8260B
Isopropylbenzene	ND	5.00	3.97	ug/L	79		SW846 8260B
	ND	5.00	5.05	ug/L	101 p	24	SW846 8260B
1,2,4-Trimethylbenzene	ND	5.00	4.22	ug/L	84		SW846 8260B
	ND	5.00	5.41	ug/L	108 p	25	SW846 8260B
1,3,5-Trimethylbenzene	ND	5.00	4.10	ug/L	82		SW846 8260B
	ND	5.00	4.87	ug/L	97	17	SW846 8260B
n-Propylbenzene	ND	5.00	3.57	ug/L	71 a		SW846 8260B
	ND	5.00	4.45	ug/L	89 p	22	SW846 8260B
tert-Butylbenzene	ND	5.00	3.82	ug/L	76		SW846 8260B
	ND	5.00	4.84	ug/L	97 p	24	SW846 8260B
Carbon disulfide	ND	5.00	3.32	ug/L	66		SW846 8260B
	ND	5.00	3.62	ug/L	72	8.7	SW846 8260B
Dibromochloromethane	ND	5.00	4.90	ug/L	98		SW846 8260B
	ND	5.00	5.73	ug/L	115	16	SW846 8260B
2-Chlorotoluene	ND	5.00	3.82	ug/L	76		SW846 8260B
	ND	5.00	4.57	ug/L	91	18	SW846 8260B
4-Chlorotoluene	ND	5.00	3.38	ug/L	68 a		SW846 8260B
	ND	5.00	4.70	ug/L	94 p	32	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.00	4.29	ug/L	86		SW846 8260B
	ND	5.00	5.57	ug/L	111 p	26	SW846 8260B
1,3-Dichloropropane	ND	5.00	5.23	ug/L	105		SW846 8260B
	ND	5.00	6.08	ug/L	122 a	15	SW846 8260B
2,2-Dichloropropane	ND	5.00	4.00	ug/L	80		SW846 8260B
	ND	5.00	4.94	ug/L	99	21	SW846 8260B
1,1-Dichloropropene	ND	5.00	4.07	ug/L	81		SW846 8260B
	ND	5.00	5.20	ug/L	104 p	24	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7G240162 **Work Order #...:** J3FT41CX-MS **Matrix.....:** WG
MS Lot-Sample #: D7G240162-003 J3FT41C0-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Hexachlorobutadiene	**ND**	**5.00**	**3.79**	**ug/L**	**76**		**SW846 8260B**
	ND	**5.00**	**4.62**	**ug/L**	**92**	**20**	**SW846 8260B**
4-Isopropyltoluene	**0.24**	**5.00**	**3.86**	**ug/L**	**72 a**		**SW846 8260B**
	0.24	**5.00**	**4.97**	**ug/L**	**95 p**	**25**	**SW846 8260B**
Methyl tert-butyl ether	**ND**	**10.0**	**8.95**	**ug/L**	**90**		**SW846 8260B**
	ND	**10.0**	**11.6**	**ug/L**	**116 p**	**26**	**SW846 8260B**
1,2,3-Trichlorobenzene	**ND**	**5.00**	**4.88**	**ug/L**	**98**		**SW846 8260B**
	ND	**5.00**	**6.03**	**ug/L**	**121**	**21**	**SW846 8260B**
m-Xylene & p-Xylene	**ND**	**10.0**	**9.45**	**ug/L**	**94**		**SW846 8260B**
	ND	**10.0**	**10.7**	**ug/L**	**107**	**13**	**SW846 8260B**
o-Xylene	**ND**	**5.00**	**4.67**	**ug/L**	**93**		**SW846 8260B**
	ND	**5.00**	**5.48**	**ug/L**	**110**	**16**	**SW846 8260B**
Bromobenzene	**ND**	**5.00**	**4.16**	**ug/L**	**83**		**SW846 8260B**
	ND	**5.00**	**5.23**	**ug/L**	**105 p**	**23**	**SW846 8260B**
Bromochloromethane	**ND**	**5.00**	**4.21**	**ug/L**	**84**		**SW846 8260B**
	ND	**5.00**	**5.34**	**ug/L**	**107 p**	**24**	**SW846 8260B**
Naphthalene	**ND**	**5.00**	**4.61**	**ug/L**	**92**		**SW846 8260B**
	ND	**5.00**	**5.74**	**ug/L**	**115**	**22**	**SW846 8260B**
Vinyl acetate	**ND**	**5.00**	**4.39**	**ug/L**	**88**		**SW846 8260B**
	ND	**5.00**	**5.03**	**ug/L**	**101**	**14**	**SW846 8260B**
2-Pentanone	**ND**	**10.0**	**10.7**	**ug/L**	**107**		**SW846 8260B**
	ND	**10.0**	**12.1**	**ug/L**	**121 a**	**12**	**SW846 8260B**
2-Chloroethyl vinyl ether	**ND**	**5.00**	**0.0**	**ug/L**	**0.0 a**		**SW846 8260B**
	ND	**5.00**	**0.0**	**ug/L**	**0.0 a**	**0.0**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	92	(77 - 119)
	100	(77 - 119)
1,2-Dichloroethane-d4	94	(70 - 127)
	101	(70 - 127)
4-Bromofluorobenzene	100	(78 - 118)
	99	(78 - 118)
Toluene-d8	92	(83 - 125)
	95	(83 - 125)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

p Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7G240162 **Work Order #...:** J3FXQ1DH-MS **Matrix.....:** SO
MS Lot-Sample #: D7G240162-024 J3FXQ1DJ-MSD
Date Sampled...: 07/23/07 11:00 **Date Received..:** 07/24/07
Prep Date.....: 07/24/07 **Analysis Date..:** 08/02/07
Prep Batch #...: 7215224 **Analysis Time..:** 14:13
Dilution Factor: 0.9

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acetone	94	(45 - 184)			SW846 8260B
	77	(45 - 184)	20	(0-28)	SW846 8260B
Benzene	109	(76 - 116)			SW846 8260B
	92	(76 - 116)	16	(0-20)	SW846 8260B
Bromodichloromethane	111	(74 - 125)			SW846 8260B
	94	(74 - 125)	17	(0-20)	SW846 8260B
Bromoform	104	(75 - 115)			SW846 8260B
	85	(75 - 115)	20	(0-20)	SW846 8260B
Bromomethane	116	(40 - 149)			SW846 8260B
	111	(40 - 149)	5.0	(0-22)	SW846 8260B
2-Butanone (MEK)	90	(58 - 150)			SW846 8260B
	73	(58 - 150)	18	(0-32)	SW846 8260B
Carbon tetrachloride	107	(69 - 147)			SW846 8260B
	90	(69 - 147)	17	(0-20)	SW846 8260B
Chlorobenzene	91	(74 - 114)			SW846 8260B
	75	(74 - 114)	20	(0-20)	SW846 8260B
Chloroethane	101	(51 - 155)			SW846 8260B
	98	(51 - 155)	2.3	(0-22)	SW846 8260B
Chloroform	106	(77 - 125)			SW846 8260B
	91	(77 - 125)	15	(0-20)	SW846 8260B
Chloromethane	93	(47 - 148)			SW846 8260B
	91	(47 - 148)	2.3	(0-25)	SW846 8260B
Dibromomethane	111	(77 - 117)			SW846 8260B
	95	(77 - 117)	15	(0-20)	SW846 8260B
1,2-Dibromoethane (EDB)	97	(75 - 115)			SW846 8260B
	80	(75 - 115)	19	(0-20)	SW846 8260B
1,2-Dichlorobenzene	87	(72 - 112)			SW846 8260B
	72	(72 - 112)	19	(0-20)	SW846 8260B
1,3-Dichlorobenzene	86	(74 - 114)			SW846 8260B
	70 a,p	(74 - 114)	21	(0-20)	SW846 8260B
1,4-Dichlorobenzene	82	(73 - 113)			SW846 8260B
	68 a	(73 - 113)	19	(0-22)	SW846 8260B
Dichlorodifluoromethane	98	(42 - 178)			SW846 8260B
	95	(42 - 178)	3.0	(0-28)	SW846 8260B
1,1-Dichloroethane	104	(74 - 114)			SW846 8260B
	89	(74 - 114)	15	(0-20)	SW846 8260B
1,2-Dichloroethane	107	(62 - 142)			SW846 8260B
	90	(62 - 142)	17	(0-20)	SW846 8260B
1,1-Dichloroethene	122	(77 - 143)			SW846 8260B
	107	(77 - 143)	13	(0-20)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7G240162 **Work Order #...:** J3FXQ1DH-MS **Matrix.....:** SO
MS Lot-Sample #: D7G240162-024 J3FXQ1DJ-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2-Dichloroethene (total)	108	(80 - 120)			SW846 8260B
	94	(80 - 120)	14	(0-20)	SW846 8260B
cis-1,2-Dichloroethene	106	(75 - 115)			SW846 8260B
	92	(75 - 115)	14	(0-20)	SW846 8260B
trans-1,2-Dichloroethene	110	(82 - 127)			SW846 8260B
	95	(82 - 127)	14	(0-20)	SW846 8260B
1,2-Dichloropropane	108	(74 - 114)			SW846 8260B
	92	(74 - 114)	17	(0-20)	SW846 8260B
cis-1,3-Dichloropropene	110	(77 - 117)			SW846 8260B
	93	(77 - 117)	16	(0-20)	SW846 8260B
trans-1,3-Dichloropropene	99	(71 - 120)			SW846 8260B
	80	(71 - 120)	20	(0-20)	SW846 8260B
Ethylbenzene	89	(78 - 118)			SW846 8260B
	72 a,p	(78 - 118)	21	(0-20)	SW846 8260B
2-Hexanone	93	(58 - 136)			SW846 8260B
	74	(58 - 136)	22	(0-29)	SW846 8260B
Methylene chloride	118 a	(76 - 116)			SW846 8260B
	102	(76 - 116)	14	(0-21)	SW846 8260B
4-Methyl-2-pentanone	100	(62 - 130)			SW846 8260B
	79	(62 - 130)	23	(0-25)	SW846 8260B
Styrene	93	(77 - 117)			SW846 8260B
	75 a,p	(77 - 117)	21	(0-20)	SW846 8260B
1,1,1,2-Tetrachloroethane	99	(76 - 116)			SW846 8260B
	81	(76 - 116)	20	(0-20)	SW846 8260B
1,1,2,2-Tetrachloroethane	95	(68 - 119)			SW846 8260B
	79	(68 - 119)	18	(0-21)	SW846 8260B
Tetrachloroethene	98	(71 - 111)			SW846 8260B
	78 p	(71 - 111)	23	(0-20)	SW846 8260B
Toluene	93	(72 - 113)			SW846 8260B
	77	(72 - 113)	19	(0-20)	SW846 8260B
1,2,4-Trichloro-benzene	83	(73 - 116)			SW846 8260B
	65 a	(73 - 116)	24	(0-26)	SW846 8260B
1,1,1-Trichloroethane	103	(67 - 143)			SW846 8260B
	87	(67 - 143)	16	(0-20)	SW846 8260B
1,1,2-Trichloroethane	98	(69 - 109)			SW846 8260B
	81	(69 - 109)	19	(0-20)	SW846 8260B
Trichloroethene	108	(78 - 118)			SW846 8260B
	92	(78 - 118)	16	(0-20)	SW846 8260B

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7G240162 **Work Order #...:** J3FXQ1DH-MS **Matrix.....:** SO
MS Lot-Sample #: D7G240162-024 J3FXQ1DJ-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Trichlorofluoromethane	111	(50 - 155)			SW846 8260B
	107	(50 - 155)	3.5	(0-33)	SW846 8260B
1,2,3-Trichloropropane	82	(72 - 122)			SW846 8260B
	69 a	(72 - 122)	17	(0-21)	SW846 8260B
Vinyl chloride	95	(45 - 148)			SW846 8260B
	90	(45 - 148)	5.1	(0-24)	SW846 8260B
Xylenes (total)	87	(77 - 117)			SW846 8260B
	70 a,p	(77 - 117)	22	(0-20)	SW846 8260B
n-Butylbenzene	77	(66 - 130)			SW846 8260B
	57 a,p	(66 - 130)	30	(0-21)	SW846 8260B
sec-Butylbenzene	86	(79 - 128)			SW846 8260B
	65 a,p	(79 - 128)	28	(0-22)	SW846 8260B
Isopropylbenzene	81	(71 - 111)			SW846 8260B
	63 a,p	(71 - 111)	25	(0-20)	SW846 8260B
1,2,4-Trimethylbenzene	78	(78 - 126)			SW846 8260B
	63 a,p	(78 - 126)	21	(0-20)	SW846 8260B
1,3,5-Trimethylbenzene	77	(77 - 125)			SW846 8260B
	62 a	(77 - 125)	21	(0-21)	SW846 8260B
n-Propylbenzene	78 a	(79 - 120)			SW846 8260B
	62 a	(79 - 120)	22	(0-22)	SW846 8260B
tert-Butylbenzene	81	(77 - 124)			SW846 8260B
	63 a,p	(77 - 124)	24	(0-22)	SW846 8260B
Carbon disulfide	74	(49 - 121)			SW846 8260B
	64	(49 - 121)	14	(0-24)	SW846 8260B
Dibromochloromethane	103	(74 - 114)			SW846 8260B
	85	(74 - 114)	19	(0-20)	SW846 8260B
2-Chlorotoluene	80	(80 - 120)			SW846 8260B
	67 a	(80 - 120)	18	(0-22)	SW846 8260B
4-Chlorotoluene	81	(77 - 117)			SW846 8260B
	66 a	(77 - 117)	20	(0-20)	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	90	(60 - 120)			SW846 8260B
	75	(60 - 120)	18	(0-28)	SW846 8260B
1,3-Dichloropropane	99	(72 - 112)			SW846 8260B
	81	(72 - 112)	20	(0-20)	SW846 8260B
2,2-Dichloropropane	99	(64 - 144)			SW846 8260B
	84	(64 - 144)	17	(0-20)	SW846 8260B
1,1-Dichloropropene	104	(76 - 123)			SW846 8260B
	87	(76 - 123)	17	(0-20)	SW846 8260B
Hexachlorobutadiene	87	(69 - 125)			SW846 8260B
	54 a,p	(69 - 125)	46	(0-25)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7G240162 **Work Order #...:** J3FXQ1DH-MS **Matrix.....:** SO
MS Lot-Sample #: D7G240162-024 J3FXQ1DJ-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
4-Isopropyltoluene	**78**	**(73 - 118)**			**SW846 8260B**
	59 a,p	**(73 - 118)**	**27**	**(0-20)**	**SW846 8260B**
Methyl tert-butyl ether	**108**	**(69 - 129)**			**SW846 8260B**
	89	**(69 - 129)**	**19**	**(0-20)**	**SW846 8260B**
1,2,3-Trichlorobenzene	**98**	**(69 - 113)**			**SW846 8260B**
	78	**(69 - 113)**	**23**	**(0-31)**	**SW846 8260B**
m-Xylene & p-Xylene	**87**	**(77 - 117)**			**SW846 8260B**
	69 a,p	**(77 - 117)**	**22**	**(0-20)**	**SW846 8260B**
o-Xylene	**89**	**(77 - 117)**			**SW846 8260B**
	71 a,p	**(77 - 117)**	**22**	**(0-20)**	**SW846 8260B**
Bromobenzene	**85**	**(74 - 114)**			**SW846 8260B**
	71 a	**(74 - 114)**	**18**	**(0-22)**	**SW846 8260B**
Bromochloromethane	**117**	**(77 - 117)**			**SW846 8260B**
	101	**(77 - 117)**	**15**	**(0-21)**	**SW846 8260B**
Naphthalene	**97**	**(65 - 113)**			**SW846 8260B**
	80	**(65 - 113)**	**18**	**(0-38)**	**SW846 8260B**
Vinyl acetate	**103**	**(79 - 185)**			**SW846 8260B**
	85	**(79 - 185)**	**19**	**(0-27)**	**SW846 8260B**
2-Pentanone	**77**	**(43 - 143)**			**SW846 8260B**
	63	**(43 - 143)**	**20**	**(0-30)**	**SW846 8260B**
2-Chloroethyl vinyl ether	**69**	**(48 - 144)**			**SW846 8260B**
	59	**(48 - 144)**	**16**	**(0-26)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	115	(75 - 121)
	113	(75 - 121)
1,2-Dichloroethane-d4	101	(58 - 140)
	97	(58 - 140)
4-Bromofluorobenzene	113	(76 - 127)
	109	(76 - 127)
Toluene-d8	116	(80 - 126)
	112	(80 - 126)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

a Spiked analyte recovery is outside stated control limits.

p Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7G240162 **Work Order #...:** J3FXQ1DH-MS **Matrix.....:** SO
MS Lot-Sample #: D7G240162-024 J3FXQ1DJ-MSD
Date Sampled...: 07/23/07 11:00 **Date Received..:** 07/24/07
Prep Date.....: 07/24/07 **Analysis Date..:** 08/02/07
Prep Batch #...: 7215224 **Analysis Time..:** 14:13
Dilution Factor: 0.9

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Acetone	ND	116	109	ug/kg	94		SW846 8260B
	ND	116	88.9	ug/kg	77	20	SW846 8260B
Benzene	ND	57.8	62.8	ug/kg	109		SW846 8260B
	ND	57.9	53.5	ug/kg	92	16	SW846 8260B
Bromodichloromethane	ND	57.8	64.2	ug/kg	111		SW846 8260B
	ND	57.9	54.2	ug/kg	94	17	SW846 8260B
Bromoform	ND	57.8	59.9	ug/kg	104		SW846 8260B
	ND	57.9	49.0	ug/kg	85	20	SW846 8260B
Bromomethane	ND	57.8	67.2	ug/kg	116		SW846 8260B
	ND	57.9	64.0	ug/kg	111	5.0	SW846 8260B
2-Butanone (MEK)	11	116	114	ug/kg	90		SW846 8260B
	11	116	95.4	ug/kg	73	18	SW846 8260B
Carbon tetrachloride	ND	57.8	61.7	ug/kg	107		SW846 8260B
	ND	57.9	52.1	ug/kg	90	17	SW846 8260B
Chlorobenzene	ND	57.8	52.6	ug/kg	91		SW846 8260B
	ND	57.9	43.2	ug/kg	75	20	SW846 8260B
Chloroethane	ND	57.8	58.2	ug/kg	101		SW846 8260B
	ND	57.9	56.9	ug/kg	98	2.3	SW846 8260B
Chloroform	ND	57.8	61.3	ug/kg	106		SW846 8260B
	ND	57.9	52.7	ug/kg	91	15	SW846 8260B
Chloromethane	ND	57.8	53.7	ug/kg	93		SW846 8260B
	ND	57.9	52.5	ug/kg	91	2.3	SW846 8260B
Dibromomethane	ND	57.8	63.9	ug/kg	111		SW846 8260B
	ND	57.9	54.8	ug/kg	95	15	SW846 8260B
1,2-Dibromoethane (EDB)	ND	57.8	55.9	ug/kg	97		SW846 8260B
	ND	57.9	46.3	ug/kg	80	19	SW846 8260B
1,2-Dichlorobenzene	ND	57.8	50.3	ug/kg	87		SW846 8260B
	ND	57.9	41.5	ug/kg	72	19	SW846 8260B
1,3-Dichlorobenzene	ND	57.8	49.9	ug/kg	86		SW846 8260B
	ND	57.9	40.4	ug/kg	70 a,p	21	SW846 8260B
1,4-Dichlorobenzene	ND	57.8	47.5	ug/kg	82		SW846 8260B
	ND	57.9	39.5	ug/kg	68 a	19	SW846 8260B
Dichlorodifluoromethane	ND	57.8	56.7	ug/kg	98		SW846 8260B
	ND	57.9	55.0	ug/kg	95	3.0	SW846 8260B
1,1-Dichloroethane	ND	57.8	60.2	ug/kg	104		SW846 8260B
	ND	57.9	51.7	ug/kg	89	15	SW846 8260B
1,2-Dichloroethane	ND	57.8	61.5	ug/kg	107		SW846 8260B
	ND	57.9	52.0	ug/kg	90	17	SW846 8260B
1,1-Dichloroethene	ND	57.8	70.4	ug/kg	122		SW846 8260B
	ND	57.9	62.1	ug/kg	107	13	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7G240162 **Work Order #...:** J3FXQ1DH-MS **Matrix.....:** SO
MS Lot-Sample #: D7G240162-024 J3FXQ1DJ-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,2-Dichloroethene (total)	ND	116	125	ug/kg	108		SW846 8260B
	ND	116	108	ug/kg	94	14	SW846 8260B
cis-1,2-Dichloroethene	ND	57.8	61.4	ug/kg	106		SW846 8260B
	ND	57.9	53.1	ug/kg	92	14	SW846 8260B
trans-1,2-Dichloroethene	ND	57.8	63.4	ug/kg	110		SW846 8260B
	ND	57.9	55.2	ug/kg	95	14	SW846 8260B
1,2-Dichloropropane	ND	57.8	62.6	ug/kg	108		SW846 8260B
	ND	57.9	53.0	ug/kg	92	17	SW846 8260B
cis-1,3-Dichloropropene	ND	57.8	63.5	ug/kg	110		SW846 8260B
	ND	57.9	53.8	ug/kg	93	16	SW846 8260B
trans-1,3-Dichloropropene	ND	57.8	56.9	ug/kg	99		SW846 8260B
	ND	57.9	46.4	ug/kg	80	20	SW846 8260B
Ethylbenzene	ND	57.8	51.2	ug/kg	89		SW846 8260B
	ND	57.9	41.5	ug/kg	72 a,p	21	SW846 8260B
2-Hexanone	ND	116	107	ug/kg	93		SW846 8260B
	ND	116	86.1	ug/kg	74	22	SW846 8260B
Methylene chloride	ND	57.8	68.3	ug/kg	118 a		SW846 8260B
	ND	57.9	59.0	ug/kg	102	14	SW846 8260B
4-Methyl-2-pentanone	ND	116	116	ug/kg	100		SW846 8260B
	ND	116	91.6	ug/kg	79	23	SW846 8260B
Styrene	ND	57.8	54.0	ug/kg	93		SW846 8260B
	ND	57.9	43.6	ug/kg	75 a,p	21	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	57.8	57.3	ug/kg	99		SW846 8260B
	ND	57.9	46.8	ug/kg	81	20	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	57.8	54.9	ug/kg	95		SW846 8260B
	ND	57.9	45.8	ug/kg	79	18	SW846 8260B
Tetrachloroethene	ND	57.8	56.8	ug/kg	98		SW846 8260B
	ND	57.9	45.1	ug/kg	78 p	23	SW846 8260B
Toluene	ND	57.8	53.6	ug/kg	93		SW846 8260B
	ND	57.9	44.5	ug/kg	77	19	SW846 8260B
1,2,4-Trichloro-benzene	ND	57.8	48.0	ug/kg	83		SW846 8260B
	ND	57.9	37.8	ug/kg	65 a	24	SW846 8260B
1,1,1-Trichloroethane	ND	57.8	59.4	ug/kg	103		SW846 8260B
	ND	57.9	50.6	ug/kg	87	16	SW846 8260B
1,1,2-Trichloroethane	ND	57.8	56.8	ug/kg	98		SW846 8260B
	ND	57.9	46.8	ug/kg	81	19	SW846 8260B
Trichloroethene	ND	57.8	62.2	ug/kg	108		SW846 8260B
	ND	57.9	53.1	ug/kg	92	16	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7G240162 **Work Order #...:** J3FXQ1DH-MS **Matrix.....:** SO
MS Lot-Sample #: D7G240162-024 J3FXQ1DJ-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Trichlorofluoromethane	ND	57.8	64.2	ug/kg	111		SW846 8260B
	ND	57.9	62.0	ug/kg	107	3.5	SW846 8260B
1,2,3-Trichloropropane	ND	57.8	47.5	ug/kg	82		SW846 8260B
	ND	57.9	39.9	ug/kg	69 a	17	SW846 8260B
Vinyl chloride	ND	57.8	54.7	ug/kg	95		SW846 8260B
	ND	57.9	52.0	ug/kg	90	5.1	SW846 8260B
Xylenes (total)	ND	174	152	ug/kg	87		SW846 8260B
	ND	174	121	ug/kg	70 a,p	22	SW846 8260B
n-Butylbenzene	ND	57.8	44.6	ug/kg	77		SW846 8260B
	ND	57.9	33.1	ug/kg	57 a,p	30	SW846 8260B
sec-Butylbenzene	ND	57.8	49.5	ug/kg	86		SW846 8260B
	ND	57.9	37.5	ug/kg	65 a,p	28	SW846 8260B
Isopropylbenzene	ND	57.8	47.1	ug/kg	81		SW846 8260B
	ND	57.9	36.5	ug/kg	63 a,p	25	SW846 8260B
1,2,4-Trimethylbenzene	ND	57.8	45.0	ug/kg	78		SW846 8260B
	ND	57.9	36.3	ug/kg	63 a,p	21	SW846 8260B
1,3,5-Trimethylbenzene	ND	57.8	44.6	ug/kg	77		SW846 8260B
	ND	57.9	36.0	ug/kg	62 a	21	SW846 8260B
n-Propylbenzene	ND	57.8	44.8	ug/kg	78 a		SW846 8260B
	ND	57.9	36.1	ug/kg	62 a	22	SW846 8260B
tert-Butylbenzene	ND	57.8	46.7	ug/kg	81		SW846 8260B
	ND	57.9	36.7	ug/kg	63 a,p	24	SW846 8260B
Carbon disulfide	ND	57.8	42.8	ug/kg	74		SW846 8260B
	ND	57.9	37.1	ug/kg	64	14	SW846 8260B
Dibromochloromethane	ND	57.8	59.5	ug/kg	103		SW846 8260B
	ND	57.9	49.1	ug/kg	85	19	SW846 8260B
2-Chlorotoluene	ND	57.8	46.1	ug/kg	80		SW846 8260B
	ND	57.9	38.6	ug/kg	67 a	18	SW846 8260B
4-Chlorotoluene	ND	57.8	46.7	ug/kg	81		SW846 8260B
	ND	57.9	38.1	ug/kg	66 a	20	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	ND	57.8	51.9	ug/kg	90		SW846 8260B
	ND	57.9	43.2	ug/kg	75	18	SW846 8260B
1,3-Dichloropropane	ND	57.8	57.2	ug/kg	99		SW846 8260B
	ND	57.9	46.9	ug/kg	81	20	SW846 8260B
2,2-Dichloropropane	ND	57.8	57.2	ug/kg	99		SW846 8260B
	ND	57.9	48.4	ug/kg	84	17	SW846 8260B
1,1-Dichloropropene	ND	57.8	59.8	ug/kg	104		SW846 8260B
	ND	57.9	50.4	ug/kg	87	17	SW846 8260B
Hexachlorobutadiene	ND	57.8	50.2	ug/kg	87		SW846 8260B
	ND	57.9	31.3	ug/kg	54 a,p	46	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7G240162 **Work Order #...:** J3FXQ1DH-MS **Matrix.....:** SO
MS Lot-Sample #: D7G240162-024 J3FXQ1DJ-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
4-Isopropyltoluene	**ND**	**57.8**	**44.8**	**ug/kg**	**78**		**SW846 8260B**
	ND	**57.9**	**34.1**	**ug/kg**	**59 a,p**	**27**	**SW846 8260B**
Methyl tert-butyl ether	**ND**	**116**	**124**	**ug/kg**	**108**		**SW846 8260B**
	ND	**116**	**103**	**ug/kg**	**89**	**19**	**SW846 8260B**
1,2,3-Trichlorobenzene	**ND**	**57.8**	**56.9**	**ug/kg**	**98**		**SW846 8260B**
	ND	**57.9**	**45.3**	**ug/kg**	**78**	**23**	**SW846 8260B**
m-Xylene & p-Xylene	**ND**	**116**	**100**	**ug/kg**	**87**		**SW846 8260B**
	ND	**116**	**79.9**	**ug/kg**	**69 a,p**	**22**	**SW846 8260B**
o-Xylene	**ND**	**57.8**	**51.6**	**ug/kg**	**89**		**SW846 8260B**
	ND	**57.9**	**41.3**	**ug/kg**	**71 a,p**	**22**	**SW846 8260B**
Bromobenzene	**ND**	**57.8**	**49.4**	**ug/kg**	**85**		**SW846 8260B**
	ND	**57.9**	**41.4**	**ug/kg**	**71 a**	**18**	**SW846 8260B**
Bromochloromethane	**ND**	**57.8**	**67.7**	**ug/kg**	**117**		**SW846 8260B**
	ND	**57.9**	**58.5**	**ug/kg**	**101**	**15**	**SW846 8260B**
Naphthalene	**ND**	**57.8**	**55.9**	**ug/kg**	**97**		**SW846 8260B**
	ND	**57.9**	**46.5**	**ug/kg**	**80**	**18**	**SW846 8260B**
Vinyl acetate	**ND**	**57.8**	**59.4**	**ug/kg**	**103**		**SW846 8260B**
	ND	**57.9**	**49.3**	**ug/kg**	**85**	**19**	**SW846 8260B**
2-Pentanone	**ND**	**116**	**88.7**	**ug/kg**	**77**		**SW846 8260B**
	ND	**116**	**72.5**	**ug/kg**	**63**	**20**	**SW846 8260B**
2-Chloroethyl vinyl ether	**ND**	**57.8**	**40.1**	**ug/kg**	**69**		**SW846 8260B**
	ND	**57.9**	**34.1**	**ug/kg**	**59**	**16**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	115	(75 - 121)
	113	(75 - 121)
1,2-Dichloroethane-d4	101	(58 - 140)
	97	(58 - 140)
4-Bromofluorobenzene	113	(76 - 127)
	109	(76 - 127)
Toluene-d8	116	(80 - 126)
	112	(80 - 126)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

a Spiked analyte recovery is outside stated control limits.

p Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7G240162
MS Lot-Sample #: D7G240162-012
Date Sampled...: 07/23/07 09:20
Prep Date.....: 08/03/07
Prep Batch #...: 7218063
Dilution Factor: 1

Work Order #...: J3FV71CX-MS
J3FV71C0-MSD
Date Received..: 07/24/07
Analysis Date..: 08/03/07
Analysis Time..: 13:59

Matrix.....: WG

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acetone	93	(48 - 130)			SW846 8260B
	84	(48 - 130)	7.1	(0-41)	SW846 8260B
Benzene	95	(77 - 118)			SW846 8260B
	92	(77 - 118)	3.0	(0-20)	SW846 8260B
Bromodichloromethane	117	(78 - 118)			SW846 8260B
	111	(78 - 118)	4.7	(0-20)	SW846 8260B
Bromoform	126 a	(74 - 121)			SW846 8260B
	132 a	(74 - 121)	4.8	(0-21)	SW846 8260B
Bromomethane	108	(42 - 154)			SW846 8260B
	98	(42 - 154)	10	(0-24)	SW846 8260B
2-Butanone (MEK)	129 a	(57 - 120)			SW846 8260B
	106	(57 - 120)	19	(0-32)	SW846 8260B
Carbon tetrachloride	117	(80 - 120)			SW846 8260B
	114	(80 - 120)	2.3	(0-21)	SW846 8260B
Chlorobenzene	98	(78 - 118)			SW846 8260B
	105	(78 - 118)	6.8	(0-20)	SW846 8260B
Chloroethane	110	(51 - 133)			SW846 8260B
	107	(51 - 133)	3.1	(0-25)	SW846 8260B
Chloroform	118	(78 - 118)			SW846 8260B
	111	(78 - 118)	6.2	(0-20)	SW846 8260B
Chloromethane	84	(46 - 142)			SW846 8260B
	79	(46 - 142)	5.2	(0-24)	SW846 8260B
Dibromomethane	134 a	(77 - 117)			SW846 8260B
	130 a	(77 - 117)	3.3	(0-20)	SW846 8260B
1,2-Dibromoethane (EDB)	118 a	(77 - 117)			SW846 8260B
	122 a	(77 - 117)	4.0	(0-20)	SW846 8260B
1,2-Dichlorobenzene	94	(76 - 116)			SW846 8260B
	94	(76 - 116)	0.18	(0-20)	SW846 8260B
1,3-Dichlorobenzene	96	(75 - 115)			SW846 8260B
	91	(75 - 115)	5.1	(0-20)	SW846 8260B
1,4-Dichlorobenzene	91	(77 - 117)			SW846 8260B
	94	(77 - 117)	3.2	(0-23)	SW846 8260B
Dichlorodifluoromethane	97	(56 - 140)			SW846 8260B
	89	(56 - 140)	8.3	(0-24)	SW846 8260B
1,1-Dichloroethane	107	(77 - 117)			SW846 8260B
	104	(77 - 117)	3.4	(0-21)	SW846 8260B
1,2-Dichloroethane	122 a	(74 - 120)			SW846 8260B
	119	(74 - 120)	2.3	(0-20)	SW846 8260B
1,1-Dichloroethene	119	(68 - 133)			SW846 8260B
	111	(68 - 133)	6.4	(0-20)	SW846 8260B

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7G240162 **Work Order #...:** J3FV71CX-MS **Matrix.....:** WG
MS Lot-Sample #: D7G240162-012 J3FV71C0-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2-Dichloroethene (total)	111	(78 - 118)			SW846 8260B
	103	(78 - 118)	7.1	(0-20)	SW846 8260B
cis-1,2-Dichloroethene	108	(75 - 115)			SW846 8260B
	100	(75 - 115)	7.5	(0-20)	SW846 8260B
trans-1,2-Dichloroethene	114	(80 - 120)			SW846 8260B
	106	(80 - 120)	6.8	(0-24)	SW846 8260B
1,2-Dichloropropane	102	(76 - 116)			SW846 8260B
	99	(76 - 116)	3.1	(0-20)	SW846 8260B
cis-1,3-Dichloropropene	100	(76 - 116)			SW846 8260B
	104	(76 - 116)	3.8	(0-20)	SW846 8260B
trans-1,3-Dichloropropene	118 a	(72 - 117)			SW846 8260B
	115	(72 - 117)	3.2	(0-20)	SW846 8260B
Ethylbenzene	98	(78 - 118)			SW846 8260B
	101	(78 - 118)	2.2	(0-26)	SW846 8260B
2-Hexanone	116	(57 - 121)			SW846 8260B
	132 a	(57 - 121)	13	(0-25)	SW846 8260B
Methylene chloride	104	(71 - 119)			SW846 8260B
	103	(71 - 119)	1.0	(0-20)	SW846 8260B
4-Methyl-2-pentanone	112	(65 - 118)			SW846 8260B
	125 a	(65 - 118)	11	(0-22)	SW846 8260B
Styrene	90	(77 - 117)			SW846 8260B
	76 a	(77 - 117)	17	(0-20)	SW846 8260B
1,1,1,2-Tetrachloroethane	100	(77 - 117)			SW846 8260B
	104	(77 - 117)	3.8	(0-20)	SW846 8260B
1,1,2,2-Tetrachloroethane	142 a	(73 - 119)			SW846 8260B
	146 a	(73 - 119)	2.4	(0-20)	SW846 8260B
Tetrachloroethene	106	(77 - 117)			SW846 8260B
	110	(77 - 117)	4.5	(0-20)	SW846 8260B
Toluene	106	(73 - 120)			SW846 8260B
	111	(73 - 120)	4.9	(0-20)	SW846 8260B
1,2,4-Trichloro-benzene	92	(73 - 121)			SW846 8260B
	99	(73 - 121)	7.9	(0-25)	SW846 8260B
1,1,1-Trichloroethane	121 a	(78 - 118)			SW846 8260B
	116	(78 - 118)	4.6	(0-20)	SW846 8260B
1,1,2-Trichloroethane	129 a	(76 - 116)			SW846 8260B
	130 a	(76 - 116)	0.91	(0-21)	SW846 8260B
Trichloroethene	85	(78 - 122)			SW846 8260B
	85	(78 - 122)	0.08	(0-20)	SW846 8260B

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7G240162 **Work Order #...:** J3FV71CX-MS **Matrix.....:** WG
MS Lot-Sample #: D7G240162-012 J3FV71C0-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Trichlorofluoromethane	159 a	(63 - 135)			SW846 8260B
	143 a	(63 - 135)	11	(0-20)	SW846 8260B
1,2,3-Trichloropropane	108	(72 - 120)			SW846 8260B
	103	(72 - 120)	4.3	(0-23)	SW846 8260B
Vinyl chloride	90	(49 - 136)			SW846 8260B
	87	(49 - 136)	3.3	(0-24)	SW846 8260B
Xylenes (total)	105	(77 - 117)			SW846 8260B
	109	(77 - 117)	3.8	(0-20)	SW846 8260B
n-Butylbenzene	100	(76 - 117)			SW846 8260B
	93	(76 - 117)	6.8	(0-21)	SW846 8260B
sec-Butylbenzene	90	(80 - 120)			SW846 8260B
	82	(80 - 120)	9.2	(0-21)	SW846 8260B
Isopropylbenzene	94	(71 - 111)			SW846 8260B
	89	(71 - 111)	4.7	(0-20)	SW846 8260B
1,2,4-Trimethylbenzene	89	(77 - 117)			SW846 8260B
	83	(77 - 117)	7.8	(0-20)	SW846 8260B
1,3,5-Trimethylbenzene	89	(77 - 117)			SW846 8260B
	86	(77 - 117)	3.6	(0-20)	SW846 8260B
n-Propylbenzene	75 a	(76 - 116)			SW846 8260B
	73 a	(76 - 116)	3.0	(0-20)	SW846 8260B
tert-Butylbenzene	73 a	(76 - 116)			SW846 8260B
	74 a	(76 - 116)	1.2	(0-21)	SW846 8260B
Carbon disulfide	75	(56 - 104)			SW846 8260B
	75	(56 - 104)	1.1	(0-20)	SW846 8260B
Dibromochloromethane	108	(76 - 116)			SW846 8260B
	112	(76 - 116)	3.2	(0-20)	SW846 8260B
2-Chlorotoluene	79	(76 - 116)			SW846 8260B
	77	(76 - 116)	3.0	(0-20)	SW846 8260B
4-Chlorotoluene	79	(78 - 118)			SW846 8260B
	72 a	(78 - 118)	8.4	(0-20)	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	90	(65 - 117)			SW846 8260B
	96	(65 - 117)	6.0	(0-22)	SW846 8260B
1,3-Dichloropropane	117 a	(75 - 115)			SW846 8260B
	118 a	(75 - 115)	0.65	(0-20)	SW846 8260B
2,2-Dichloropropane	108	(72 - 128)			SW846 8260B
	101	(72 - 128)	6.6	(0-24)	SW846 8260B
1,1-Dichloropropene	100	(75 - 115)			SW846 8260B
	97	(75 - 115)	3.0	(0-21)	SW846 8260B
Hexachlorobutadiene	87	(73 - 123)			SW846 8260B
	84	(73 - 123)	3.3	(0-25)	SW846 8260B

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7G240162
MS Lot-Sample #: D7G240162-012

Work Order #...: J3FV71CX-MS
J3FV71C0-MSD

Matrix.....: WG

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
4-Isopropyltoluene	83	(76 - 113)			SW846 8260B
	79	(76 - 113)	4.9	(0-20)	SW846 8260B
Methyl tert-butyl ether	101	(58 - 116)			SW846 8260B
	98	(58 - 116)	3.0	(0-21)	SW846 8260B
1,2,3-Trichlorobenzene	98	(66 - 123)			SW846 8260B
	104	(66 - 123)	6.2	(0-29)	SW846 8260B
m-Xylene & p-Xylene	104	(78 - 118)			SW846 8260B
	111	(78 - 118)	6.2	(0-20)	SW846 8260B
o-Xylene	106	(77 - 117)			SW846 8260B
	105	(77 - 117)	1.1	(0-20)	SW846 8260B
Bromobenzene	99	(75 - 115)			SW846 8260B
	89	(75 - 115)	11	(0-20)	SW846 8260B
Bromochloromethane	96	(78 - 118)			SW846 8260B
	98	(78 - 118)	1.6	(0-20)	SW846 8260B
Naphthalene	75	(62 - 121)			SW846 8260B
	82	(62 - 121)	9.4	(0-32)	SW846 8260B
Vinyl acetate	104	(63 - 124)			SW846 8260B
	101	(63 - 124)	2.9	(0-24)	SW846 8260B
2-Pentanone	110	(42 - 115)			SW846 8260B
	92	(42 - 115)	18	(0-26)	SW846 8260B
2-Chloroethyl vinyl ether	0.0 a	(17 - 150)			SW846 8260B
	0.0 a	(17 - 150)	0.0	(0-31)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	111	(77 - 119)
	105	(77 - 119)
1,2-Dichloroethane-d4	116	(70 - 127)
	111	(70 - 127)
4-Bromofluorobenzene	110	(78 - 118)
	110	(78 - 118)
Toluene-d8	101	(83 - 125)
	100	(83 - 125)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7G240162
MS Lot-Sample #: D7G240162-012
Date Sampled...: 07/23/07 09:20
Prep Date.....: 08/03/07
Prep Batch #...: 7218063
Dilution Factor: 1

Work Order #...: J3FV71CX-MS
J3FV71C0-MSD
Date Received..: 07/24/07
Analysis Date..: 08/03/07
Analysis Time..: 13:59

Matrix.....: WG

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Acetone	3.9	10.0	13.2	ug/L	93		SW846 8260B
	3.9	10.0	12.3	ug/L	84	7.1	SW846 8260B
Benzene	ND	5.00	4.76	ug/L	95		SW846 8260B
	ND	5.00	4.62	ug/L	92	3.0	SW846 8260B
Bromodichloromethane	ND	5.00	5.83	ug/L	117		SW846 8260B
	ND	5.00	5.56	ug/L	111	4.7	SW846 8260B
Bromoform	ND	5.00	6.28	ug/L	126 a		SW846 8260B
	ND	5.00	6.59	ug/L	132 a	4.8	SW846 8260B
Bromomethane	ND	5.00	5.41	ug/L	108		SW846 8260B
	ND	5.00	4.89	ug/L	98	10	SW846 8260B
2-Butanone (MEK)	ND	10.0	12.9	ug/L	129 a		SW846 8260B
	ND	10.0	10.6	ug/L	106	19	SW846 8260B
Carbon tetrachloride	ND	5.00	5.84	ug/L	117		SW846 8260B
	ND	5.00	5.71	ug/L	114	2.3	SW846 8260B
Chlorobenzene	ND	5.00	4.89	ug/L	98		SW846 8260B
	ND	5.00	5.23	ug/L	105	6.8	SW846 8260B
Chloroethane	ND	5.00	5.52	ug/L	110		SW846 8260B
	ND	5.00	5.35	ug/L	107	3.1	SW846 8260B
Chloroform	ND	5.00	5.88	ug/L	118		SW846 8260B
	ND	5.00	5.53	ug/L	111	6.2	SW846 8260B
Chloromethane	ND	5.00	4.18	ug/L	84		SW846 8260B
	ND	5.00	3.97	ug/L	79	5.2	SW846 8260B
Dibromomethane	ND	5.00	6.70	ug/L	134 a		SW846 8260B
	ND	5.00	6.49	ug/L	130 a	3.3	SW846 8260B
1,2-Dibromoethane (EDB)	ND	5.00	5.88	ug/L	118 a		SW846 8260B
	ND	5.00	6.12	ug/L	122 a	4.0	SW846 8260B
1,2-Dichlorobenzene	ND	5.00	4.71	ug/L	94		SW846 8260B
	ND	5.00	4.72	ug/L	94	0.18	SW846 8260B
1,3-Dichlorobenzene	ND	5.00	4.81	ug/L	96		SW846 8260B
	ND	5.00	4.57	ug/L	91	5.1	SW846 8260B
1,4-Dichlorobenzene	ND	5.00	4.56	ug/L	91		SW846 8260B
	ND	5.00	4.71	ug/L	94	3.2	SW846 8260B
Dichlorodifluoromethane	ND	5.00	4.85	ug/L	97		SW846 8260B
	ND	5.00	4.47	ug/L	89	8.3	SW846 8260B
1,1-Dichloroethane	ND	5.00	5.36	ug/L	107		SW846 8260B
	ND	5.00	5.18	ug/L	104	3.4	SW846 8260B
1,2-Dichloroethane	ND	5.00	6.10	ug/L	122 a		SW846 8260B
	ND	5.00	5.96	ug/L	119	2.3	SW846 8260B
1,1-Dichloroethene	ND	5.00	5.94	ug/L	119		SW846 8260B
	ND	5.00	5.57	ug/L	111	6.4	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7G240162 Work Order #...: J3FV71CX-MS Matrix.....: WG
MS Lot-Sample #: D7G240162-012 J3FV71C0-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,2-Dichloroethene (total)	ND	10.0	11.1	ug/L	111		SW846 8260B
	ND	10.0	10.3	ug/L	103	7.1	SW846 8260B
cis-1,2-Dichloroethene	ND	5.00	5.41	ug/L	108		SW846 8260B
	ND	5.00	5.02	ug/L	100	7.5	SW846 8260B
trans-1,2-Dichloroethene	ND	5.00	5.68	ug/L	114		SW846 8260B
	ND	5.00	5.31	ug/L	106	6.8	SW846 8260B
1,2-Dichloropropane	ND	5.00	5.09	ug/L	102		SW846 8260B
	ND	5.00	4.93	ug/L	99	3.1	SW846 8260B
cis-1,3-Dichloropropene	ND	5.00	5.00	ug/L	100		SW846 8260B
	ND	5.00	5.20	ug/L	104	3.8	SW846 8260B
trans-1,3-Dichloropropene	ND	5.00	5.91	ug/L	118 a		SW846 8260B
	ND	5.00	5.73	ug/L	115	3.2	SW846 8260B
Ethylbenzene	ND	5.00	4.91	ug/L	98		SW846 8260B
	ND	5.00	5.03	ug/L	101	2.2	SW846 8260B
2-Hexanone	ND	10.0	11.6	ug/L	116		SW846 8260B
	ND	10.0	13.2	ug/L	132 a	13	SW846 8260B
Methylene chloride	0.37	5.00	5.57	ug/L	104		SW846 8260B
	0.37	5.00	5.51	ug/L	103	1.0	SW846 8260B
4-Methyl-2-pentanone	ND	10.0	11.2	ug/L	112		SW846 8260B
	ND	10.0	12.5	ug/L	125 a	11	SW846 8260B
Styrene	ND	5.00	4.50	ug/L	90		SW846 8260B
	ND	5.00	3.80	ug/L	76 a	17	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	5.00	5.01	ug/L	100		SW846 8260B
	ND	5.00	5.20	ug/L	104	3.8	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.00	7.12	ug/L	142 a		SW846 8260B
	ND	5.00	7.29	ug/L	146 a	2.4	SW846 8260B
Tetrachloroethene	ND	5.00	5.28	ug/L	106		SW846 8260B
	ND	5.00	5.52	ug/L	110	4.5	SW846 8260B
Toluene	ND	5.00	5.30	ug/L	106		SW846 8260B
	ND	5.00	5.57	ug/L	111	4.9	SW846 8260B
1,2,4-Trichloro-benzene	ND	5.00	4.58	ug/L	92		SW846 8260B
	ND	5.00	4.95	ug/L	99	7.9	SW846 8260B
1,1,1-Trichloroethane	ND	5.00	6.07	ug/L	121 a		SW846 8260B
	ND	5.00	5.80	ug/L	116	4.6	SW846 8260B
1,1,2-Trichloroethane	ND	5.00	6.44	ug/L	129 a		SW846 8260B
	ND	5.00	6.50	ug/L	130 a	0.91	SW846 8260B
Trichloroethene	ND	5.00	4.27	ug/L	85		SW846 8260B
	ND	5.00	4.27	ug/L	85	0.08	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7G240162 **Work Order #...:** J3FV71CX-MS **Matrix.....:** WG
MS Lot-Sample #: D7G240162-012 J3FV71C0-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Trichlorofluoromethane	ND	5.00	7.93	ug/L	159 a		SW846 8260B
	ND	5.00	7.13	ug/L	143 a	11	SW846 8260B
1,2,3-Trichloropropane	ND	5.00	5.38	ug/L	108		SW846 8260B
	ND	5.00	5.15	ug/L	103	4.3	SW846 8260B
Vinyl chloride	ND	5.00	4.50	ug/L	90		SW846 8260B
	ND	5.00	4.36	ug/L	87	3.3	SW846 8260B
Xylenes (total)	ND	15.0	15.7	ug/L	105		SW846 8260B
	ND	15.0	16.3	ug/L	109	3.8	SW846 8260B
n-Butylbenzene	ND	5.00	4.99	ug/L	100		SW846 8260B
	ND	5.00	4.66	ug/L	93	6.8	SW846 8260B
sec-Butylbenzene	ND	5.00	4.50	ug/L	90		SW846 8260B
	ND	5.00	4.10	ug/L	82	9.2	SW846 8260B
Isopropylbenzene	ND	5.00	4.69	ug/L	94		SW846 8260B
	ND	5.00	4.47	ug/L	89	4.7	SW846 8260B
1,2,4-Trimethylbenzene	ND	5.00	4.46	ug/L	89		SW846 8260B
	ND	5.00	4.13	ug/L	83	7.8	SW846 8260B
1,3,5-Trimethylbenzene	ND	5.00	4.44	ug/L	89		SW846 8260B
	ND	5.00	4.28	ug/L	86	3.6	SW846 8260B
n-Propylbenzene	ND	5.00	3.74	ug/L	75 a		SW846 8260B
	ND	5.00	3.63	ug/L	73 a	3.0	SW846 8260B
tert-Butylbenzene	ND	5.00	3.67	ug/L	73 a		SW846 8260B
	ND	5.00	3.72	ug/L	74 a	1.2	SW846 8260B
Carbon disulfide	ND	5.00	3.77	ug/L	75		SW846 8260B
	ND	5.00	3.73	ug/L	75	1.1	SW846 8260B
Dibromochloromethane	ND	5.00	5.41	ug/L	108		SW846 8260B
	ND	5.00	5.59	ug/L	112	3.2	SW846 8260B
2-Chlorotoluene	ND	5.00	3.96	ug/L	79		SW846 8260B
	ND	5.00	3.85	ug/L	77	3.0	SW846 8260B
4-Chlorotoluene	ND	5.00	3.93	ug/L	79		SW846 8260B
	ND	5.00	3.61	ug/L	72 a	8.4	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.00	4.51	ug/L	90		SW846 8260B
	ND	5.00	4.80	ug/L	96	6.0	SW846 8260B
1,3-Dichloropropane	ND	5.00	5.84	ug/L	117 a		SW846 8260B
	ND	5.00	5.88	ug/L	118 a	0.65	SW846 8260B
2,2-Dichloropropane	ND	5.00	5.38	ug/L	108		SW846 8260B
	ND	5.00	5.04	ug/L	101	6.6	SW846 8260B
1,1-Dichloropropene	ND	5.00	4.98	ug/L	100		SW846 8260B
	ND	5.00	4.83	ug/L	97	3.0	SW846 8260B
Hexachlorobutadiene	ND	5.00	4.37	ug/L	87		SW846 8260B
	ND	5.00	4.22	ug/L	84	3.3	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7G240162 **Work Order #...:** J3FV71CX-MS **Matrix.....:** WG
MS Lot-Sample #: D7G240162-012 J3FV71C0-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
4-Isopropyltoluene	ND	5.00	4.15	ug/L	83		SW846 8260B
	ND	5.00	3.95	ug/L	79	4.9	SW846 8260B
Methyl tert-butyl ether	ND	10.0	10.1	ug/L	101		SW846 8260B
	ND	10.0	9.79	ug/L	98	3.0	SW846 8260B
1,2,3-Trichlorobenzene	ND	5.00	4.90	ug/L	98		SW846 8260B
	ND	5.00	5.22	ug/L	104	6.2	SW846 8260B
m-Xylene & p-Xylene	ND	10.0	10.4	ug/L	104		SW846 8260B
	ND	10.0	11.1	ug/L	111	6.2	SW846 8260B
o-Xylene	ND	5.00	5.30	ug/L	106		SW846 8260B
	ND	5.00	5.25	ug/L	105	1.1	SW846 8260B
Bromobenzene	ND	5.00	4.94	ug/L	99		SW846 8260B
	ND	5.00	4.43	ug/L	89	11	SW846 8260B
Bromochloromethane	ND	5.00	4.81	ug/L	96		SW846 8260B
	ND	5.00	4.89	ug/L	98	1.6	SW846 8260B
Naphthalene	ND	5.00	3.75	ug/L	75		SW846 8260B
	ND	5.00	4.12	ug/L	82	9.4	SW846 8260B
Vinyl acetate	ND	5.00	5.19	ug/L	104		SW846 8260B
	ND	5.00	5.04	ug/L	101	2.9	SW846 8260B
2-Pentanone	ND	10.0	11.0	ug/L	110		SW846 8260B
	ND	10.0	9.23	ug/L	92	18	SW846 8260B
2-Chloroethyl vinyl ether	ND	5.00	0.0	ug/L	0.0 a		SW846 8260B
	ND	5.00	0.0	ug/L	0.0 a	0.0	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	111	(77 - 119)
	105	(77 - 119)
1,2-Dichloroethane-d4	116	(70 - 127)
	111	(70 - 127)
4-Bromofluorobenzene	110	(78 - 118)
	110	(78 - 118)
Toluene-d8	101	(83 - 125)
	100	(83 - 125)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: D7G240162
MB Lot-Sample #: D7G250000-241

Work Order #...: J3HMJ1AA

Matrix.....: WATER

Analysis Date..: 08/01/07
Dilution Factor: 1

Prep Date.....: 07/25/07
Prep Batch #...: 7206241

Analysis Time..: 15:58

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acenaphthene	ND	10	ug/L	SW846 8270C
Acenaphthylene	ND	10	ug/L	SW846 8270C
Acetophenone	ND	10	ug/L	SW846 8270C
Anthracene	ND	10	ug/L	SW846 8270C
Benzo(a)anthracene	ND	10	ug/L	SW846 8270C
Benzo(b)fluoranthene	ND	10	ug/L	SW846 8270C
Benzo(k)fluoranthene	ND	10	ug/L	SW846 8270C
Benzo(ghi)perylene	ND	10	ug/L	SW846 8270C
Benzo(a)pyrene	ND	10	ug/L	SW846 8270C
bis(2-Chloroethoxy) methane	ND	10	ug/L	SW846 8270C
bis(2-Chloroethyl)-ether	ND	10	ug/L	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	SW846 8270C
4-Bromophenyl phenyl ether	ND	10	ug/L	SW846 8270C
Butyl benzyl phthalate	ND	20	ug/L	SW846 8270C
4-Chloroaniline	ND	20	ug/L	SW846 8270C
4-Chloro-3-methylphenol	ND	20	ug/L	SW846 8270C
2-Chloronaphthalene	ND	10	ug/L	SW846 8270C
2-Chlorophenol	ND	10	ug/L	SW846 8270C
4-Chlorophenyl phenyl ether	ND	10	ug/L	SW846 8270C
Chrysene	ND	10	ug/L	SW846 8270C
Dibenz(a,h)anthracene	ND	10	ug/L	SW846 8270C
Dibenzofuran	ND	10	ug/L	SW846 8270C
Di-n-butyl phthalate	ND	20	ug/L	SW846 8270C
3,3'-Dichlorobenzidine	ND	20	ug/L	SW846 8270C
2,4-Dichlorophenol	ND	10	ug/L	SW846 8270C
Diethyl phthalate	ND	20	ug/L	SW846 8270C
2,4-Dimethylphenol	ND	10	ug/L	SW846 8270C
Dimethyl phthalate	ND	20	ug/L	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	60	ug/L	SW846 8270C
2,4-Dinitrophenol	ND	60	ug/L	SW846 8270C
2,4-Dinitrotoluene	ND	20	ug/L	SW846 8270C
2,6-Dinitrotoluene	ND	20	ug/L	SW846 8270C
Di-n-octyl phthalate	ND	20	ug/L	SW846 8270C
Fluoranthene	ND	20	ug/L	SW846 8270C
Fluorene	ND	10	ug/L	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: D7G240162 **Work Order #...:** J3HMJ1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Hexachlorobenzene	ND	10	ug/L	SW846 8270C
Hexachlorocyclopenta-diene	ND	10	ug/L	SW846 8270C
Hexachloroethane	ND	10	ug/L	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	SW846 8270C
2-Methylnaphthalene	ND	10	ug/L	SW846 8270C
2-Methylphenol	ND	10	ug/L	SW846 8270C
Naphthalene	ND	10	ug/L	SW846 8270C
2-Nitroaniline	ND	50	ug/L	SW846 8270C
3-Nitroaniline	ND	50	ug/L	SW846 8270C
4-Nitroaniline	ND	50	ug/L	SW846 8270C
Nitrobenzene	ND	20	ug/L	SW846 8270C
2-Nitrophenol	ND	20	ug/L	SW846 8270C
4-Nitrophenol	ND	50	ug/L	SW846 8270C
N-Nitrosodiphenylamine	ND	10	ug/L	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	20	ug/L	SW846 8270C
Pentachlorophenol	ND	60	ug/L	SW846 8270C
Phenanthrene	ND	10	ug/L	SW846 8270C
Phenol	ND	10	ug/L	SW846 8270C
Pyrene	ND	10	ug/L	SW846 8270C
2,4,5-Trichloro-phenol	ND	20	ug/L	SW846 8270C
2,4,6-Trichloro-phenol	ND	20	ug/L	SW846 8270C
bis(2-Chloroisopropyl) ether	ND	10	ug/L	SW846 8270C
4-Methylphenol	ND	20	ug/L	SW846 8270C
Hexachlorobutadiene	ND	10	ug/L	SW846 8270C
Caprolactam	ND	20	ug/L	SW846 8270C
Atrazine	ND	50	ug/L	SW846 8270C
Carbazole	ND	10	ug/L	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	78	(51 - 120)
Phenol-d5	78	(51 - 120)
Nitrobenzene-d5	79	(48 - 120)
2-Fluorobiphenyl	73	(49 - 120)
2,4,6-Tribromophenol	73	(57 - 120)
Terphenyl-d14	85	(61 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

ND: The analyte was analyzed for, but not detected.

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: D7G240162 **Work Order #...:** J3KX21AA **Matrix.....:** SOLID
MB Lot-Sample #: D7G260000-139

Prep Date.....: 07/26/07 **Analysis Time..:** 12:04
Analysis Date..: 07/31/07 **Prep Batch #...:** 7207139
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acenaphthene	ND	330	ug/kg	SW846 8270C
Acenaphthylene	ND	330	ug/kg	SW846 8270C
Acetophenone	ND	330	ug/kg	SW846 8270C
Anthracene	ND	330	ug/kg	SW846 8270C
Benzo(a)anthracene	ND	660	ug/kg	SW846 8270C
Benzo(b)fluoranthene	ND	660	ug/kg	SW846 8270C
Benzo(k)fluoranthene	ND	660	ug/kg	SW846 8270C
Benzo(ghi)perylene	ND	660	ug/kg	SW846 8270C
Benzo(a)pyrene	ND	660	ug/kg	SW846 8270C
bis(2-Chloroethoxy) methane	ND	330	ug/kg	SW846 8270C
bis(2-Chloroethyl)-ether	ND	660	ug/kg	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	660	ug/kg	SW846 8270C
4-Bromophenyl phenyl ether	ND	660	ug/kg	SW846 8270C
Butyl benzyl phthalate	ND	660	ug/kg	SW846 8270C
4-Chloroaniline	ND	1300	ug/kg	SW846 8270C
4-Chloro-3-methylphenol	ND	1300	ug/kg	SW846 8270C
2-Chloronaphthalene	ND	330	ug/kg	SW846 8270C
2-Chlorophenol	ND	660	ug/kg	SW846 8270C
4-Chlorophenyl phenyl ether	ND	660	ug/kg	SW846 8270C
Chrysene	ND	660	ug/kg	SW846 8270C
Dibenz(a,h)anthracene	ND	660	ug/kg	SW846 8270C
Dibenzofuran	ND	660	ug/kg	SW846 8270C
Di-n-butyl phthalate	ND	660	ug/kg	SW846 8270C
3,3'-Dichlorobenzidine	ND	1300	ug/kg	SW846 8270C
2,4-Dichlorophenol	ND	660	ug/kg	SW846 8270C
Diethyl phthalate	ND	660	ug/kg	SW846 8270C
2,4-Dimethylphenol	ND	660	ug/kg	SW846 8270C
Dimethyl phthalate	ND	660	ug/kg	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	3300	ug/kg	SW846 8270C
2,4-Dinitrophenol	ND	3300	ug/kg	SW846 8270C
2,4-Dinitrotoluene	ND	660	ug/kg	SW846 8270C
2,6-Dinitrotoluene	ND	660	ug/kg	SW846 8270C
Di-n-octyl phthalate	ND	660	ug/kg	SW846 8270C
Fluoranthene	ND	660	ug/kg	SW846 8270C
Fluorene	ND	660	ug/kg	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: D7G240162 **Work Order #...:** J3KX21AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Hexachlorobenzene	ND	660	ug/kg	SW846 8270C
Hexachlorocyclopenta-diene	ND	660	ug/kg	SW846 8270C
Hexachloroethane	ND	660	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	660	ug/kg	SW846 8270C
2-Methylnaphthalene	ND	660	ug/kg	SW846 8270C
2-Methylphenol	ND	660	ug/kg	SW846 8270C
Naphthalene	ND	660	ug/kg	SW846 8270C
2-Nitroaniline	ND	3300	ug/kg	SW846 8270C
3-Nitroaniline	ND	3300	ug/kg	SW846 8270C
4-Nitroaniline	ND	3300	ug/kg	SW846 8270C
Nitrobenzene	ND	660	ug/kg	SW846 8270C
2-Nitrophenol	ND	660	ug/kg	SW846 8270C
4-Nitrophenol	ND	3300	ug/kg	SW846 8270C
N-Nitrosodiphenylamine	ND	660	ug/kg	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	660	ug/kg	SW846 8270C
Pentachlorophenol	ND	3300	ug/kg	SW846 8270C
Phenanthrene	ND	660	ug/kg	SW846 8270C
Phenol	ND	660	ug/kg	SW846 8270C
Pyrene	ND	660	ug/kg	SW846 8270C
2,4,5-Trichloro-phenol	ND	660	ug/kg	SW846 8270C
2,4,6-Trichloro-phenol	ND	660	ug/kg	SW846 8270C
bis(2-Chloroisopropyl) ether	ND	660	ug/kg	SW846 8270C
4-Methylphenol	ND	660	ug/kg	SW846 8270C
Hexachlorobutadiene	ND	660	ug/kg	SW846 8270C
Caprolactam	ND	1600	ug/kg	SW846 8270C
Atrazine	ND	330	ug/kg	SW846 8270C
Carbazole	ND	330	ug/kg	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	78	(53 - 120)
Phenol-d5	77	(52 - 120)
Nitrobenzene-d5	77	(50 - 120)
2-Fluorobiphenyl	76	(50 - 120)
2,4,6-Tribromophenol	70	(51 - 120)
Terphenyl-d14	83	(55 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

ND: The analyte was analyzed for, but not detected.

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: D7G240162 **Work Order #...:** J34DR1AA **Matrix.....:** WATER
MB Lot-Sample #: D7H020000-361

Prep Date.....: 08/02/07 **Analysis Time..:** 10:58
Analysis Date..: 08/07/07 **Prep Batch #...:** 7214361
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acenaphthene	ND	10	ug/L	SW846 8270C
Acenaphthylene	ND	10	ug/L	SW846 8270C
Acetophenone	ND	10	ug/L	SW846 8270C
Anthracene	ND	10	ug/L	SW846 8270C
Benzo(a)anthracene	ND	10	ug/L	SW846 8270C
Benzo(b)fluoranthene	ND	10	ug/L	SW846 8270C
Benzo(k)fluoranthene	ND	10	ug/L	SW846 8270C
Benzo(ghi)perylene	ND	10	ug/L	SW846 8270C
Benzo(a)pyrene	ND	10	ug/L	SW846 8270C
bis(2-Chloroethoxy) methane	ND	10	ug/L	SW846 8270C
bis(2-Chloroethyl)-ether	ND	10	ug/L	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	SW846 8270C
4-Bromophenyl phenyl ether	ND	10	ug/L	SW846 8270C
Butyl benzyl phthalate	ND	20	ug/L	SW846 8270C
4-Chloroaniline	ND	20	ug/L	SW846 8270C
4-Chloro-3-methylphenol	ND	20	ug/L	SW846 8270C
2-Chloronaphthalene	ND	10	ug/L	SW846 8270C
2-Chlorophenol	ND	10	ug/L	SW846 8270C
4-Chlorophenyl phenyl ether	ND	10	ug/L	SW846 8270C
Chrysene	ND	10	ug/L	SW846 8270C
Dibenz(a,h)anthracene	ND	10	ug/L	SW846 8270C
Dibenzofuran	ND	10	ug/L	SW846 8270C
Di-n-butyl phthalate	ND	20	ug/L	SW846 8270C
3,3'-Dichlorobenzidine	ND	20	ug/L	SW846 8270C
2,4-Dichlorophenol	ND	10	ug/L	SW846 8270C
Diethyl phthalate	ND	20	ug/L	SW846 8270C
2,4-Dimethylphenol	ND	10	ug/L	SW846 8270C
Dimethyl phthalate	ND	20	ug/L	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	60	ug/L	SW846 8270C
2,4-Dinitrophenol	ND	60	ug/L	SW846 8270C
2,4-Dinitrotoluene	ND	20	ug/L	SW846 8270C
2,6-Dinitrotoluene	ND	20	ug/L	SW846 8270C
Di-n-octyl phthalate	ND	20	ug/L	SW846 8270C
Fluoranthene	ND	20	ug/L	SW846 8270C
Fluorene	ND	10	ug/L	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: D7G240162 **Work Order #...:** J34DR1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Hexachlorobenzene	ND	10	ug/L	SW846 8270C
Hexachlorocyclopentadiene	ND	10	ug/L	SW846 8270C
Hexachloroethane	ND	10	ug/L	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	SW846 8270C
2-Methylnaphthalene	ND	10	ug/L	SW846 8270C
2-Methylphenol	ND	10	ug/L	SW846 8270C
Naphthalene	ND	10	ug/L	SW846 8270C
2-Nitroaniline	ND	50	ug/L	SW846 8270C
3-Nitroaniline	ND	50	ug/L	SW846 8270C
4-Nitroaniline	ND	50	ug/L	SW846 8270C
Nitrobenzene	ND	20	ug/L	SW846 8270C
2-Nitrophenol	ND	20	ug/L	SW846 8270C
4-Nitrophenol	ND	50	ug/L	SW846 8270C
N-Nitrosodiphenylamine	ND	10	ug/L	SW846 8270C
N-Nitrosodi-n-propylamine	ND	20	ug/L	SW846 8270C
Pentachlorophenol	ND	60	ug/L	SW846 8270C
Phenanthrene	ND	10	ug/L	SW846 8270C
Phenol	ND	10	ug/L	SW846 8270C
Pyrene	ND	10	ug/L	SW846 8270C
2,4,5-Trichlorophenol	ND	20	ug/L	SW846 8270C
2,4,6-Trichlorophenol	ND	20	ug/L	SW846 8270C
bis(2-Chloroisopropyl) ether	ND	10	ug/L	SW846 8270C
4-Methylphenol	ND	20	ug/L	SW846 8270C
Hexachlorobutadiene	ND	10	ug/L	SW846 8270C
Caprolactam	ND	20	ug/L	SW846 8270C
Atrazine	ND	50	ug/L	SW846 8270C
Carbazole	ND	10	ug/L	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	75	(51 - 120)
Phenol-d5	78	(51 - 120)
Nitrobenzene-d5	75	(48 - 120)
2-Fluorobiphenyl	65	(49 - 120)
2,4,6-Tribromophenol	83	(57 - 120)
Terphenyl-d14	94	(61 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

ND: The analyte was analyzed for, but not detected.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G240162 Work Order #...: J3HMJ1AC Matrix.....: WATER
LCS Lot-Sample#: D7G250000-241
Prep Date.....: 07/25/07 Analysis Date..: 08/01/07
Prep Batch #...: 7206241 Analysis Time..: 16:20
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Acenaphthene	78	(53 - 120)	SW846 8270C
1,2,4-Trichloro-benzene	76	(43 - 120)	SW846 8270C
Acenaphthylene	78	(54 - 120)	SW846 8270C
1,3-Dichlorobenzene	69	(38 - 120)	SW846 8270C
Anthracene	80	(56 - 120)	SW846 8270C
Benzo(a)anthracene	79	(54 - 120)	SW846 8270C
Benzo(b)fluoranthene	79	(57 - 120)	SW846 8270C
Benzo(k)fluoranthene	84	(52 - 120)	SW846 8270C
Benzo(ghi)perylene	79	(53 - 120)	SW846 8270C
Benzo(a)pyrene	77	(53 - 120)	SW846 8270C
bis(2-Chloroethoxy) methane	78	(52 - 120)	SW846 8270C
bis(2-Chloroethyl)-ether	74	(49 - 120)	SW846 8270C
bis(2-Ethylhexyl) phthalate	84	(48 - 120)	SW846 8270C
4-Bromophenyl phenyl ether	82	(52 - 120)	SW846 8270C
Butyl benzyl phthalate	88	(55 - 120)	SW846 8270C
4-Chloroaniline	72	(52 - 120)	SW846 8270C
4-Chloro-3-methylphenol	79	(63 - 120)	SW846 8270C
2-Chloronaphthalene	79	(47 - 120)	SW846 8270C
2-Chlorophenol	77	(57 - 120)	SW846 8270C
4-Chlorophenyl phenyl ether	81	(56 - 120)	SW846 8270C
Chrysene	80	(56 - 120)	SW846 8270C
Dibenz(a,h)anthracene	79	(54 - 120)	SW846 8270C
Dibenzofuran	80	(58 - 120)	SW846 8270C
Di-n-butyl phthalate	84	(52 - 120)	SW846 8270C
3,3'-Dichlorobenzidine	63	(29 - 120)	SW846 8270C
2,4-Dichlorophenol	80	(59 - 120)	SW846 8270C
Diethyl phthalate	82	(61 - 120)	SW846 8270C
2,4-Dimethylphenol	50	(41 - 120)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G240162 **Work Order #...:** J3HMJ1AC **Matrix.....:** WATER
LCS Lot-Sample#: D7G250000-241

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Dimethyl phthalate	82	(61 - 120)	SW846 8270C
4,6-Dinitro-2-methylphenol	78	(37 - 126)	SW846 8270C
2,4-Dinitrophenol	75	(30 - 136)	SW846 8270C
2,4-Dinitrotoluene	88	(51 - 120)	SW846 8270C
2,6-Dinitrotoluene	78	(42 - 125)	SW846 8270C
Di-n-octyl phthalate	86	(47 - 120)	SW846 8270C
Fluoranthene	85	(49 - 120)	SW846 8270C
Fluorene	78	(57 - 120)	SW846 8270C
Hexachlorobenzene	83	(53 - 120)	SW846 8270C
Hexachlorocyclopentadiene	17	(10 - 120)	SW846 8270C
Hexachloroethane	68	(36 - 120)	SW846 8270C
Indeno(1,2,3-cd)pyrene	77	(56 - 120)	SW846 8270C
2-Methylnaphthalene	76	(54 - 120)	SW846 8270C
2-Methylphenol	77	(50 - 120)	SW846 8270C
Naphthalene	74	(46 - 120)	SW846 8270C
2-Nitroaniline	84	(44 - 120)	SW846 8270C
Benzyl alcohol	82	(55 - 120)	SW846 8270C
3-Nitroaniline	81	(49 - 120)	SW846 8270C
4-Nitroaniline	82	(39 - 120)	SW846 8270C
Nitrobenzene	80	(41 - 120)	SW846 8270C
2-Nitrophenol	80	(51 - 120)	SW846 8270C
4-Nitrophenol	88	(49 - 124)	SW846 8270C
N-Nitrosodiphenylamine	67	(58 - 120)	SW846 8270C
N-Nitrosodi-n-propylamine	83	(46 - 120)	SW846 8270C
Pentachlorophenol	84	(52 - 120)	SW846 8270C
Phenanthrene	79	(57 - 120)	SW846 8270C
Benzoic acid	80	(16 - 120)	SW846 8270C
Phenol	77	(52 - 120)	SW846 8270C
Pyrene	81	(56 - 120)	SW846 8270C
2,4,5-Trichlorophenol	82	(60 - 120)	SW846 8270C
2,4,6-Trichlorophenol	80	(52 - 120)	SW846 8270C
bis(2-Chloroisopropyl) ether	75	(37 - 120)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G240162 **Work Order #...:** J3HMJ1AC **Matrix.....:** WATER
LCS Lot-Sample#: D7G250000-241

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
4-Methylphenol	**76**	**(54 - 120)**	**SW846 8270C**
Hexachlorobutadiene	**74**	**(40 - 120)**	**SW846 8270C**
Carbazole	**80**	**(48 - 120)**	**SW846 8270C**
Isophorone	**82**	**(51 - 120)**	**SW846 8270C**
Pyridine	**66**	**(24 - 120)**	**SW846 8270C**
3-Methylphenol & 4-Methylphenol	**76**	**(54 - 120)**	**SW846 8270C**
N-Nitrosodimethylamine	**77**	**(44 - 120)**	**SW846 8270C**
1,2-Dichlorobenzene	**74**	**(40 - 120)**	**SW846 8270C**
1,4-Dichlorobenzene	**69**	**(38 - 120)**	**SW846 8270C**
Aniline	**46**	**(10 - 120)**	**SW846 8270C**
1,2-Diphenylhydrazine (as Azobenzene)	**81**	**(55 - 120)**	**SW846 8270C**
1-Methylnaphthalene	**75**	**(52 - 120)**	**SW846 8270C**
1,4-Dioxane	**70**	**(43 - 120)**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	76	(51 - 120)
Phenol-d5	78	(51 - 120)
Nitrobenzene-d5	80	(48 - 120)
2-Fluorobiphenyl	78	(49 - 120)
2,4,6-Tribromophenol	84	(57 - 120)
Terphenyl-d14	84	(61 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G240162 **Work Order #...:** J3HMJ1AC **Matrix.....:** WATER
LCS Lot-Sample#: D7G250000-241
Prep Date.....: 07/25/07 **Analysis Date..:** 08/01/07
Prep Batch #...: 7206241 **Analysis Time..:** 16:20
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Acenaphthene	100	77.6	ug/L	78	SW846 8270C
1,2,4-Trichloro-benzene	100	75.9	ug/L	76	SW846 8270C
Acenaphthylene	100	78.3	ug/L	78	SW846 8270C
1,3-Dichlorobenzene	100	69.4	ug/L	69	SW846 8270C
Anthracene	100	80.3	ug/L	80	SW846 8270C
Benzo(a)anthracene	100	78.9	ug/L	79	SW846 8270C
Benzo(b)fluoranthene	100	78.9	ug/L	79	SW846 8270C
Benzo(k)fluoranthene	100	84.1	ug/L	84	SW846 8270C
Benzo(ghi)perylene	100	79.2	ug/L	79	SW846 8270C
Benzo(a)pyrene	100	77.1	ug/L	77	SW846 8270C
bis(2-Chloroethoxy) methane	100	78.4	ug/L	78	SW846 8270C
bis(2-Chloroethyl)-ether	100	74.1	ug/L	74	SW846 8270C
bis(2-Ethylhexyl) phthalate	100	84.2	ug/L	84	SW846 8270C
4-Bromophenyl phenyl ether	100	82.2	ug/L	82	SW846 8270C
Butyl benzyl phthalate	100	87.8	ug/L	88	SW846 8270C
4-Chloroaniline	100	72.0	ug/L	72	SW846 8270C
4-Chloro-3-methylphenol	100	78.9	ug/L	79	SW846 8270C
2-Chloronaphthalene	100	78.8	ug/L	79	SW846 8270C
2-Chlorophenol	100	76.6	ug/L	77	SW846 8270C
4-Chlorophenyl phenyl ether	100	80.6	ug/L	81	SW846 8270C
Chrysene	100	79.7	ug/L	80	SW846 8270C
Dibenz(a,h)anthracene	100	79.5	ug/L	79	SW846 8270C
Dibenzofuran	100	80.4	ug/L	80	SW846 8270C
Di-n-butyl phthalate	100	84.5	ug/L	84	SW846 8270C
3,3'-Dichlorobenzidine	100	63.0	ug/L	63	SW846 8270C
2,4-Dichlorophenol	100	79.8	ug/L	80	SW846 8270C
Diethyl phthalate	100	82.1	ug/L	82	SW846 8270C
2,4-Dimethylphenol	100	49.7	ug/L	50	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G240162 **Work Order #...:** J3HMJ1AC **Matrix.....:** WATER
LCS Lot-Sample#: D7G250000-241

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Dimethyl phthalate	100	81.7	ug/L	82	SW846 8270C
4,6-Dinitro-2-methylphenol	100	78.4	ug/L	78	SW846 8270C
2,4-Dinitrophenol	100	75.1	ug/L	75	SW846 8270C
2,4-Dinitrotoluene	100	88.3	ug/L	88	SW846 8270C
2,6-Dinitrotoluene	100	78.3	ug/L	78	SW846 8270C
Di-n-octyl phthalate	100	85.7	ug/L	86	SW846 8270C
Fluoranthene	100	85.0	ug/L	85	SW846 8270C
Fluorene	100	77.7	ug/L	78	SW846 8270C
Hexachlorobenzene	100	82.8	ug/L	83	SW846 8270C
Hexachlorocyclopentadiene	100	16.8	ug/L	17	SW846 8270C
Hexachloroethane	100	67.6	ug/L	68	SW846 8270C
Indeno(1,2,3-cd)pyrene	100	76.7	ug/L	77	SW846 8270C
2-Methylnaphthalene	100	76.2	ug/L	76	SW846 8270C
2-Methylphenol	100	77.4	ug/L	77	SW846 8270C
Naphthalene	100	73.7	ug/L	74	SW846 8270C
2-Nitroaniline	100	83.8	ug/L	84	SW846 8270C
Benzyl alcohol	100	81.9	ug/L	82	SW846 8270C
3-Nitroaniline	100	81.1	ug/L	81	SW846 8270C
4-Nitroaniline	100	82.0	ug/L	82	SW846 8270C
Nitrobenzene	100	79.9	ug/L	80	SW846 8270C
2-Nitrophenol	100	79.6	ug/L	80	SW846 8270C
4-Nitrophenol	100	88.1	ug/L	88	SW846 8270C
N-Nitrosodiphenylamine	100	66.6	ug/L	67	SW846 8270C
N-Nitrosodi-n-propylamine	100	83.0	ug/L	83	SW846 8270C
Pentachlorophenol	100	83.5	ug/L	84	SW846 8270C
Phenanthrene	100	79.2	ug/L	79	SW846 8270C
Benzoic acid	100	80.1	ug/L	80	SW846 8270C
Phenol	100	77.5	ug/L	77	SW846 8270C
Pyrene	100	80.8	ug/L	81	SW846 8270C
2,4,5-Trichlorophenol	100	82.4	ug/L	82	SW846 8270C
2,4,6-Trichlorophenol	100	80.3	ug/L	80	SW846 8270C
bis(2-Chloroisopropyl) ether	100	75.4	ug/L	75	SW846 8270C

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G240162 **Work Order #...:** J3HMJ1AC **Matrix.....:** WATER
LCS Lot-Sample#: D7G250000-241

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
4-Methylphenol	**100**	**76.0**	**ug/L**	**76**	**SW846 8270C**
Hexachlorobutadiene	**100**	**74.5**	**ug/L**	**74**	**SW846 8270C**
Carbazole	**100**	**79.8**	**ug/L**	**80**	**SW846 8270C**
Isophorone	**100**	**82.4**	**ug/L**	**82**	**SW846 8270C**
Pyridine	**100**	**66.2**	**ug/L**	**66**	**SW846 8270C**
3-Methylphenol & 4-Methylphenol	**100**	**76.0**	**ug/L**	**76**	**SW846 8270C**
N-Nitrosodimethylamine	**100**	**77.0**	**ug/L**	**77**	**SW846 8270C**
1,2-Dichlorobenzene	**100**	**73.9**	**ug/L**	**74**	**SW846 8270C**
1,4-Dichlorobenzene	**100**	**69.1**	**ug/L**	**69**	**SW846 8270C**
Aniline	**100**	**46.1**	**ug/L**	**46**	**SW846 8270C**
1,2-Diphenylhydrazine (as Azobenzene)	**100**	**80.6**	**ug/L**	**81**	**SW846 8270C**
1-Methylnaphthalene	**100**	**75.2**	**ug/L**	**75**	**SW846 8270C**
1,4-Dioxane	**100**	**70.1**	**ug/L**	**70**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	76	(51 - 120)
Phenol-d5	78	(51 - 120)
Nitrobenzene-d5	80	(48 - 120)
2-Fluorobiphenyl	78	(49 - 120)
2,4,6-Tribromophenol	84	(57 - 120)
Terphenyl-d14	84	(61 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G240162 Work Order #...: J3KX21AC Matrix.....: SOLID
LCS Lot-Sample#: D7G260000-139
Prep Date.....: 07/26/07 Analysis Date..: 07/31/07
Prep Batch #...: 7207139 Analysis Time..: 11:22
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Acenaphthene	75	(52 - 120)	SW846 8270C
1,2,4-Trichloro-benzene	76	(50 - 120)	SW846 8270C
Acenaphthylene	76	(53 - 120)	SW846 8270C
1,3-Dichlorobenzene	70	(46 - 120)	SW846 8270C
Anthracene	76	(57 - 120)	SW846 8270C
Benzo(a)anthracene	72	(55 - 120)	SW846 8270C
Benzo(b)fluoranthene	70	(52 - 120)	SW846 8270C
Benzo(k)fluoranthene	83	(54 - 120)	SW846 8270C
Benzo(ghi)perylene	72	(50 - 120)	SW846 8270C
Benzo(a)pyrene	73	(54 - 120)	SW846 8270C
bis(2-Chloroethoxy) methane	76	(49 - 120)	SW846 8270C
bis(2-Chloroethyl)-ether	72	(48 - 120)	SW846 8270C
bis(2-Ethylhexyl) phthalate	77	(51 - 120)	SW846 8270C
4-Bromophenyl phenyl ether	75	(53 - 120)	SW846 8270C
Butyl benzyl phthalate	79	(49 - 120)	SW846 8270C
4-Chloroaniline	63	(28 - 120)	SW846 8270C
4-Chloro-3-methylphenol	75	(57 - 120)	SW846 8270C
2-Chloronaphthalene	78	(53 - 120)	SW846 8270C
2-Chlorophenol	75	(53 - 120)	SW846 8270C
4-Chlorophenyl phenyl ether	76	(55 - 120)	SW846 8270C
Chrysene	74	(55 - 120)	SW846 8270C
Dibenz(a,h)anthracene	72	(55 - 120)	SW846 8270C
Dibenzofuran	78	(56 - 120)	SW846 8270C
Di-n-butyl phthalate	78	(57 - 120)	SW846 8270C
3,3'-Dichlorobenzidine	68	(34 - 120)	SW846 8270C
2,4-Dichlorophenol	76	(53 - 120)	SW846 8270C
Diethyl phthalate	76	(57 - 120)	SW846 8270C
2,4-Dimethylphenol	63	(53 - 120)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G240162 **Work Order #...:** J3KX21AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7G260000-139

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Dimethyl phthalate	76	(57 - 120)	SW846 8270C
4,6-Dinitro-2-methylphenol	70	(30 - 120)	SW846 8270C
2,4-Dinitrophenol	62	(15 - 120)	SW846 8270C
2,4-Dinitrotoluene	80	(53 - 120)	SW846 8270C
2,6-Dinitrotoluene	73	(53 - 120)	SW846 8270C
Di-n-octyl phthalate	78	(54 - 120)	SW846 8270C
Fluoranthene	79	(55 - 120)	SW846 8270C
Fluorene	75	(55 - 120)	SW846 8270C
Hexachlorobenzene	75	(51 - 120)	SW846 8270C
Hexachlorocyclopentadiene	80	(35 - 120)	SW846 8270C
Hexachloroethane	72	(46 - 120)	SW846 8270C
Indeno(1,2,3-cd)pyrene	69	(54 - 120)	SW846 8270C
2-Methylnaphthalene	76	(55 - 120)	SW846 8270C
2-Methylphenol	73	(51 - 120)	SW846 8270C
Naphthalene	74	(50 - 120)	SW846 8270C
2-Nitroaniline	76	(50 - 120)	SW846 8270C
Benzyl alcohol	79	(52 - 120)	SW846 8270C
3-Nitroaniline	69	(35 - 120)	SW846 8270C
4-Nitroaniline	78	(44 - 120)	SW846 8270C
Nitrobenzene	75	(49 - 120)	SW846 8270C
2-Nitrophenol	78	(53 - 120)	SW846 8270C
4-Nitrophenol	78	(41 - 120)	SW846 8270C
N-Nitrosodiphenylamine	64	(55 - 120)	SW846 8270C
N-Nitrosodi-n-propylamine	78	(51 - 120)	SW846 8270C
Pentachlorophenol	69	(30 - 120)	SW846 8270C
Phenanthrene	73	(58 - 120)	SW846 8270C
Benzoic acid	74	(10 - 120)	SW846 8270C
Phenol	75	(54 - 120)	SW846 8270C
Pyrene	74	(50 - 120)	SW846 8270C
2,4,5-Trichlorophenol	78	(56 - 120)	SW846 8270C
2,4,6-Trichlorophenol	78	(50 - 120)	SW846 8270C
bis(2-Chloroisopropyl) ether	67	(47 - 120)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G240162 **Work Order #...:** J3KX21AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7G260000-139

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
4-Methylphenol	**74**	**(53 - 120)**	**SW846 8270C**
Hexachlorobutadiene	**76**	**(48 - 120)**	**SW846 8270C**
Carbazole	**75**	**(54 - 120)**	**SW846 8270C**
Isophorone	**78**	**(46 - 120)**	**SW846 8270C**
Pyridine	**43**	**(23 - 120)**	**SW846 8270C**
3-Methylphenol & 4-Methylphenol	**74**	**(53 - 120)**	**SW846 8270C**
N-Nitrosodimethylamine	**69**	**(41 - 120)**	**SW846 8270C**
1,2-Dichlorobenzene	**73**	**(48 - 120)**	**SW846 8270C**
1,4-Dichlorobenzene	**70**	**(46 - 120)**	**SW846 8270C**
Aniline	**38**	**(17 - 120)**	**SW846 8270C**
1,2-Diphenylhydrazine (as Azobenzene)	**75**	**(54 - 120)**	**SW846 8270C**
1-Methylnaphthalene	**75**	**(52 - 120)**	**SW846 8270C**
1,4-Dioxane	**39**	**(21 - 120)**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	77	(53 - 120)
Phenol-d5	77	(52 - 120)
Nitrobenzene-d5	76	(50 - 120)
2-Fluorobiphenyl	78	(50 - 120)
2,4,6-Tribromophenol	76	(51 - 120)
Terphenyl-d14	78	(55 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G240162 **Work Order #...:** J3KX21AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7G260000-139
Prep Date.....: 07/26/07 **Analysis Date..:** 07/31/07
Prep Batch #...: 7207139 **Analysis Time..:** 11:22
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Acenaphthene	3260	2450	ug/kg	75	SW846 8270C
1,2,4-Trichloro-benzene	3260	2470	ug/kg	76	SW846 8270C
Acenaphthylene	3260	2460	ug/kg	76	SW846 8270C
1,3-Dichlorobenzene	3260	2290	ug/kg	70	SW846 8270C
Anthracene	3260	2470	ug/kg	76	SW846 8270C
Benzo(a)anthracene	3260	2360	ug/kg	72	SW846 8270C
Benzo(b)fluoranthene	3260	2280	ug/kg	70	SW846 8270C
Benzo(k)fluoranthene	3260	2710	ug/kg	83	SW846 8270C
Benzo(ghi)perylene	3260	2350	ug/kg	72	SW846 8270C
Benzo(a)pyrene	3260	2390	ug/kg	73	SW846 8270C
bis(2-Chloroethoxy) methane	3260	2460	ug/kg	76	SW846 8270C
bis(2-Chloroethyl)-ether	3260	2350	ug/kg	72	SW846 8270C
bis(2-Ethylhexyl) phthalate	3260	2520	ug/kg	77	SW846 8270C
4-Bromophenyl phenyl ether	3260	2450	ug/kg	75	SW846 8270C
Butyl benzyl phthalate	3260	2570	ug/kg	79	SW846 8270C
4-Chloroaniline	3260	2060	ug/kg	63	SW846 8270C
4-Chloro-3-methylphenol	3260	2450	ug/kg	75	SW846 8270C
2-Chloronaphthalene	3260	2540	ug/kg	78	SW846 8270C
2-Chlorophenol	3260	2440	ug/kg	75	SW846 8270C
4-Chlorophenyl phenyl ether	3260	2480	ug/kg	76	SW846 8270C
Chrysene	3260	2410	ug/kg	74	SW846 8270C
Dibenz(a,h)anthracene	3260	2360	ug/kg	72	SW846 8270C
Dibenzofuran	3260	2530	ug/kg	78	SW846 8270C
Di-n-butyl phthalate	3260	2550	ug/kg	78	SW846 8270C
3,3'-Dichlorobenzidine	3260	2210	ug/kg	68	SW846 8270C
2,4-Dichlorophenol	3260	2490	ug/kg	76	SW846 8270C
Diethyl phthalate	3260	2490	ug/kg	76	SW846 8270C
2,4-Dimethylphenol	3260	2060	ug/kg	63	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G240162 **Work Order #...:** J3KX21AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7G260000-139

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Dimethyl phthalate	3260	2480	ug/kg	76	SW846 8270C
4,6-Dinitro-2-methylphenol	3260	2280	ug/kg	70	SW846 8270C
2,4-Dinitrophenol	3260	2000	ug/kg	62	SW846 8270C
2,4-Dinitrotoluene	3260	2610	ug/kg	80	SW846 8270C
2,6-Dinitrotoluene	3260	2380	ug/kg	73	SW846 8270C
Di-n-octyl phthalate	3260	2540	ug/kg	78	SW846 8270C
Fluoranthene	3260	2570	ug/kg	79	SW846 8270C
Fluorene	3260	2450	ug/kg	75	SW846 8270C
Hexachlorobenzene	3260	2460	ug/kg	75	SW846 8270C
Hexachlorocyclopentadiene	3260	2610	ug/kg	80	SW846 8270C
Hexachloroethane	3260	2330	ug/kg	72	SW846 8270C
Indeno(1,2,3-cd)pyrene	3260	2260	ug/kg	69	SW846 8270C
2-Methylnaphthalene	3260	2490	ug/kg	76	SW846 8270C
2-Methylphenol	3260	2370	ug/kg	73	SW846 8270C
Naphthalene	3260	2400	ug/kg	74	SW846 8270C
2-Nitroaniline	3260	2480	ug/kg	76	SW846 8270C
Benzyl alcohol	3260	2580	ug/kg	79	SW846 8270C
3-Nitroaniline	3260	2250	ug/kg	69	SW846 8270C
4-Nitroaniline	3260	2560	ug/kg	78	SW846 8270C
Nitrobenzene	3260	2440	ug/kg	75	SW846 8270C
2-Nitrophenol	3260	2530	ug/kg	78	SW846 8270C
4-Nitrophenol	3260	2530	ug/kg	78	SW846 8270C
N-Nitrosodiphenylamine	3260	2090	ug/kg	64	SW846 8270C
N-Nitrosodi-n-propylamine	3260	2540	ug/kg	78	SW846 8270C
Pentachlorophenol	3260	2260	ug/kg	69	SW846 8270C
Phenanthrene	3260	2360	ug/kg	73	SW846 8270C
Benzoic acid	3260	2410	ug/kg	74	SW846 8270C
Phenol	3260	2440	ug/kg	75	SW846 8270C
Pyrene	3260	2420	ug/kg	74	SW846 8270C
2,4,5-Trichlorophenol	3260	2530	ug/kg	78	SW846 8270C
2,4,6-Trichlorophenol	3260	2540	ug/kg	78	SW846 8270C
bis(2-Chloroisopropyl) ether	3260	2190	ug/kg	67	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G240162 **Work Order #...:** J3KX21AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7G260000-139

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
4-Methylphenol	**3260**	**2420**	**ug/kg**	**74**	**SW846 8270C**
Hexachlorobutadiene	**3260**	**2480**	**ug/kg**	**76**	**SW846 8270C**
Carbazole	**3260**	**2460**	**ug/kg**	**75**	**SW846 8270C**
Isophorone	**3260**	**2550**	**ug/kg**	**78**	**SW846 8270C**
Pyridine	**3260**	**1400**	**ug/kg**	**43**	**SW846 8270C**
3-Methylphenol & 4-Methylphenol	**3260**	**2420**	**ug/kg**	**74**	**SW846 8270C**
N-Nitrosodimethylamine	**3260**	**2230**	**ug/kg**	**69**	**SW846 8270C**
1,2-Dichlorobenzene	**3260**	**2380**	**ug/kg**	**73**	**SW846 8270C**
1,4-Dichlorobenzene	**3260**	**2280**	**ug/kg**	**70**	**SW846 8270C**
Aniline	**3260**	**1240**	**ug/kg**	**38**	**SW846 8270C**
1,2-Diphenylhydrazine (as Azobenzene)	**3260**	**2440**	**ug/kg**	**75**	**SW846 8270C**
1-Methylnaphthalene	**3260**	**2440**	**ug/kg**	**75**	**SW846 8270C**
1,4-Dioxane	**3260**	**1270**	**ug/kg**	**39**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	77	(53 - 120)
Phenol-d5	77	(52 - 120)
Nitrobenzene-d5	76	(50 - 120)
2-Fluorobiphenyl	78	(50 - 120)
2,4,6-Tribromophenol	76	(51 - 120)
Terphenyl-d14	78	(55 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G240162 Work Order #...: J34DR1AC Matrix.....: WATER
LCS Lot-Sample#: D7H020000-361
Prep Date.....: 08/02/07 Analysis Date..: 08/07/07
Prep Batch #...: 7214361 Analysis Time..: 11:18
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Acenaphthene	81	(53 - 120)	SW846 8270C
1,2,4-Trichloro-benzene	62	(43 - 120)	SW846 8270C
Acenaphthylene	80	(54 - 120)	SW846 8270C
1,3-Dichlorobenzene	54	(38 - 120)	SW846 8270C
Anthracene	86	(56 - 120)	SW846 8270C
Benzo(a)anthracene	85	(54 - 120)	SW846 8270C
Benzo(b)fluoranthene	90	(57 - 120)	SW846 8270C
Benzo(k)fluoranthene	83	(52 - 120)	SW846 8270C
Benzo(ghi)perylene	87	(53 - 120)	SW846 8270C
Benzo(a)pyrene	82	(53 - 120)	SW846 8270C
bis(2-Chloroethoxy) methane	80	(52 - 120)	SW846 8270C
bis(2-Chloroethyl)-ether	72	(49 - 120)	SW846 8270C
bis(2-Ethylhexyl) phthalate	86	(48 - 120)	SW846 8270C
4-Bromophenyl phenyl ether	89	(52 - 120)	SW846 8270C
Butyl benzyl phthalate	84	(55 - 120)	SW846 8270C
4-Chloroaniline	74	(52 - 120)	SW846 8270C
4-Chloro-3-methylphenol	89	(63 - 120)	SW846 8270C
2-Chloronaphthalene	79	(47 - 120)	SW846 8270C
2-Chlorophenol	75	(57 - 120)	SW846 8270C
4-Chlorophenyl phenyl ether	87	(56 - 120)	SW846 8270C
Chrysene	83	(56 - 120)	SW846 8270C
Dibenz(a,h)anthracene	90	(54 - 120)	SW846 8270C
Dibenzofuran	84	(58 - 120)	SW846 8270C
Di-n-butyl phthalate	90	(52 - 120)	SW846 8270C
3,3'-Dichlorobenzidine	69	(29 - 120)	SW846 8270C
2,4-Dichlorophenol	85	(59 - 120)	SW846 8270C
Diethyl phthalate	90	(61 - 120)	SW846 8270C
2,4-Dimethylphenol	62	(41 - 120)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G240162 Work Order #...: J34DR1AC Matrix.....: WATER
LCS Lot-Sample#: D7H020000-361

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Dimethyl phthalate	90	(61 - 120)	SW846 8270C
4,6-Dinitro-2-methylphenol	85	(37 - 126)	SW846 8270C
2,4-Dinitrophenol	85	(30 - 136)	SW846 8270C
2,4-Dinitrotoluene	91	(51 - 120)	SW846 8270C
2,6-Dinitrotoluene	83	(42 - 125)	SW846 8270C
Di-n-octyl phthalate	88	(47 - 120)	SW846 8270C
Fluoranthene	93	(49 - 120)	SW846 8270C
Fluorene	84	(57 - 120)	SW846 8270C
Hexachlorobenzene	92	(53 - 120)	SW846 8270C
Hexachlorocyclopentadiene	22	(10 - 120)	SW846 8270C
Hexachloroethane	53	(36 - 120)	SW846 8270C
Indeno(1,2,3-cd)pyrene	86	(56 - 120)	SW846 8270C
2-Methylnaphthalene	74	(54 - 120)	SW846 8270C
2-Methylphenol	74	(50 - 120)	SW846 8270C
Naphthalene	67	(46 - 120)	SW846 8270C
2-Nitroaniline	90	(44 - 120)	SW846 8270C
Benzyl alcohol	85	(55 - 120)	SW846 8270C
3-Nitroaniline	86	(49 - 120)	SW846 8270C
4-Nitroaniline	81	(39 - 120)	SW846 8270C
Nitrobenzene	77	(41 - 120)	SW846 8270C
2-Nitrophenol	83	(51 - 120)	SW846 8270C
4-Nitrophenol	94	(49 - 124)	SW846 8270C
N-Nitrosodiphenylamine	69	(58 - 120)	SW846 8270C
N-Nitrosodi-n-propylamine	81	(46 - 120)	SW846 8270C
Pentachlorophenol	86	(52 - 120)	SW846 8270C
Phenanthrene	86	(57 - 120)	SW846 8270C
Benzoic acid	96	(16 - 120)	SW846 8270C
Phenol	78	(52 - 120)	SW846 8270C
Pyrene	82	(56 - 120)	SW846 8270C
2,4,5-Trichlorophenol	90	(60 - 120)	SW846 8270C
2,4,6-Trichlorophenol	90	(52 - 120)	SW846 8270C
bis(2-Chloroisopropyl) ether	71	(37 - 120)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G240162 **Work Order #...:** J34DR1AC **Matrix.....:** WATER
LCS Lot-Sample#: D7H020000-361

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
4-Methylphenol	**79**	**(54 - 120)**	**SW846 8270C**
Hexachlorobutadiene	**58**	**(40 - 120)**	**SW846 8270C**
Carbazole	**86**	**(48 - 120)**	**SW846 8270C**
Isophorone	**86**	**(51 - 120)**	**SW846 8270C**
Pyridine	**64**	**(24 - 120)**	**SW846 8270C**
3-Methylphenol & 4-Methylphenol	**79**	**(54 - 120)**	**SW846 8270C**
N-Nitrosodimethylamine	**69**	**(44 - 120)**	**SW846 8270C**
1,2-Dichlorobenzene	**58**	**(40 - 120)**	**SW846 8270C**
1,4-Dichlorobenzene	**55**	**(38 - 120)**	**SW846 8270C**
Aniline	**40**	**(10 - 120)**	**SW846 8270C**
1,2-Diphenylhydrazine (as Azobenzene)	**85**	**(55 - 120)**	**SW846 8270C**
1-Methylnaphthalene	**73**	**(52 - 120)**	**SW846 8270C**
1,4-Dioxane	**64**	**(43 - 120)**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	72	(51 - 120)
Phenol-d5	79	(51 - 120)
Nitrobenzene-d5	77	(48 - 120)
2-Fluorobiphenyl	68	(49 - 120)
2,4,6-Tribromophenol	104	(57 - 120)
Terphenyl-d14	84	(61 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G240162 Work Order #...: J34DR1AC Matrix.....: WATER
LCS Lot-Sample#: D7H020000-361
Prep Date.....: 08/02/07 Analysis Date..: 08/07/07
Prep Batch #...: 7214361 Analysis Time..: 11:18
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Acenaphthene	100	81.3	ug/L	81	SW846 8270C
1,2,4-Trichloro-benzene	100	62.0	ug/L	62	SW846 8270C
Acenaphthylene	100	80.5	ug/L	80	SW846 8270C
1,3-Dichlorobenzene	100	54.3	ug/L	54	SW846 8270C
Anthracene	100	86.0	ug/L	86	SW846 8270C
Benzo(a)anthracene	100	84.5	ug/L	85	SW846 8270C
Benzo(b)fluoranthene	100	90.2	ug/L	90	SW846 8270C
Benzo(k)fluoranthene	100	83.5	ug/L	83	SW846 8270C
Benzo(ghi)perylene	100	86.5	ug/L	87	SW846 8270C
Benzo(a)pyrene	100	82.1	ug/L	82	SW846 8270C
bis(2-Chloroethoxy) methane	100	79.8	ug/L	80	SW846 8270C
bis(2-Chloroethyl)-ether	100	71.7	ug/L	72	SW846 8270C
bis(2-Ethylhexyl) phthalate	100	86.4	ug/L	86	SW846 8270C
4-Bromophenyl phenyl ether	100	88.7	ug/L	89	SW846 8270C
Butyl benzyl phthalate	100	83.8	ug/L	84	SW846 8270C
4-Chloroaniline	100	73.6	ug/L	74	SW846 8270C
4-Chloro-3-methylphenol	100	88.8	ug/L	89	SW846 8270C
2-Chloronaphthalene	100	79.1	ug/L	79	SW846 8270C
2-Chlorophenol	100	74.6	ug/L	75	SW846 8270C
4-Chlorophenyl phenyl ether	100	87.3	ug/L	87	SW846 8270C
Chrysene	100	82.6	ug/L	83	SW846 8270C
Dibenz(a,h)anthracene	100	89.8	ug/L	90	SW846 8270C
Dibenzofuran	100	84.1	ug/L	84	SW846 8270C
Di-n-butyl phthalate	100	90.5	ug/L	90	SW846 8270C
3,3'-Dichlorobenzidine	100	69.4	ug/L	69	SW846 8270C
2,4-Dichlorophenol	100	84.8	ug/L	85	SW846 8270C
Diethyl phthalate	100	90.4	ug/L	90	SW846 8270C
2,4-Dimethylphenol	100	61.8	ug/L	62	SW846 8270C

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G240162 **Work Order #...:** J34DR1AC **Matrix.....:** WATER
LCS Lot-Sample#: D7H020000-361

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Dimethyl phthalate	100	90.1	ug/L	90	SW846 8270C
4,6-Dinitro-2-methylphenol	100	85.1	ug/L	85	SW846 8270C
2,4-Dinitrophenol	100	84.6	ug/L	85	SW846 8270C
2,4-Dinitrotoluene	100	90.6	ug/L	91	SW846 8270C
2,6-Dinitrotoluene	100	82.9	ug/L	83	SW846 8270C
Di-n-octyl phthalate	100	87.7	ug/L	88	SW846 8270C
Fluoranthene	100	92.6	ug/L	93	SW846 8270C
Fluorene	100	84.4	ug/L	84	SW846 8270C
Hexachlorobenzene	100	92.0	ug/L	92	SW846 8270C
Hexachlorocyclopentadiene	100	22.3	ug/L	22	SW846 8270C
Hexachloroethane	100	52.8	ug/L	53	SW846 8270C
Indeno(1,2,3-cd)pyrene	100	85.5	ug/L	86	SW846 8270C
2-Methylnaphthalene	100	73.9	ug/L	74	SW846 8270C
2-Methylphenol	100	74.3	ug/L	74	SW846 8270C
Naphthalene	100	67.3	ug/L	67	SW846 8270C
2-Nitroaniline	100	90.2	ug/L	90	SW846 8270C
Benzyl alcohol	100	84.8	ug/L	85	SW846 8270C
3-Nitroaniline	100	85.6	ug/L	86	SW846 8270C
4-Nitroaniline	100	81.1	ug/L	81	SW846 8270C
Nitrobenzene	100	77.4	ug/L	77	SW846 8270C
2-Nitrophenol	100	82.7	ug/L	83	SW846 8270C
4-Nitrophenol	100	93.9	ug/L	94	SW846 8270C
N-Nitrosodiphenylamine	100	68.6	ug/L	69	SW846 8270C
N-Nitrosodi-n-propylamine	100	81.3	ug/L	81	SW846 8270C
Pentachlorophenol	100	85.9	ug/L	86	SW846 8270C
Phenanthrene	100	85.7	ug/L	86	SW846 8270C
Benzoic acid	100	96.4	ug/L	96	SW846 8270C
Phenol	100	77.8	ug/L	78	SW846 8270C
Pyrene	100	82.1	ug/L	82	SW846 8270C
2,4,5-Trichlorophenol	100	90.4	ug/L	90	SW846 8270C
2,4,6-Trichlorophenol	100	89.8	ug/L	90	SW846 8270C
bis(2-Chloroisopropyl) ether	100	70.9	ug/L	71	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G240162 **Work Order #...:** J34DR1AC **Matrix.....:** WATER
LCS Lot-Sample#: D7H020000-361

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
4-Methylphenol	**100**	**78.9**	**ug/L**	**79**	**SW846 8270C**
Hexachlorobutadiene	**100**	**57.5**	**ug/L**	**58**	**SW846 8270C**
Carbazole	**100**	**86.2**	**ug/L**	**86**	**SW846 8270C**
Isophorone	**100**	**85.8**	**ug/L**	**86**	**SW846 8270C**
Pyridine	**100**	**64.4**	**ug/L**	**64**	**SW846 8270C**
3-Methylphenol & 4-Methylphenol	**100**	**78.9**	**ug/L**	**79**	**SW846 8270C**
N-Nitrosodimethylamine	**100**	**69.2**	**ug/L**	**69**	**SW846 8270C**
1,2-Dichlorobenzene	**100**	**58.1**	**ug/L**	**58**	**SW846 8270C**
1,4-Dichlorobenzene	**100**	**54.9**	**ug/L**	**55**	**SW846 8270C**
Aniline	**100**	**39.6**	**ug/L**	**40**	**SW846 8270C**
1,2-Diphenylhydrazine (as Azobenzene)	**100**	**85.2**	**ug/L**	**85**	**SW846 8270C**
1-Methylnaphthalene	**100**	**73.4**	**ug/L**	**73**	**SW846 8270C**
1,4-Dioxane	**100**	**64.0**	**ug/L**	**64**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	72	(51 - 120)
Phenol-d5	79	(51 - 120)
Nitrobenzene-d5	77	(48 - 120)
2-Fluorobiphenyl	68	(49 - 120)
2,4,6-Tribromophenol	104	(57 - 120)
Terphenyl-d14	84	(61 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G240162 **Work Order #...:** J3FT41CV-MS **Matrix.....:** WG
MS Lot-Sample #: D7G240162-003 J3FT41CW-MSD
Date Sampled...: 07/21/07 09:10 **Date Received..:** 07/24/07
Prep Date.....: 07/25/07 **Analysis Date..:** 08/01/07
Prep Batch #...: 7206241 **Analysis Time..:** 17:45
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acenaphthene	71	(53 - 120)			SW846 8270C
	70	(53 - 120)	5.1	(0-30)	SW846 8270C
1,2,4-Trichloro-benzene	50	(43 - 120)			SW846 8270C
	57	(43 - 120)	20	(0-42)	SW846 8270C
Acenaphthylene	70	(54 - 120)			SW846 8270C
	70	(54 - 120)	5.6	(0-30)	SW846 8270C
1,3-Dichlorobenzene	46	(38 - 120)			SW846 8270C
	55	(38 - 120)	23	(0-52)	SW846 8270C
Anthracene	78	(56 - 120)			SW846 8270C
	81	(56 - 120)	9.0	(0-30)	SW846 8270C
Benzo(a)anthracene	79	(54 - 120)			SW846 8270C
	79	(54 - 120)	7.0	(0-30)	SW846 8270C
Benzo(b)fluoranthene	80	(57 - 120)			SW846 8270C
	82	(57 - 120)	9.1	(0-38)	SW846 8270C
Benzo(k)fluoranthene	84	(52 - 120)			SW846 8270C
	81	(52 - 120)	2.5	(0-37)	SW846 8270C
Benzo(ghi)perylene	80	(53 - 120)			SW846 8270C
	82	(53 - 120)	8.7	(0-30)	SW846 8270C
Benzo(a)pyrene	78	(53 - 120)			SW846 8270C
	78	(53 - 120)	6.6	(0-30)	SW846 8270C
bis(2-Chloroethoxy) methane	74	(52 - 120)			SW846 8270C
	73	(52 - 120)	4.5	(0-30)	SW846 8270C
bis(2-Chloroethyl)-ether	65	(49 - 120)			SW846 8270C
	64	(49 - 120)	4.5	(0-34)	SW846 8270C
bis(2-Ethylhexyl) phthalate	84	(48 - 120)			SW846 8270C
	86	(48 - 120)	8.3	(0-30)	SW846 8270C
4-Bromophenyl phenyl ether	82	(52 - 120)			SW846 8270C
	81	(52 - 120)	4.3	(0-31)	SW846 8270C
Butyl benzyl phthalate	87	(55 - 120)			SW846 8270C
	89	(55 - 120)	8.8	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G240162 **Work Order #...:** J3FT41CV-MS **Matrix.....:** WG
MS Lot-Sample #: D7G240162-003 J3FT41CW-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
4-Chloroaniline	58	(52 - 120)			SW846 8270C
	61	(52 - 120)	10	(0-54)	SW846 8270C
4-Chloro-3-methylphenol	85	(63 - 120)			SW846 8270C
	80	(63 - 120)	0.75	(0-30)	SW846 8270C
2-Chloronaphthalene	65	(47 - 120)			SW846 8270C
	66	(47 - 120)	9.0	(0-30)	SW846 8270C
2-Chlorophenol	69	(57 - 120)			SW846 8270C
	68	(57 - 120)	4.9	(0-30)	SW846 8270C
4-Chlorophenyl phenyl ether	80	(56 - 120)			SW846 8270C
	76	(56 - 120)	0.95	(0-30)	SW846 8270C
Chrysene	77	(56 - 120)			SW846 8270C
	79	(56 - 120)	9.6	(0-30)	SW846 8270C
Dibenz(a,h)anthracene	80	(54 - 120)			SW846 8270C
	81	(54 - 120)	8.3	(0-30)	SW846 8270C
Dibenzofuran	77	(58 - 120)			SW846 8270C
	74	(58 - 120)	3.0	(0-30)	SW846 8270C
Di-n-butyl phthalate	84	(52 - 120)			SW846 8270C
	85	(52 - 120)	6.7	(0-30)	SW846 8270C
3,3'-Dichlorobenzidine	31	(29 - 120)			SW846 8270C
	38	(29 - 120)	25	(0-30)	SW846 8270C
2,4-Dichlorophenol	78	(59 - 120)			SW846 8270C
	76	(59 - 120)	3.8	(0-30)	SW846 8270C
Diethyl phthalate	83	(61 - 120)			SW846 8270C
	80	(61 - 120)	2.6	(0-30)	SW846 8270C
2,4-Dimethylphenol	60	(41 - 120)			SW846 8270C
	61	(41 - 120)	6.7	(0-30)	SW846 8270C
Dimethyl phthalate	84	(61 - 120)			SW846 8270C
	81	(61 - 120)	3.3	(0-30)	SW846 8270C
4,6-Dinitro-2-methylphenol	88	(37 - 126)			SW846 8270C
	84	(37 - 126)	2.2	(0-37)	SW846 8270C
2,4-Dinitrophenol	91	(30 - 136)			SW846 8270C
	90	(30 - 136)	4.8	(0-49)	SW846 8270C
2,4-Dinitrotoluene	90	(51 - 120)			SW846 8270C
	87	(51 - 120)	3.2	(0-32)	SW846 8270C
2,6-Dinitrotoluene	81	(42 - 125)			SW846 8270C
	78	(42 - 125)	3.3	(0-30)	SW846 8270C
Di-n-octyl phthalate	86	(47 - 120)			SW846 8270C
	86	(47 - 120)	6.0	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G240162 **Work Order #...:** J3FT41CV-MS **Matrix.....:** WG
MS Lot-Sample #: D7G240162-003 J3FT41CW-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Fluoranthene	85	(49 - 120)			SW846 8270C
	86	(49 - 120)	7.3	(0-34)	SW846 8270C
Fluorene	77	(57 - 120)			SW846 8270C
	76	(57 - 120)	4.6	(0-30)	SW846 8270C
Hexachlorobenzene	83	(53 - 120)			SW846 8270C
	81	(53 - 120)	3.9	(0-30)	SW846 8270C
Hexachlorocyclopentadiene	9.4 a	(10 - 120)			SW846 8270C
	19 p	(10 - 120)	73	(0-72)	SW846 8270C
Hexachloroethane	45	(36 - 120)			SW846 8270C
	54	(36 - 120)	24	(0-57)	SW846 8270C
Indeno(1,2,3-cd)pyrene	77	(56 - 120)			SW846 8270C
	79	(56 - 120)	8.2	(0-30)	SW846 8270C
2-Methylnaphthalene	58	(54 - 120)			SW846 8270C
	61	(54 - 120)	10	(0-32)	SW846 8270C
2-Methylphenol	73	(50 - 120)			SW846 8270C
	74	(50 - 120)	6.5	(0-30)	SW846 8270C
Naphthalene	52	(46 - 120)			SW846 8270C
	57	(46 - 120)	15	(0-34)	SW846 8270C
2-Nitroaniline	86	(44 - 120)			SW846 8270C
	83	(44 - 120)	2.8	(0-30)	SW846 8270C
Benzyl alcohol	79	(55 - 120)			SW846 8270C
	76	(55 - 120)	3.3	(0-30)	SW846 8270C
3-Nitroaniline	74	(49 - 120)			SW846 8270C
	75	(49 - 120)	7.5	(0-35)	SW846 8270C
4-Nitroaniline	72	(39 - 120)			SW846 8270C
	72	(39 - 120)	7.3	(0-34)	SW846 8270C
Nitrobenzene	71	(41 - 120)			SW846 8270C
	73	(41 - 120)	8.4	(0-30)	SW846 8270C
2-Nitrophenol	76	(51 - 120)			SW846 8270C
	75	(51 - 120)	5.9	(0-30)	SW846 8270C
4-Nitrophenol	97	(49 - 124)			SW846 8270C
	92	(49 - 124)	1.1	(0-35)	SW846 8270C
N-Nitrosodiphenylamine	67	(58 - 120)			SW846 8270C
	66	(58 - 120)	5.1	(0-37)	SW846 8270C
N-Nitrosodi-n-propylamine	77	(46 - 120)			SW846 8270C
	76	(46 - 120)	5.4	(0-30)	SW846 8270C
Pentachlorophenol	95	(52 - 120)			SW846 8270C
	90	(52 - 120)	1.0	(0-33)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G240162 **Work Order #...:** J3FT41CV-MS **Matrix.....:** WG
MS Lot-Sample #: D7G240162-003 J3FT41CW-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Phenanthrene	78	(57 - 120)			SW846 8270C
	79	(57 - 120)	7.2	(0-30)	SW846 8270C
Benzoic acid	87	(16 - 120)			SW846 8270C
	76	(16 - 120)	5.5	(0-72)	SW846 8270C
Phenol	75	(52 - 120)			SW846 8270C
	73	(52 - 120)	4.8	(0-42)	SW846 8270C
Pyrene	82	(56 - 120)			SW846 8270C
	83	(56 - 120)	8.0	(0-30)	SW846 8270C
2,4,5-Trichloro-phenol	84	(60 - 120)			SW846 8270C
	83	(60 - 120)	4.4	(0-30)	SW846 8270C
2,4,6-Trichloro-phenol	81	(52 - 120)			SW846 8270C
	81	(52 - 120)	5.6	(0-30)	SW846 8270C
bis(2-Chloroisopropyl) ether	60	(37 - 120)			SW846 8270C
	61	(37 - 120)	9.1	(0-30)	SW846 8270C
4-Methylphenol	74	(54 - 120)			SW846 8270C
	72	(54 - 120)	3.9	(0-30)	SW846 8270C
Hexachlorobutadiene	48	(40 - 120)			SW846 8270C
	57	(40 - 120)	24	(0-47)	SW846 8270C
Carbazole	80	(48 - 120)			SW846 8270C
	80	(48 - 120)	6.1	(0-30)	SW846 8270C
Isophorone	79	(51 - 120)			SW846 8270C
	78	(51 - 120)	3.9	(0-30)	SW846 8270C
Pyridine	63	(24 - 120)			SW846 8270C
	61	(24 - 120)	3.7	(0-38)	SW846 8270C
3-Methylphenol & 4-Methylphenol	74	(54 - 120)			SW846 8270C
	72	(54 - 120)	3.9	(0-30)	SW846 8270C
N-Nitrosodimethylamine	68	(44 - 120)			SW846 8270C
	69	(44 - 120)	6.7	(0-43)	SW846 8270C
1,2-Dichlorobenzene	51	(40 - 120)			SW846 8270C
	58	(40 - 120)	19	(0-49)	SW846 8270C
1,4-Dichlorobenzene	46	(38 - 120)			SW846 8270C
	54	(38 - 120)	23	(0-52)	SW846 8270C
Aniline	29	(10 - 120)			SW846 8270C
	33	(10 - 120)	19	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G240162 **Work Order #...:** J3FT41CV-MS **Matrix.....:** WG
MS Lot-Sample #: D7G240162-003 J3FT41CW-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2-Diphenylhydrazine (as Azobenzene)	**80**	**(55 - 120)**			**SW846 8270C**
	78	**(55 - 120)**	**4.8**	**(0-30)**	**SW846 8270C**
1-Methylnaphthalene	**59**	**(52 - 120)**			**SW846 8270C**
	59	**(52 - 120)**	**7.7**	**(0-30)**	**SW846 8270C**
1,4-Dioxane	**62**	**(43 - 120)**			**SW846 8270C**
	62	**(43 - 120)**	**6.0**	**(0-39)**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	72	(51 - 120)
	72	(51 - 120)
Phenol-d5	76	(51 - 120)
	75	(51 - 120)
Nitrobenzene-d5	74	(48 - 120)
	72	(48 - 120)
2-Fluorobiphenyl	71	(49 - 120)
	70	(49 - 120)
2,4,6-Tribromophenol	89	(57 - 120)
	87	(57 - 120)
Terphenyl-d14	85	(61 - 120)
	86	(61 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

p Relative percent difference (RPD) is outside stated control limits.

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G240162 **Work Order #...:** J3FT41CV-MS **Matrix.....:** WG
MS Lot-Sample #: D7G240162-003 J3FT41CW-MSD
Date Sampled...: 07/21/07 09:10 **Date Received..:** 07/24/07
Prep Date.....: 07/25/07 **Analysis Date..:** 08/01/07
Prep Batch #...: 7206241 **Analysis Time..:** 17:45
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Acenaphthene	ND	104	73.9	ug/L	71		SW846 8270C
	ND	111	77.7	ug/L	70	5.1	SW846 8270C
1,2,4-Trichloro-benzene	ND	104	52.0	ug/L	50		SW846 8270C
	ND	111	63.7	ug/L	57	20	SW846 8270C
Acenaphthylene	ND	104	72.9	ug/L	70		SW846 8270C
	ND	111	77.1	ug/L	70	5.6	SW846 8270C
1,3-Dichlorobenzene	ND	104	48.1	ug/L	46		SW846 8270C
	ND	111	60.6	ug/L	55	23	SW846 8270C
Anthracene	ND	104	81.6	ug/L	78		SW846 8270C
	ND	111	89.3	ug/L	81	9.0	SW846 8270C
Benzo(a)anthracene	ND	104	82.1	ug/L	79		SW846 8270C
	ND	111	88.0	ug/L	79	7.0	SW846 8270C
Benzo(b)fluoranthene	ND	104	83.1	ug/L	80		SW846 8270C
	ND	111	91.1	ug/L	82	9.1	SW846 8270C
Benzo(k)fluoranthene	ND	104	87.7	ug/L	84		SW846 8270C
	ND	111	89.9	ug/L	81	2.5	SW846 8270C
Benzo(ghi)perylene	ND	104	82.9	ug/L	80		SW846 8270C
	ND	111	90.4	ug/L	82	8.7	SW846 8270C
Benzo(a)pyrene	ND	104	81.3	ug/L	78		SW846 8270C
	ND	111	86.8	ug/L	78	6.6	SW846 8270C
bis(2-Chloroethoxy) methane	ND	104	76.9	ug/L	74		SW846 8270C
	ND	111	80.5	ug/L	73	4.5	SW846 8270C
bis(2-Chloroethyl)-ether	ND	104	68.0	ug/L	65		SW846 8270C
	ND	111	71.2	ug/L	64	4.5	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	104	87.6	ug/L	84		SW846 8270C
	ND	111	95.2	ug/L	86	8.3	SW846 8270C
4-Bromophenyl phenyl ether	ND	104	85.7	ug/L	82		SW846 8270C
	ND	111	89.5	ug/L	81	4.3	SW846 8270C
Butyl benzyl phthalate	ND	104	90.3	ug/L	87		SW846 8270C
	ND	111	98.6	ug/L	89	8.8	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G240162 **Work Order #...:** J3FT41CV-MS **Matrix.....:** WG
MS Lot-Sample #: D7G240162-003 J3FT41CW-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
4-Chloroaniline	ND	104	60.9	ug/L	58		SW846 8270C
	ND	111	67.6	ug/L	61	10	SW846 8270C
4-Chloro-3-methylphenol	ND	104	88.0	ug/L	85		SW846 8270C
	ND	111	88.7	ug/L	80	0.75	SW846 8270C
2-Chloronaphthalene	ND	104	67.3	ug/L	65		SW846 8270C
	ND	111	73.6	ug/L	66	9.0	SW846 8270C
2-Chlorophenol	ND	104	72.1	ug/L	69		SW846 8270C
	ND	111	75.7	ug/L	68	4.9	SW846 8270C
4-Chlorophenyl phenyl ether	ND	104	83.3	ug/L	80		SW846 8270C
	ND	111	84.1	ug/L	76	0.95	SW846 8270C
Chrysene	ND	104	79.9	ug/L	77		SW846 8270C
	ND	111	88.0	ug/L	79	9.6	SW846 8270C
Dibenz(a,h)anthracene	ND	104	82.9	ug/L	80		SW846 8270C
	ND	111	90.1	ug/L	81	8.3	SW846 8270C
Dibenzofuran	ND	104	80.1	ug/L	77		SW846 8270C
	ND	111	82.5	ug/L	74	3.0	SW846 8270C
Di-n-butyl phthalate	ND	104	87.8	ug/L	84		SW846 8270C
	ND	111	93.9	ug/L	85	6.7	SW846 8270C
3,3'-Dichlorobenzidine	ND	104	32.5	ug/L	31		SW846 8270C
	ND	111	41.7	ug/L	38	25	SW846 8270C
2,4-Dichlorophenol	ND	104	81.0	ug/L	78		SW846 8270C
	ND	111	84.1	ug/L	76	3.8	SW846 8270C
Diethyl phthalate	ND	104	86.9	ug/L	83		SW846 8270C
	ND	111	89.2	ug/L	80	2.6	SW846 8270C
2,4-Dimethylphenol	ND	104	62.8	ug/L	60		SW846 8270C
	ND	111	67.2	ug/L	61	6.7	SW846 8270C
Dimethyl phthalate	ND	104	87.1	ug/L	84		SW846 8270C
	ND	111	90.0	ug/L	81	3.3	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	104	91.6	ug/L	88		SW846 8270C
	ND	111	93.6	ug/L	84	2.2	SW846 8270C
2,4-Dinitrophenol	ND	104	94.9	ug/L	91		SW846 8270C
	ND	111	99.5	ug/L	90	4.8	SW846 8270C
2,4-Dinitrotoluene	ND	104	93.8	ug/L	90		SW846 8270C
	ND	111	96.8	ug/L	87	3.2	SW846 8270C
2,6-Dinitrotoluene	ND	104	84.0	ug/L	81		SW846 8270C
	ND	111	86.8	ug/L	78	3.3	SW846 8270C
Di-n-octyl phthalate	ND	104	89.7	ug/L	86		SW846 8270C
	ND	111	95.2	ug/L	86	6.0	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G240162 **Work Order #...:** J3FT41CV-MS **Matrix.....:** WG
MS Lot-Sample #: D7G240162-003 J3FT41CW-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Fluoranthene	ND	104	88.3	ug/L	85		SW846 8270C
	ND	111	95.0	ug/L	86	7.3	SW846 8270C
Fluorene	ND	104	80.3	ug/L	77		SW846 8270C
	ND	111	84.0	ug/L	76	4.6	SW846 8270C
Hexachlorobenzene	ND	104	86.7	ug/L	83		SW846 8270C
	ND	111	90.2	ug/L	81	3.9	SW846 8270C
Hexachlorocyclopentadiene	ND	104	9.77	ug/L	9.4 a		SW846 8270C
	ND	111	21.0	ug/L	19 p	73	SW846 8270C
Hexachloroethane	ND	104	47.3	ug/L	45		SW846 8270C
	ND	111	60.0	ug/L	54	24	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	104	80.2	ug/L	77		SW846 8270C
	ND	111	87.0	ug/L	79	8.2	SW846 8270C
2-Methylnaphthalene	ND	104	60.7	ug/L	58		SW846 8270C
	ND	111	67.1	ug/L	61	10	SW846 8270C
2-Methylphenol	ND	104	76.4	ug/L	73		SW846 8270C
	ND	111	81.5	ug/L	74	6.5	SW846 8270C
Naphthalene	ND	104	54.6	ug/L	52		SW846 8270C
	ND	111	63.5	ug/L	57	15	SW846 8270C
2-Nitroaniline	ND	104	89.2	ug/L	86		SW846 8270C
	ND	111	91.8	ug/L	83	2.8	SW846 8270C
Benzyl alcohol	ND	104	82.0	ug/L	79		SW846 8270C
	ND	111	84.7	ug/L	76	3.3	SW846 8270C
3-Nitroaniline	ND	104	76.9	ug/L	74		SW846 8270C
	ND	111	82.9	ug/L	75	7.5	SW846 8270C
4-Nitroaniline	ND	104	74.7	ug/L	72		SW846 8270C
	ND	111	80.3	ug/L	72	7.3	SW846 8270C
Nitrobenzene	ND	104	74.0	ug/L	71		SW846 8270C
	ND	111	80.5	ug/L	73	8.4	SW846 8270C
2-Nitrophenol	ND	104	78.8	ug/L	76		SW846 8270C
	ND	111	83.6	ug/L	75	5.9	SW846 8270C
4-Nitrophenol	ND	104	101	ug/L	97		SW846 8270C
	ND	111	102	ug/L	92	1.1	SW846 8270C
N-Nitrosodiphenylamine	ND	104	69.8	ug/L	67		SW846 8270C
	ND	111	73.5	ug/L	66	5.1	SW846 8270C
N-Nitrosodi-n-propylamine	ND	104	79.9	ug/L	77		SW846 8270C
	ND	111	84.3	ug/L	76	5.4	SW846 8270C
Pentachlorophenol	ND	104	99.2	ug/L	95		SW846 8270C
	ND	111	100	ug/L	90	1.0	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G240162 **Work Order #...:** J3FT41CV-MS **Matrix.....:** WG
MS Lot-Sample #: D7G240162-003 J3FT41CW-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Phenanthrene	ND	104	81.6	ug/L	78		SW846 8270C
	ND	111	87.7	ug/L	79	7.2	SW846 8270C
Benzoic acid	26	104	117	ug/L	87		SW846 8270C
	26	111	111	ug/L	76	5.5	SW846 8270C
Phenol	ND	104	77.6	ug/L	75		SW846 8270C
	ND	111	81.4	ug/L	73	4.8	SW846 8270C
Pyrene	ND	104	85.1	ug/L	82		SW846 8270C
	ND	111	92.2	ug/L	83	8.0	SW846 8270C
2,4,5-Trichloro-phenol	ND	104	87.9	ug/L	84		SW846 8270C
	ND	111	91.9	ug/L	83	4.4	SW846 8270C
2,4,6-Trichloro-phenol	ND	104	84.5	ug/L	81		SW846 8270C
	ND	111	89.4	ug/L	81	5.6	SW846 8270C
bis(2-Chloroisopropyl) ether	ND	104	62.0	ug/L	60		SW846 8270C
	ND	111	67.9	ug/L	61	9.1	SW846 8270C
4-Methylphenol	ND	104	76.7	ug/L	74		SW846 8270C
	ND	111	79.8	ug/L	72	3.9	SW846 8270C
Hexachlorobutadiene	ND	104	50.1	ug/L	48		SW846 8270C
	ND	111	63.5	ug/L	57	24	SW846 8270C
Carbazole	ND	104	83.4	ug/L	80		SW846 8270C
	ND	111	88.7	ug/L	80	6.1	SW846 8270C
Isophorone	ND	104	82.8	ug/L	79		SW846 8270C
	ND	111	86.1	ug/L	78	3.9	SW846 8270C
Pyridine	ND	104	65.2	ug/L	63		SW846 8270C
	ND	111	67.6	ug/L	61	3.7	SW846 8270C
3-Methylphenol & 4-Methylphenol	ND	104	76.7	ug/L	74		SW846 8270C
	ND	111	79.8	ug/L	72	3.9	SW846 8270C
N-Nitrosodimethylamine	ND	104	71.3	ug/L	68		SW846 8270C
	ND	111	76.2	ug/L	69	6.7	SW846 8270C
1,2-Dichlorobenzene	ND	104	52.8	ug/L	51		SW846 8270C
	ND	111	63.9	ug/L	58	19	SW846 8270C
1,4-Dichlorobenzene	ND	104	47.8	ug/L	46		SW846 8270C
	ND	111	60.1	ug/L	54	23	SW846 8270C
Aniline	ND	104	30.5	ug/L	29		SW846 8270C
	ND	111	36.9	ug/L	33	19	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G240162 **Work Order #...:** J3FT41CV-MS **Matrix.....:** WG
MS Lot-Sample #: D7G240162-003 J3FT41CW-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,2-Diphenylhydrazine (as Azobenzene)	**ND**	**104**	**82.9**	**ug/L**	**80**		**SW846 8270C**
	ND	**111**	**87.0**	**ug/L**	**78**	**4.8**	**SW846 8270C**
1-Methylnaphthalene	**ND**	**104**	**61.0**	**ug/L**	**59**		**SW846 8270C**
	ND	**111**	**66.0**	**ug/L**	**59**	**7.7**	**SW846 8270C**
1,4-Dioxane	**2.0**	**104**	**66.4**	**ug/L**	**62**		**SW846 8270C**
	2.0	**111**	**70.5**	**ug/L**	**62**	**6.0**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	72	(51 - 120)
	72	(51 - 120)
Phenol-d5	76	(51 - 120)
	75	(51 - 120)
Nitrobenzene-d5	74	(48 - 120)
	72	(48 - 120)
2-Fluorobiphenyl	71	(49 - 120)
	70	(49 - 120)
2,4,6-Tribromophenol	89	(57 - 120)
	87	(57 - 120)
Terphenyl-d14	85	(61 - 120)
	86	(61 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

p Relative percent difference (RPD) is outside stated control limits.

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G240162 **Work Order #...:** J3FV71CV-MS **Matrix.....:** WG
MS Lot-Sample #: D7G240162-012 J3FV71CW-MSD
Date Sampled...: 07/23/07 09:20 **Date Received..:** 07/24/07
Prep Date.....: 07/25/07 **Analysis Date..:** 08/01/07
Prep Batch #...: 7206241 **Analysis Time..:** 20:14
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acenaphthene	81	(53 - 120)			SW846 8270C
	78	(53 - 120)	5.7	(0-30)	SW846 8270C
1,2,4-Trichloro-benzene	68	(43 - 120)			SW846 8270C
	68	(43 - 120)	1.5	(0-42)	SW846 8270C
Acenaphthylene	80	(54 - 120)			SW846 8270C
	77	(54 - 120)	5.8	(0-30)	SW846 8270C
1,3-Dichlorobenzene	61	(38 - 120)			SW846 8270C
	59	(38 - 120)	5.2	(0-52)	SW846 8270C
Anthracene	81	(56 - 120)			SW846 8270C
	80	(56 - 120)	2.9	(0-30)	SW846 8270C
Benzo(a)anthracene	81	(54 - 120)			SW846 8270C
	79	(54 - 120)	4.1	(0-30)	SW846 8270C
Benzo(b)fluoranthene	87	(57 - 120)			SW846 8270C
	80	(57 - 120)	10	(0-38)	SW846 8270C
Benzo(k)fluoranthene	84	(52 - 120)			SW846 8270C
	88	(52 - 120)	2.9	(0-37)	SW846 8270C
Benzo(ghi)perylene	82	(53 - 120)			SW846 8270C
	82	(53 - 120)	1.9	(0-30)	SW846 8270C
Benzo(a)pyrene	79	(53 - 120)			SW846 8270C
	79	(53 - 120)	1.8	(0-30)	SW846 8270C
bis(2-Chloroethoxy) methane	74	(52 - 120)			SW846 8270C
	74	(52 - 120)	1.9	(0-30)	SW846 8270C
bis(2-Chloroethyl)-ether	68	(49 - 120)			SW846 8270C
	68	(49 - 120)	2.0	(0-34)	SW846 8270C
bis(2-Ethylhexyl) phthalate	87	(48 - 120)			SW846 8270C
	88	(48 - 120)	1.0	(0-30)	SW846 8270C
4-Bromophenyl phenyl ether	85	(52 - 120)			SW846 8270C
	84	(52 - 120)	2.5	(0-31)	SW846 8270C
Butyl benzyl phthalate	91	(55 - 120)			SW846 8270C
	89	(55 - 120)	4.6	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G240162 **Work Order #...:** J3FV71CV-MS **Matrix.....:** WG
MS Lot-Sample #: D7G240162-012 J3FV71CW-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
4-Chloroaniline	62	(52 - 120)			SW846 8270C
	64	(52 - 120)	0.83	(0-54)	SW846 8270C
4-Chloro-3-methylphenol	83	(63 - 120)			SW846 8270C
	82	(63 - 120)	3.6	(0-30)	SW846 8270C
2-Chloronaphthalene	80	(47 - 120)			SW846 8270C
	76	(47 - 120)	6.3	(0-30)	SW846 8270C
2-Chlorophenol	71	(57 - 120)			SW846 8270C
	72	(57 - 120)	0.70	(0-30)	SW846 8270C
4-Chlorophenyl phenyl ether	84	(56 - 120)			SW846 8270C
	83	(56 - 120)	2.6	(0-30)	SW846 8270C
Chrysene	82	(56 - 120)			SW846 8270C
	79	(56 - 120)	5.6	(0-30)	SW846 8270C
Dibenz(a,h)anthracene	84	(54 - 120)			SW846 8270C
	83	(54 - 120)	2.8	(0-30)	SW846 8270C
Dibenzofuran	82	(58 - 120)			SW846 8270C
	81	(58 - 120)	2.8	(0-30)	SW846 8270C
Di-n-butyl phthalate	87	(52 - 120)			SW846 8270C
	87	(52 - 120)	1.8	(0-30)	SW846 8270C
3,3'-Dichlorobenzidine	9.9 a	(29 - 120)			SW846 8270C
	6.8 a,p	(29 - 120)	39	(0-30)	SW846 8270C
2,4-Dichlorophenol	76	(59 - 120)			SW846 8270C
	76	(59 - 120)	2.1	(0-30)	SW846 8270C
Diethyl phthalate	87	(61 - 120)			SW846 8270C
	87	(61 - 120)	2.3	(0-30)	SW846 8270C
2,4-Dimethylphenol	50	(41 - 120)			SW846 8270C
	48	(41 - 120)	5.7	(0-30)	SW846 8270C
Dimethyl phthalate	86	(61 - 120)			SW846 8270C
	85	(61 - 120)	2.8	(0-30)	SW846 8270C
4,6-Dinitro-2-methylphenol	91	(37 - 126)			SW846 8270C
	93	(37 - 126)	0.36	(0-37)	SW846 8270C
2,4-Dinitrophenol	94	(30 - 136)			SW846 8270C
	99	(30 - 136)	2.8	(0-49)	SW846 8270C
2,4-Dinitrotoluene	91	(51 - 120)			SW846 8270C
	93	(51 - 120)	0.19	(0-32)	SW846 8270C
2,6-Dinitrotoluene	83	(42 - 125)			SW846 8270C
	82	(42 - 125)	2.9	(0-30)	SW846 8270C
Di-n-octyl phthalate	89	(47 - 120)			SW846 8270C
	88	(47 - 120)	2.2	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G240162 **Work Order #...:** J3FV71CV-MS **Matrix.....:** WG
MS Lot-Sample #: D7G240162-012 J3FV71CW-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Fluoranthene	88	(49 - 120)			SW846 8270C
	88	(49 - 120)	2.0	(0-34)	SW846 8270C
Fluorene	81	(57 - 120)			SW846 8270C
	80	(57 - 120)	2.6	(0-30)	SW846 8270C
Hexachlorobenzene	87	(53 - 120)			SW846 8270C
	86	(53 - 120)	2.8	(0-30)	SW846 8270C
Hexachlorocyclopenta-diene	16	(10 - 120)			SW846 8270C
	14	(10 - 120)	12	(0-72)	SW846 8270C
Hexachloroethane	59	(36 - 120)			SW846 8270C
	58	(36 - 120)	3.0	(0-57)	SW846 8270C
Indeno(1,2,3-cd)pyrene	80	(56 - 120)			SW846 8270C
	79	(56 - 120)	3.8	(0-30)	SW846 8270C
2-Methylnaphthalene	73	(54 - 120)			SW846 8270C
	73	(54 - 120)	1.4	(0-32)	SW846 8270C
2-Methylphenol	73	(50 - 120)			SW846 8270C
	72	(50 - 120)	3.2	(0-30)	SW846 8270C
Naphthalene	68	(46 - 120)			SW846 8270C
	67	(46 - 120)	3.2	(0-34)	SW846 8270C
2-Nitroaniline	79	(44 - 120)			SW846 8270C
	78	(44 - 120)	3.1	(0-30)	SW846 8270C
Benzyl alcohol	79	(55 - 120)			SW846 8270C
	77	(55 - 120)	3.9	(0-30)	SW846 8270C
3-Nitroaniline	65	(49 - 120)			SW846 8270C
	69	(49 - 120)	2.9	(0-35)	SW846 8270C
4-Nitroaniline	40	(39 - 120)			SW846 8270C
	46	(39 - 120)	13	(0-34)	SW846 8270C
Nitrobenzene	107	(41 - 120)			SW846 8270C
	104	(41 - 120)	5.1	(0-30)	SW846 8270C
2-Nitrophenol	77	(51 - 120)			SW846 8270C
	77	(51 - 120)	0.88	(0-30)	SW846 8270C
4-Nitrophenol	100	(49 - 124)			SW846 8270C
	104	(49 - 124)	2.2	(0-35)	SW846 8270C
N-Nitrosodiphenylamine	66	(58 - 120)			SW846 8270C
	65	(58 - 120)	3.2	(0-37)	SW846 8270C
N-Nitrosodi-n-propyl-amine	79	(46 - 120)			SW846 8270C
	77	(46 - 120)	4.0	(0-30)	SW846 8270C
Pentachlorophenol	93	(52 - 120)			SW846 8270C
	94	(52 - 120)	0.88	(0-33)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G240162 Work Order #...: J3FV71CV-MS Matrix.....: WG
MS Lot-Sample #: D7G240162-012 J3FV71CW-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Phenanthrene	81	(57 - 120)			SW846 8270C
	81	(57 - 120)	1.7	(0-30)	SW846 8270C
Benzoic acid	96	(16 - 120)			SW846 8270C
	107	(16 - 120)	8.5	(0-72)	SW846 8270C
Phenol	75	(52 - 120)			SW846 8270C
	76	(52 - 120)	1.5	(0-42)	SW846 8270C
Pyrene	84	(56 - 120)			SW846 8270C
	83	(56 - 120)	3.8	(0-30)	SW846 8270C
2,4,5-Trichloro-phenol	88	(60 - 120)			SW846 8270C
	84	(60 - 120)	5.4	(0-30)	SW846 8270C
2,4,6-Trichloro-phenol	86	(52 - 120)			SW846 8270C
	84	(52 - 120)	4.2	(0-30)	SW846 8270C
bis(2-Chloroisopropyl) ether	66	(37 - 120)			SW846 8270C
	67	(37 - 120)	0.39	(0-30)	SW846 8270C
4-Methylphenol	72	(54 - 120)			SW846 8270C
	72	(54 - 120)	2.0	(0-30)	SW846 8270C
Hexachlorobutadiene	65	(40 - 120)			SW846 8270C
	65	(40 - 120)	2.2	(0-47)	SW846 8270C
Carbazole	81	(48 - 120)			SW846 8270C
	84	(48 - 120)	0.82	(0-30)	SW846 8270C
Isophorone	80	(51 - 120)			SW846 8270C
	80	(51 - 120)	1.3	(0-30)	SW846 8270C
Pyridine	63	(24 - 120)			SW846 8270C
	62	(24 - 120)	2.7	(0-38)	SW846 8270C
3-Methylphenol & 4-Methylphenol	72	(54 - 120)			SW846 8270C
	72	(54 - 120)	2.0	(0-30)	SW846 8270C
N-Nitrosodimethylamine	69	(44 - 120)			SW846 8270C
	70	(44 - 120)	0.66	(0-43)	SW846 8270C
1,2-Dichlorobenzene	76	(40 - 120)			SW846 8270C
	73	(40 - 120)	5.4	(0-49)	SW846 8270C
1,4-Dichlorobenzene	61	(38 - 120)			SW846 8270C
	60	(38 - 120)	3.5	(0-52)	SW846 8270C
Aniline	36	(10 - 120)			SW846 8270C
	37	(10 - 120)	0.60	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G240162 **Work Order #...:** J3FV71CV-MS **Matrix.....:** WG
MS Lot-Sample #: D7G240162-012 J3FV71CW-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2-Diphenylhydrazine (as Azobenzene)	**84**	**(55 - 120)**			**SW846 8270C**
	100	**(55 - 120)**	**16**	**(0-30)**	**SW846 8270C**
1-Methylnaphthalene	**73**	**(52 - 120)**			**SW846 8270C**
	72	**(52 - 120)**	**3.4**	**(0-30)**	**SW846 8270C**
1,4-Dioxane	**63**	**(43 - 120)**			**SW846 8270C**
	64	**(43 - 120)**	**0.14**	**(0-39)**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	72	(51 - 120)
	72	(51 - 120)
Phenol-d5	75	(51 - 120)
	74	(51 - 120)
Nitrobenzene-d5	74	(48 - 120)
	75	(48 - 120)
2-Fluorobiphenyl	79	(49 - 120)
	75	(49 - 120)
2,4,6-Tribromophenol	89	(57 - 120)
	88	(57 - 120)
Terphenyl-d14	86	(61 - 120)
	84	(61 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

p Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G240162 **Work Order #...:** J3FV71CV-MS **Matrix.....:** WG
MS Lot-Sample #: D7G240162-012 J3FV71CW-MSD
Date Sampled...: 07/23/07 09:20 **Date Received..:** 07/24/07
Prep Date.....: 07/25/07 **Analysis Date..:** 08/01/07
Prep Batch #...: 7206241 **Analysis Time..:** 20:14
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Acenaphthene	ND	95.5	77.4	ug/L	81		SW846 8270C
	ND	93.8	73.1	ug/L	78	5.7	SW846 8270C
1,2,4-Trichloro-benzene	ND	95.5	65.0	ug/L	68		SW846 8270C
	ND	93.8	64.0	ug/L	68	1.5	SW846 8270C
Acenaphthylene	ND	95.5	76.5	ug/L	80		SW846 8270C
	ND	93.8	72.2	ug/L	77	5.8	SW846 8270C
1,3-Dichlorobenzene	ND	95.5	58.5	ug/L	61		SW846 8270C
	ND	93.8	55.5	ug/L	59	5.2	SW846 8270C
Anthracene	ND	95.5	77.3	ug/L	81		SW846 8270C
	ND	93.8	75.2	ug/L	80	2.9	SW846 8270C
Benzo(a)anthracene	ND	95.5	77.2	ug/L	81		SW846 8270C
	ND	93.8	74.1	ug/L	79	4.1	SW846 8270C
Benzo(b)fluoranthene	ND	95.5	83.4	ug/L	87		SW846 8270C
	ND	93.8	75.3	ug/L	80	10	SW846 8270C
Benzo(k)fluoranthene	ND	95.5	80.5	ug/L	84		SW846 8270C
	ND	93.8	82.9	ug/L	88	2.9	SW846 8270C
Benzo(ghi)perylene	ND	95.5	78.6	ug/L	82		SW846 8270C
	ND	93.8	77.2	ug/L	82	1.9	SW846 8270C
Benzo(a)pyrene	ND	95.5	75.7	ug/L	79		SW846 8270C
	ND	93.8	74.4	ug/L	79	1.8	SW846 8270C
bis(2-Chloroethoxy) methane	ND	95.5	71.1	ug/L	74		SW846 8270C
	ND	93.8	69.8	ug/L	74	1.9	SW846 8270C
bis(2-Chloroethyl)-ether	ND	95.5	64.9	ug/L	68		SW846 8270C
	ND	93.8	63.6	ug/L	68	2.0	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	95.5	83.3	ug/L	87		SW846 8270C
	ND	93.8	82.5	ug/L	88	1.0	SW846 8270C
4-Bromophenyl phenyl ether	ND	95.5	81.2	ug/L	85		SW846 8270C
	ND	93.8	79.2	ug/L	84	2.5	SW846 8270C
Butyl benzyl phthalate	ND	95.5	87.2	ug/L	91		SW846 8270C
	ND	93.8	83.3	ug/L	89	4.6	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G240162 **Work Order #...:** J3FV71CV-MS **Matrix.....:** WG
MS Lot-Sample #: D7G240162-012 J3FV71CW-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
4-Chloroaniline	ND	95.5	59.3	ug/L	62		SW846 8270C
	ND	93.8	59.8	ug/L	64	0.83	SW846 8270C
4-Chloro-3-methylphenol	ND	95.5	79.7	ug/L	83		SW846 8270C
	ND	93.8	76.9	ug/L	82	3.6	SW846 8270C
2-Chloronaphthalene	ND	95.5	76.0	ug/L	80		SW846 8270C
	ND	93.8	71.3	ug/L	76	6.3	SW846 8270C
2-Chlorophenol	ND	95.5	67.9	ug/L	71		SW846 8270C
	ND	93.8	67.4	ug/L	72	0.70	SW846 8270C
4-Chlorophenyl phenyl ether	ND	95.5	80.0	ug/L	84		SW846 8270C
	ND	93.8	78.0	ug/L	83	2.6	SW846 8270C
Chrysene	ND	95.5	78.5	ug/L	82		SW846 8270C
	ND	93.8	74.2	ug/L	79	5.6	SW846 8270C
Dibenz(a,h)anthracene	ND	95.5	80.1	ug/L	84		SW846 8270C
	ND	93.8	77.9	ug/L	83	2.8	SW846 8270C
Dibenzofuran	ND	95.5	78.6	ug/L	82		SW846 8270C
	ND	93.8	76.4	ug/L	81	2.8	SW846 8270C
Di-n-butyl phthalate	ND	95.5	83.5	ug/L	87		SW846 8270C
	ND	93.8	82.0	ug/L	87	1.8	SW846 8270C
3,3'-Dichlorobenzidine	ND	95.5	9.43	ug/L	9.9 a		SW846 8270C
	ND	93.8	6.38	ug/L	6.8	39	SW846 8270C
	Qualifiers:		a,p				
2,4-Dichlorophenol	ND	95.5	72.9	ug/L	76		SW846 8270C
	ND	93.8	71.4	ug/L	76	2.1	SW846 8270C
Diethyl phthalate	ND	95.5	83.1	ug/L	87		SW846 8270C
	ND	93.8	81.2	ug/L	87	2.3	SW846 8270C
2,4-Dimethylphenol	ND	95.5	47.5	ug/L	50		SW846 8270C
	ND	93.8	44.9	ug/L	48	5.7	SW846 8270C
Dimethyl phthalate	ND	95.5	82.0	ug/L	86		SW846 8270C
	ND	93.8	79.8	ug/L	85	2.8	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	95.5	86.7	ug/L	91		SW846 8270C
	ND	93.8	87.0	ug/L	93	0.36	SW846 8270C
2,4-Dinitrophenol	ND	95.5	90.0	ug/L	94		SW846 8270C
	ND	93.8	92.6	ug/L	99	2.8	SW846 8270C
2,4-Dinitrotoluene	ND	95.5	86.7	ug/L	91		SW846 8270C
	ND	93.8	86.8	ug/L	93	0.19	SW846 8270C
2,6-Dinitrotoluene	ND	95.5	79.4	ug/L	83		SW846 8270C
	ND	93.8	77.1	ug/L	82	2.9	SW846 8270C
Di-n-octyl phthalate	ND	95.5	84.8	ug/L	89		SW846 8270C
	ND	93.8	83.0	ug/L	88	2.2	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G240162 **Work Order #...:** J3FV71CV-MS **Matrix.....:** WG
MS Lot-Sample #: D7G240162-012 J3FV71CW-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Fluoranthene	ND	95.5	84.3	ug/L	88		SW846 8270C
	ND	93.8	82.7	ug/L	88	2.0	SW846 8270C
Fluorene	ND	95.5	77.5	ug/L	81		SW846 8270C
	ND	93.8	75.5	ug/L	80	2.6	SW846 8270C
Hexachlorobenzene	ND	95.5	82.9	ug/L	87		SW846 8270C
	ND	93.8	80.5	ug/L	86	2.8	SW846 8270C
Hexachlorocyclopenta-diene	ND	95.5	15.3	ug/L	16		SW846 8270C
	ND	93.8	13.6	ug/L	14	12	SW846 8270C
Hexachloroethane	ND	95.5	56.3	ug/L	59		SW846 8270C
	ND	93.8	54.6	ug/L	58	3.0	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	95.5	76.9	ug/L	80		SW846 8270C
	ND	93.8	74.0	ug/L	79	3.8	SW846 8270C
2-Methylnaphthalene	ND	95.5	69.5	ug/L	73		SW846 8270C
	ND	93.8	68.6	ug/L	73	1.4	SW846 8270C
2-Methylphenol	ND	95.5	69.6	ug/L	73		SW846 8270C
	ND	93.8	67.4	ug/L	72	3.2	SW846 8270C
Naphthalene	ND	95.5	65.1	ug/L	68		SW846 8270C
	ND	93.8	63.1	ug/L	67	3.2	SW846 8270C
2-Nitroaniline	ND	95.5	75.4	ug/L	79		SW846 8270C
	ND	93.8	73.1	ug/L	78	3.1	SW846 8270C
Benzyl alcohol	ND	95.5	75.6	ug/L	79		SW846 8270C
	ND	93.8	72.7	ug/L	77	3.9	SW846 8270C
3-Nitroaniline	ND	95.5	62.4	ug/L	65		SW846 8270C
	ND	93.8	64.3	ug/L	69	2.9	SW846 8270C
4-Nitroaniline	ND	95.5	38.0	ug/L	40		SW846 8270C
	ND	93.8	43.2	ug/L	46	13	SW846 8270C
Nitrobenzene	ND	95.5	102	ug/L	107		SW846 8270C
	ND	93.8	97.3	ug/L	104	5.1	SW846 8270C
2-Nitrophenol	ND	95.5	73.2	ug/L	77		SW846 8270C
	ND	93.8	72.5	ug/L	77	0.88	SW846 8270C
4-Nitrophenol	ND	95.5	95.2	ug/L	100		SW846 8270C
	ND	93.8	97.3	ug/L	104	2.2	SW846 8270C
N-Nitrosodiphenylamine	ND	95.5	62.7	ug/L	66		SW846 8270C
	ND	93.8	60.7	ug/L	65	3.2	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	95.5	75.4	ug/L	79		SW846 8270C
	ND	93.8	72.4	ug/L	77	4.0	SW846 8270C
Pentachlorophenol	ND	95.5	89.1	ug/L	93		SW846 8270C
	ND	93.8	88.4	ug/L	94	0.88	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G240162 **Work Order #...:** J3FV71CV-MS **Matrix.....:** WG
MS Lot-Sample #: D7G240162-012 J3FV71CW-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Phenanthrene	ND	95.5	77.2	ug/L	81		SW846 8270C
	ND	93.8	75.9	ug/L	81	1.7	SW846 8270C
Benzoic acid	ND	95.5	92.0	ug/L	96		SW846 8270C
	ND	93.8	100	ug/L	107	8.5	SW846 8270C
Phenol	ND	95.5	71.9	ug/L	75		SW846 8270C
	ND	93.8	70.8	ug/L	76	1.5	SW846 8270C
Pyrene	ND	95.5	80.5	ug/L	84		SW846 8270C
	ND	93.8	77.5	ug/L	83	3.8	SW846 8270C
2,4,5-Trichloro-phenol	ND	95.5	83.7	ug/L	88		SW846 8270C
	ND	93.8	79.3	ug/L	84	5.4	SW846 8270C
2,4,6-Trichloro-phenol	ND	95.5	81.9	ug/L	86		SW846 8270C
	ND	93.8	78.5	ug/L	84	4.2	SW846 8270C
bis(2-Chloroisopropyl) ether	ND	95.5	63.5	ug/L	66		SW846 8270C
	ND	93.8	63.2	ug/L	67	0.39	SW846 8270C
4-Methylphenol	ND	95.5	68.9	ug/L	72		SW846 8270C
	ND	93.8	67.6	ug/L	72	2.0	SW846 8270C
Hexachlorobutadiene	ND	95.5	62.3	ug/L	65		SW846 8270C
	ND	93.8	61.0	ug/L	65	2.2	SW846 8270C
Carbazole	ND	95.5	77.8	ug/L	81		SW846 8270C
	ND	93.8	78.4	ug/L	84	0.82	SW846 8270C
Isophorone	ND	95.5	76.2	ug/L	80		SW846 8270C
	ND	93.8	75.2	ug/L	80	1.3	SW846 8270C
Pyridine	ND	95.5	60.0	ug/L	63		SW846 8270C
	ND	93.8	58.4	ug/L	62	2.7	SW846 8270C
3-Methylphenol & 4-Methylphenol	ND	95.5	68.9	ug/L	72		SW846 8270C
	ND	93.8	67.6	ug/L	72	2.0	SW846 8270C
N-Nitrosodimethylamine	ND	95.5	65.9	ug/L	69		SW846 8270C
	ND	93.8	65.4	ug/L	70	0.66	SW846 8270C
1,2-Dichlorobenzene	ND	95.5	72.4	ug/L	76		SW846 8270C
	ND	93.8	68.6	ug/L	73	5.4	SW846 8270C
1,4-Dichlorobenzene	ND	95.5	58.2	ug/L	61		SW846 8270C
	ND	93.8	56.2	ug/L	60	3.5	SW846 8270C
Aniline	ND	95.5	34.4	ug/L	36		SW846 8270C
	ND	93.8	34.7	ug/L	37	0.60	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G240162 **Work Order #...:** J3FV71CV-MS **Matrix.....:** WG
MS Lot-Sample #: D7G240162-012 J3FV71CW-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,2-Diphenylhydrazine (as Azobenzene)	**ND**	**95.5**	**80.1**	**ug/L**	**84**		**SW846 8270C**
	ND	**93.8**	**93.8**	**ug/L**	**100**	**16**	**SW846 8270C**
1-Methylnaphthalene	**ND**	**95.5**	**69.7**	**ug/L**	**73**		**SW846 8270C**
	ND	**93.8**	**67.3**	**ug/L**	**72**	**3.4**	**SW846 8270C**
1,4-Dioxane	**ND**	**95.5**	**60.0**	**ug/L**	**63**		**SW846 8270C**
	ND	**93.8**	**59.9**	**ug/L**	**64**	**0.14**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	72	(51 - 120)
	72	(51 - 120)
Phenol-d5	75	(51 - 120)
	74	(51 - 120)
Nitrobenzene-d5	74	(48 - 120)
	75	(48 - 120)
2-Fluorobiphenyl	79	(49 - 120)
	75	(49 - 120)
2,4,6-Tribromophenol	89	(57 - 120)
	88	(57 - 120)
Terphenyl-d14	86	(61 - 120)
	84	(61 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

p Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G240162
MS Lot-Sample #: D7G240162-024
Date Sampled...: 07/23/07 11:00
Prep Date.....: 07/26/07
Prep Batch #...: 7207139
Dilution Factor: 1

Work Order #...: J3FXQ1DM-MS
J3FXQ1DN-MSD
Date Received..: 07/24/07
Analysis Date..: 07/31/07
Analysis Time..: 14:54

Matrix.....: SO

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acenaphthene	64	(52 - 120)			SW846 8270C
	60	(52 - 120)	11	(0-30)	SW846 8270C
1,2,4-Trichloro-benzene	54	(50 - 120)			SW846 8270C
	48 a	(50 - 120)	16	(0-30)	SW846 8270C
Acenaphthylene	65	(53 - 120)			SW846 8270C
	61	(53 - 120)	10	(0-30)	SW846 8270C
1,3-Dichlorobenzene	49	(46 - 120)			SW846 8270C
	40 a	(46 - 120)	23	(0-32)	SW846 8270C
Anthracene	68	(57 - 120)			SW846 8270C
	65	(57 - 120)	7.7	(0-30)	SW846 8270C
Benzo(a)anthracene	67	(55 - 120)			SW846 8270C
	64	(55 - 120)	7.7	(0-30)	SW846 8270C
Benzo(b)fluoranthene	61	(52 - 120)			SW846 8270C
	64	(52 - 120)	1.6	(0-44)	SW846 8270C
Benzo(k)fluoranthene	76	(54 - 120)			SW846 8270C
	65	(54 - 120)	18	(0-30)	SW846 8270C
Benzo(ghi)perylene	64	(50 - 120)			SW846 8270C
	64	(50 - 120)	4.4	(0-31)	SW846 8270C
Benzo(a)pyrene	66	(54 - 120)			SW846 8270C
	64	(54 - 120)	6.8	(0-30)	SW846 8270C
bis(2-Chloroethoxy) methane	58	(49 - 120)			SW846 8270C
	53	(49 - 120)	11	(0-30)	SW846 8270C
bis(2-Chloroethyl)-ether	50	(48 - 120)			SW846 8270C
	42 a	(48 - 120)	20	(0-30)	SW846 8270C
bis(2-Ethylhexyl) phthalate	69	(51 - 120)			SW846 8270C
	66	(51 - 120)	7.6	(0-30)	SW846 8270C
4-Bromophenyl phenyl ether	69	(53 - 120)			SW846 8270C
	67	(53 - 120)	6.9	(0-30)	SW846 8270C
Butyl benzyl phthalate	72	(49 - 120)			SW846 8270C
	70	(49 - 120)	6.0	(0-30)	SW846 8270C

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G240162 **Work Order #...:** J3FXQ1DM-MS **Matrix.....:** SO
MS Lot-Sample #: D7G240162-024 J3FXQ1DN-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
4-Chloroaniline	52	(28 - 120)			SW846 8270C
	48	(28 - 120)	12	(0-30)	SW846 8270C
4-Chloro-3-methylphenol	67	(57 - 120)			SW846 8270C
	64	(57 - 120)	8.0	(0-30)	SW846 8270C
2-Chloronaphthalene	64	(53 - 120)			SW846 8270C
	59	(53 - 120)	12	(0-30)	SW846 8270C
2-Chlorophenol	55	(53 - 120)			SW846 8270C
	47 a	(53 - 120)	19	(0-30)	SW846 8270C
4-Chlorophenyl phenyl ether	68	(55 - 120)			SW846 8270C
	63	(55 - 120)	10	(0-30)	SW846 8270C
Chrysene	66	(55 - 120)			SW846 8270C
	64	(55 - 120)	5.0	(0-35)	SW846 8270C
Dibenz(a,h)anthracene	65	(55 - 120)			SW846 8270C
	64	(55 - 120)	4.2	(0-30)	SW846 8270C
Dibenzofuran	67	(56 - 120)			SW846 8270C
	63	(56 - 120)	9.3	(0-30)	SW846 8270C
Di-n-butyl phthalate	72	(57 - 120)			SW846 8270C
	68	(57 - 120)	8.6	(0-30)	SW846 8270C
3,3'-Dichlorobenzidine	63	(34 - 120)			SW846 8270C
	62	(34 - 120)	4.9	(0-30)	SW846 8270C
2,4-Dichlorophenol	65	(53 - 120)			SW846 8270C
	59	(53 - 120)	12	(0-30)	SW846 8270C
Diethyl phthalate	69	(57 - 120)			SW846 8270C
	65	(57 - 120)	10	(0-30)	SW846 8270C
2,4-Dimethylphenol	57	(53 - 120)			SW846 8270C
	55	(53 - 120)	7.2	(0-30)	SW846 8270C
Dimethyl phthalate	69	(57 - 120)			SW846 8270C
	65	(57 - 120)	9.3	(0-30)	SW846 8270C
4,6-Dinitro-2-methylphenol	63	(30 - 120)			SW846 8270C
	51	(30 - 120)	24	(0-30)	SW846 8270C
2,4-Dinitrophenol	47	(15 - 120)			SW846 8270C
	26 p	(15 - 120)	60	(0-34)	SW846 8270C
2,4-Dinitrotoluene	72	(53 - 120)			SW846 8270C
	68	(53 - 120)	8.8	(0-30)	SW846 8270C
2,6-Dinitrotoluene	65	(53 - 120)			SW846 8270C
	62	(53 - 120)	8.2	(0-30)	SW846 8270C
Di-n-octyl phthalate	70	(54 - 120)			SW846 8270C
	68	(54 - 120)	6.2	(0-30)	SW846 8270C

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G240162 **Work Order #...:** J3FXQ1DM-MS **Matrix.....:** SO
MS Lot-Sample #: D7G240162-024 J3FXQ1DN-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Fluoranthene	72	(55 - 120)			SW846 8270C
	69	(55 - 120)	7.2	(0-30)	SW846 8270C
Fluorene	66	(55 - 120)			SW846 8270C
	62	(55 - 120)	9.8	(0-30)	SW846 8270C
Hexachlorobenzene	70	(51 - 120)			SW846 8270C
	67	(51 - 120)	7.8	(0-30)	SW846 8270C
Hexachlorocyclopenta-diene	61	(35 - 120)			SW846 8270C
	52	(35 - 120)	20	(0-30)	SW846 8270C
Hexachloroethane	50	(46 - 120)			SW846 8270C
	40 a	(46 - 120)	25	(0-30)	SW846 8270C
Indeno(1,2,3-cd)pyrene	62	(54 - 120)			SW846 8270C
	62	(54 - 120)	4.7	(0-30)	SW846 8270C
2-Methylnaphthalene	59	(55 - 120)			SW846 8270C
	54 a	(55 - 120)	12	(0-30)	SW846 8270C
2-Methylphenol	60	(51 - 120)			SW846 8270C
	54	(51 - 120)	13	(0-30)	SW846 8270C
Naphthalene	55	(50 - 120)			SW846 8270C
	48 a	(50 - 120)	19	(0-30)	SW846 8270C
2-Nitroaniline	67	(50 - 120)			SW846 8270C
	65	(50 - 120)	6.4	(0-30)	SW846 8270C
Benzyl alcohol	59	(52 - 120)			SW846 8270C
	53	(52 - 120)	13	(0-30)	SW846 8270C
3-Nitroaniline	63	(35 - 120)			SW846 8270C
	62	(35 - 120)	5.2	(0-30)	SW846 8270C
4-Nitroaniline	71	(44 - 120)			SW846 8270C
	67	(44 - 120)	8.9	(0-30)	SW846 8270C
Nitrobenzene	55	(49 - 120)			SW846 8270C
	47 a	(49 - 120)	19	(0-30)	SW846 8270C
2-Nitrophenol	58	(53 - 120)			SW846 8270C
	51 a	(53 - 120)	17	(0-30)	SW846 8270C
4-Nitrophenol	70	(41 - 120)			SW846 8270C
	65	(41 - 120)	10	(0-30)	SW846 8270C
N-Nitrosodiphenylamine	57	(55 - 120)			SW846 8270C
	53 a	(55 - 120)	10	(0-36)	SW846 8270C
N-Nitrosodi-n-propyl-amine	60	(51 - 120)			SW846 8270C
	54	(51 - 120)	14	(0-30)	SW846 8270C
Pentachlorophenol	65	(30 - 120)			SW846 8270C
	60	(30 - 120)	12	(0-30)	SW846 8270C

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G240162 **Work Order #...:** J3FXQ1DM-MS **Matrix.....:** SO
MS Lot-Sample #: D7G240162-024 J3FXQ1DN-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Phenanthrene	67	(58 - 120)			SW846 8270C
	64	(58 - 120)	8.0	(0-30)	SW846 8270C
Benzoic acid	62	(10 - 120)			SW846 8270C
	47	(10 - 120)	30	(0-32)	SW846 8270C
Phenol	58	(54 - 120)			SW846 8270C
	52 a	(54 - 120)	14	(0-30)	SW846 8270C
Pyrene	67	(50 - 120)			SW846 8270C
	65	(50 - 120)	6.3	(0-38)	SW846 8270C
2,4,5-Trichloro-phenol	67	(56 - 120)			SW846 8270C
	63	(56 - 120)	9.0	(0-30)	SW846 8270C
2,4,6-Trichloro-phenol	66	(50 - 120)			SW846 8270C
	62	(50 - 120)	10	(0-30)	SW846 8270C
bis(2-Chloroisopropyl) ether	47	(47 - 120)			SW846 8270C
	40 a	(47 - 120)	21	(0-30)	SW846 8270C
4-Methylphenol	60	(53 - 120)			SW846 8270C
	57	(53 - 120)	9.0	(0-30)	SW846 8270C
Hexachlorobutadiene	55	(48 - 120)			SW846 8270C
	46 a	(48 - 120)	21	(0-30)	SW846 8270C
Carbazole	68	(54 - 120)			SW846 8270C
	66	(54 - 120)	6.5	(0-30)	SW846 8270C
Isophorone	62	(46 - 120)			SW846 8270C
	57	(46 - 120)	12	(0-30)	SW846 8270C
Pyridine	41	(23 - 120)			SW846 8270C
	33	(23 - 120)	25	(0-30)	SW846 8270C
3-Methylphenol & 4-Methylphenol	60	(53 - 120)			SW846 8270C
	57	(53 - 120)	9.0	(0-30)	SW846 8270C
N-Nitrosodimethylamine	49	(41 - 120)			SW846 8270C
	39 a	(41 - 120)	26	(0-30)	SW846 8270C
1,2-Dichlorobenzene	52	(48 - 120)			SW846 8270C
	42 a	(48 - 120)	24	(0-30)	SW846 8270C
1,4-Dichlorobenzene	49	(46 - 120)			SW846 8270C
	40 a	(46 - 120)	23	(0-30)	SW846 8270C
Aniline	29	(17 - 120)			SW846 8270C
	24	(17 - 120)	20	(0-30)	SW846 8270C

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G240162 **Work Order #...:** J3FXQ1DM-MS **Matrix.....:** SO
MS Lot-Sample #: D7G240162-024 J3FXQ1DN-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2-Diphenylhydrazine (as Azobenzene)	**68**	**(54 - 120)**			**SW846 8270C**
	63	**(54 - 120)**	**9.9**	**(0-30)**	**SW846 8270C**
1-Methylnaphthalene	**59**	**(52 - 120)**			**SW846 8270C**
	54	**(52 - 120)**	**11**	**(0-30)**	**SW846 8270C**
1,4-Dioxane	**30**	**(21 - 120)**			**SW846 8270C**
	24	**(21 - 120)**	**23**	**(0-30)**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	57	(53 - 120)
	48 *	(53 - 120)
Phenol-d5	59	(52 - 120)
	52	(52 - 120)
Nitrobenzene-d5	55	(50 - 120)
	47 *	(50 - 120)
2-Fluorobiphenyl	63	(50 - 120)
	58	(50 - 120)
2,4,6-Tribromophenol	68	(51 - 120)
	65	(51 - 120)
Terphenyl-d14	70	(55 - 120)
	67	(55 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

a Spiked analyte recovery is outside stated control limits.

* Surrogate recovery is outside stated control limits.

p Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G240162
MS Lot-Sample #: D7G240162-024
Date Sampled...: 07/23/07 11:00
Prep Date.....: 07/26/07
Prep Batch #...: 7207139
Dilution Factor: 1

Work Order #...: J3FXQ1DM-MS
J3FXQ1DN-MSD
Date Received..: 07/24/07
Analysis Date..: 07/31/07
Analysis Time..: 14:54

Matrix.....: SO

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Acenaphthene	ND	4260	2750	ug/kg	64		SW846 8270C
	ND	4120	2470	ug/kg	60	11	SW846 8270C
1,2,4-Trichloro-benzene	ND	4260	2300	ug/kg	54		SW846 8270C
	ND	4120	1970	ug/kg	48 a	16	SW846 8270C
Acenaphthylene	ND	4260	2780	ug/kg	65		SW846 8270C
	ND	4120	2510	ug/kg	61	10	SW846 8270C
1,3-Dichlorobenzene	ND	4260	2080	ug/kg	49		SW846 8270C
	ND	4120	1650	ug/kg	40 a	23	SW846 8270C
Anthracene	ND	4260	2910	ug/kg	68		SW846 8270C
	ND	4120	2690	ug/kg	65	7.7	SW846 8270C
Benzo(a)anthracene	ND	4260	2840	ug/kg	67		SW846 8270C
	ND	4120	2630	ug/kg	64	7.7	SW846 8270C
Benzo(b)fluoranthene	ND	4260	2600	ug/kg	61		SW846 8270C
	ND	4120	2650	ug/kg	64	1.6	SW846 8270C
Benzo(k)fluoranthene	ND	4260	3240	ug/kg	76		SW846 8270C
	ND	4120	2700	ug/kg	65	18	SW846 8270C
Benzo(ghi)perylene	ND	4260	2740	ug/kg	64		SW846 8270C
	ND	4120	2620	ug/kg	64	4.4	SW846 8270C
Benzo(a)pyrene	ND	4260	2810	ug/kg	66		SW846 8270C
	ND	4120	2630	ug/kg	64	6.8	SW846 8270C
bis(2-Chloroethoxy) methane	ND	4260	2460	ug/kg	58		SW846 8270C
	ND	4120	2200	ug/kg	53	11	SW846 8270C
bis(2-Chloroethyl)-ether	ND	4260	2150	ug/kg	50		SW846 8270C
	ND	4120	1750	ug/kg	42 a	20	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	4260	2960	ug/kg	69		SW846 8270C
	ND	4120	2740	ug/kg	66	7.6	SW846 8270C
4-Bromophenyl phenyl ether	ND	4260	2940	ug/kg	69		SW846 8270C
	ND	4120	2740	ug/kg	67	6.9	SW846 8270C
Butyl benzyl phthalate	ND	4260	3050	ug/kg	72		SW846 8270C
	ND	4120	2870	ug/kg	70	6.0	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G240162 **Work Order #...:** J3FXQ1DM-MS **Matrix.....:** SO
MS Lot-Sample #: D7G240162-024 J3FXQ1DN-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
4-Chloroaniline	ND	4260	2230	ug/kg	52		SW846 8270C
	ND	4120	1980	ug/kg	48	12	SW846 8270C
4-Chloro-3-methylphenol	ND	4260	2840	ug/kg	67		SW846 8270C
	ND	4120	2620	ug/kg	64	8.0	SW846 8270C
2-Chloronaphthalene	ND	4260	2720	ug/kg	64		SW846 8270C
	ND	4120	2430	ug/kg	59	12	SW846 8270C
2-Chlorophenol	ND	4260	2350	ug/kg	55		SW846 8270C
	ND	4120	1930	ug/kg	47 a	19	SW846 8270C
4-Chlorophenyl phenyl ether	ND	4260	2900	ug/kg	68		SW846 8270C
	ND	4120	2610	ug/kg	63	10	SW846 8270C
Chrysene	ND	4260	2790	ug/kg	66		SW846 8270C
	ND	4120	2660	ug/kg	64	5.0	SW846 8270C
Dibenz(a,h)anthracene	ND	4260	2750	ug/kg	65		SW846 8270C
	ND	4120	2640	ug/kg	64	4.2	SW846 8270C
Dibenzofuran	ND	4260	2860	ug/kg	67		SW846 8270C
	ND	4120	2610	ug/kg	63	9.3	SW846 8270C
Di-n-butyl phthalate	ND	4260	3050	ug/kg	72		SW846 8270C
	ND	4120	2800	ug/kg	68	8.6	SW846 8270C
3,3'-Dichlorobenzidine	ND	4260	2700	ug/kg	63		SW846 8270C
	ND	4120	2570	ug/kg	62	4.9	SW846 8270C
2,4-Dichlorophenol	ND	4260	2750	ug/kg	65		SW846 8270C
	ND	4120	2440	ug/kg	59	12	SW846 8270C
Diethyl phthalate	ND	4260	2940	ug/kg	69		SW846 8270C
	ND	4120	2660	ug/kg	65	10	SW846 8270C
2,4-Dimethylphenol	ND	4260	2420	ug/kg	57		SW846 8270C
	ND	4120	2250	ug/kg	55	7.2	SW846 8270C
Dimethyl phthalate	ND	4260	2920	ug/kg	69		SW846 8270C
	ND	4120	2660	ug/kg	65	9.3	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	4260	2680	ug/kg	63		SW846 8270C
	ND	4120	2110	ug/kg	51	24	SW846 8270C
2,4-Dinitrophenol	ND	4260	2010	ug/kg	47		SW846 8270C
	ND	4120	1080	ug/kg	26 p	60	SW846 8270C
2,4-Dinitrotoluene	ND	4260	3070	ug/kg	72		SW846 8270C
	ND	4120	2810	ug/kg	68	8.8	SW846 8270C
2,6-Dinitrotoluene	ND	4260	2760	ug/kg	65		SW846 8270C
	ND	4120	2540	ug/kg	62	8.2	SW846 8270C
Di-n-octyl phthalate	ND	4260	3000	ug/kg	70		SW846 8270C
	ND	4120	2820	ug/kg	68	6.2	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G240162 **Work Order #...:** J3FXQ1DM-MS **Matrix.....:** SO
MS Lot-Sample #: D7G240162-024 J3FXQ1DN-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Fluoranthene	ND	4260	3050	ug/kg	72		SW846 8270C
	ND	4120	2840	ug/kg	69	7.2	SW846 8270C
Fluorene	ND	4260	2830	ug/kg	66		SW846 8270C
	ND	4120	2560	ug/kg	62	9.8	SW846 8270C
Hexachlorobenzene	ND	4260	2970	ug/kg	70		SW846 8270C
	ND	4120	2740	ug/kg	67	7.8	SW846 8270C
Hexachlorocyclopenta-diene	ND	4260	2600	ug/kg	61		SW846 8270C
	ND	4120	2120	ug/kg	52	20	SW846 8270C
Hexachloroethane	ND	4260	2110	ug/kg	50		SW846 8270C
	ND	4120	1640	ug/kg	40 a	25	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	4260	2660	ug/kg	62		SW846 8270C
	ND	4120	2540	ug/kg	62	4.7	SW846 8270C
2-Methylnaphthalene	ND	4260	2530	ug/kg	59		SW846 8270C
	ND	4120	2240	ug/kg	54 a	12	SW846 8270C
2-Methylphenol	ND	4260	2550	ug/kg	60		SW846 8270C
	ND	4120	2230	ug/kg	54	13	SW846 8270C
Naphthalene	ND	4260	2360	ug/kg	55		SW846 8270C
	ND	4120	1960	ug/kg	48 a	19	SW846 8270C
2-Nitroaniline	ND	4260	2860	ug/kg	67		SW846 8270C
	ND	4120	2680	ug/kg	65	6.4	SW846 8270C
Benzyl alcohol	ND	4260	2510	ug/kg	59		SW846 8270C
	ND	4120	2190	ug/kg	53	13	SW846 8270C
3-Nitroaniline	ND	4260	2670	ug/kg	63		SW846 8270C
	ND	4120	2540	ug/kg	62	5.2	SW846 8270C
4-Nitroaniline	ND	4260	3040	ug/kg	71		SW846 8270C
	ND	4120	2780	ug/kg	67	8.9	SW846 8270C
Nitrobenzene	ND	4260	2350	ug/kg	55		SW846 8270C
	ND	4120	1930	ug/kg	47 a	19	SW846 8270C
2-Nitrophenol	ND	4260	2480	ug/kg	58		SW846 8270C
	ND	4120	2090	ug/kg	51 a	17	SW846 8270C
4-Nitrophenol	ND	4260	2970	ug/kg	70		SW846 8270C
	ND	4120	2680	ug/kg	65	10	SW846 8270C
N-Nitrosodiphenylamine	ND	4260	2420	ug/kg	57		SW846 8270C
	ND	4120	2190	ug/kg	53 a	10	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	4260	2550	ug/kg	60		SW846 8270C
	ND	4120	2220	ug/kg	54	14	SW846 8270C
Pentachlorophenol	ND	4260	2780	ug/kg	65		SW846 8270C
	ND	4120	2470	ug/kg	60	12	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G240162 **Work Order #...:** J3FXQ1DM-MS **Matrix.....:** SO
MS Lot-Sample #: D7G240162-024 J3FXQ1DN-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Phenanthrene	ND	4260	2860	ug/kg	67		SW846 8270C
	ND	4120	2640	ug/kg	64	8.0	SW846 8270C
Benzoic acid	ND	4260	2630	ug/kg	62		SW846 8270C
	ND	4120	1940	ug/kg	47	30	SW846 8270C
Phenol	ND	4260	2460	ug/kg	58		SW846 8270C
	ND	4120	2130	ug/kg	52 a	14	SW846 8270C
Pyrene	ND	4260	2870	ug/kg	67		SW846 8270C
	ND	4120	2690	ug/kg	65	6.3	SW846 8270C
2,4,5-Trichloro-phenol	ND	4260	2860	ug/kg	67		SW846 8270C
	ND	4120	2610	ug/kg	63	9.0	SW846 8270C
2,4,6-Trichloro-phenol	ND	4260	2830	ug/kg	66		SW846 8270C
	ND	4120	2550	ug/kg	62	10	SW846 8270C
bis(2-Chloroisopropyl) ether	ND	4260	2020	ug/kg	47		SW846 8270C
	ND	4120	1630	ug/kg	40 a	21	SW846 8270C
4-Methylphenol	ND	4260	2560	ug/kg	60		SW846 8270C
	ND	4120	2340	ug/kg	57	9.0	SW846 8270C
Hexachlorobutadiene	ND	4260	2350	ug/kg	55		SW846 8270C
	ND	4120	1910	ug/kg	46 a	21	SW846 8270C
Carbazole	ND	4260	2910	ug/kg	68		SW846 8270C
	ND	4120	2720	ug/kg	66	6.5	SW846 8270C
Isophorone	ND	4260	2640	ug/kg	62		SW846 8270C
	ND	4120	2350	ug/kg	57	12	SW846 8270C
Pyridine	ND	4260	1740	ug/kg	41		SW846 8270C
	ND	4120	1350	ug/kg	33	25	SW846 8270C
3-Methylphenol & 4-Methylphenol	ND	4260	2560	ug/kg	60		SW846 8270C
	ND	4120	2340	ug/kg	57	9.0	SW846 8270C
N-Nitrosodimethylamine	ND	4260	2080	ug/kg	49		SW846 8270C
	ND	4120	1600	ug/kg	39 a	26	SW846 8270C
1,2-Dichlorobenzene	ND	4260	2210	ug/kg	52		SW846 8270C
	ND	4120	1730	ug/kg	42 a	24	SW846 8270C
1,4-Dichlorobenzene	ND	4260	2100	ug/kg	49		SW846 8270C
	ND	4120	1670	ug/kg	40 a	23	SW846 8270C
Aniline	ND	4260	1240	ug/kg	29		SW846 8270C
	ND	4120	1010	ug/kg	24	20	SW846 8270C

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G240162 **Work Order #...:** J3FXQ1DM-MS J3FXQ1DN-MSD **Matrix.....:** SO
MS Lot-Sample #: D7G240162-024

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,2-Diphenylhydrazine (as Azobenzene)	**ND**	**4260**	**2880**	**ug/kg**	**68**		**SW846 8270C**
	ND	**4120**	**2610**	**ug/kg**	**63**	**9.9**	**SW846 8270C**
1-Methylnaphthalene	**ND**	**4260**	**2510**	**ug/kg**	**59**		**SW846 8270C**
	ND	**4120**	**2250**	**ug/kg**	**54**	**11**	**SW846 8270C**
1,4-Dioxane	**ND**	**4260**	**1270**	**ug/kg**	**30**		**SW846 8270C**
	ND	**4120**	**1010**	**ug/kg**	**24**	**23**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	57	(53 - 120)
	48 *	(53 - 120)
Phenol-d5	59	(52 - 120)
	52	(52 - 120)
Nitrobenzene-d5	55	(50 - 120)
	47 *	(50 - 120)
2-Fluorobiphenyl	63	(50 - 120)
	58	(50 - 120)
2,4,6-Tribromophenol	68	(51 - 120)
	65	(51 - 120)
Terphenyl-d14	70	(55 - 120)
	67	(55 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

a Spiked analyte recovery is outside stated control limits.

* Surrogate recovery is outside stated control limits.

p Relative percent difference (RPD) is outside stated control limits.

METHOD BLANK REPORT

GC Volatiles

Client Lot #...: D7G240162
MB Lot-Sample #: D7G280000-105

Work Order #...: J3RNK1AA

Matrix.....: WATER

Analysis Date..: 07/25/07
Dilution Factor: 1

Prep Date.....: 07/25/07
Prep Batch #...: 7209105

Analysis Time..: 11:17

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Gasoline Range Organics	ND	25	ug/L	SW846 8015B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	101	(82 - 110)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC Volatiles

Client Lot #...: D7G240162 **Work Order #...:** J348F1AA **Matrix.....:** SOLID
MB Lot-Sample #: D7H020000-542

Prep Date.....: 07/27/07 **Analysis Time..:** 12:09
Analysis Date..: 07/31/07 **Prep Batch #...:** 7214542
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Gasoline Range Organics	ND	1.2	mg/kg	SW846 8015B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	98	(77 - 123)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...: D7G240162 **Work Order #...:** J3RNK1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: D7G280000-105 J3RNK1AD-LCSD
Prep Date.....: 07/25/07 **Analysis Date..:** 07/25/07
Prep Batch #...: 7209105 **Analysis Time..:** 10:14
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Gasoline Range Organics	**102**	**(79 - 149)**			**SW846 8015B**
	103	**(79 - 149)**	**0.94**	**(0-27)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	107	(82 - 110)
	105	(82 - 110)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Volatiles

Client Lot #...: D7G240162
LCS Lot-Sample#: D7G280000-105
Prep Date.....: 07/25/07
Prep Batch #...: 7209105
Dilution Factor: 1

Work Order #...: J3RNK1AC-LCS
J3RNK1AD-LCSD
Analysis Date..: 07/25/07
Analysis Time..: 10:14

Matrix.....: WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Gasoline Range Organics	**100**	**102**	**ug/L**	**102**		**SW846 8015B**
	100	**103**	**ug/L**	**103**	**0.94**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	107	(82 - 110)
	105	(82 - 110)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...: D7G240162
LCS Lot-Sample#: D7H020000-542
Prep Date.....: 07/27/07
Prep Batch #...: 7214542
Dilution Factor: 1

Work Order #...: J348F1AC-LCS
J348F1AD-LCSD
Analysis Date..: 07/31/07
Analysis Time..: 10:46

Matrix.....: SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Gasoline Range Organics	**106**	**(85 - 153)**			**SW846 8015B**
	114	**(85 - 153)**	**7.6**	**(0-30)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	98	(77 - 123)
	99	(77 - 123)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Volatiles

Client Lot #...: D7G240162 **Work Order #...:** J348F1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: D7H020000-542 J348F1AD-LCSD
Prep Date.....: 07/27/07 **Analysis Date..:** 07/31/07
Prep Batch #...: 7214542 **Analysis Time..:** 10:46
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Gasoline Range Organics	**5.47**	**5.80**	**mg/kg**	**106**		**SW846 8015B**
	5.47	**6.26**	**mg/kg**	**114**	**7.6**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	98	(77 - 123)
	99	(77 - 123)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...: D7G240162 **Work Order #...:** J3FW91A9-MS **Matrix.....:** WG
MS Lot-Sample #: D7G240162-022 J3FW91CA-MSD
Date Sampled...: 07/23/07 08:00 **Date Received..:** 07/24/07
Prep Date.....: 07/25/07 **Analysis Date..:** 07/25/07
Prep Batch #...: 7209105 **Analysis Time..:** 13:14
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Gasoline Range Organics	**109**	**(79 - 149)**			**SW846 8015B**
	99	**(79 - 149)**	**10**	**(0-27)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	99	(82 - 110)
	91	(82 - 110)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC Volatiles

Client Lot #...: D7G240162
MS Lot-Sample #: D7G240162-022
Date Sampled...: 07/23/07 08:00
Prep Date.....: 07/25/07
Prep Batch #...: 7209105
Dilution Factor: 1

Work Order #...: J3FW91A9-MS
J3FW91CA-MSD
Date Received..: 07/24/07
Analysis Date..: 07/25/07
Analysis Time..: 13:14

Matrix.....: WG

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Gasoline Range Organics	**ND**	**100**	**109**	**ug/L**	**109**		**SW846 8015B**
	ND	**100**	**99.0**	**ug/L**	**99**	**10**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	99	(82 - 110)
	91	(82 - 110)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...: D7G240162 **Work Order #...:** J3C191DD-MS **Matrix.....:** SOLID
MS Lot-Sample #: D7G210163-023 J3C191DE-MSD
Date Sampled...: 07/20/07 12:00 **Date Received..:** 07/21/07
Prep Date.....: 07/27/07 **Analysis Date..:** 07/31/07
Prep Batch #...: 7214542 **Analysis Time..:** 19:32
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Gasoline Range Organics	**96**	**(85 - 153)**			**SW846 8015B**
	88	**(85 - 153)**	**8.0**	**(0-30)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	89	(77 - 123)
	83	(77 - 123)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

GC Volatiles

Client Lot #...: D7G240162 **Work Order #...:** J3C191DD-MS **Matrix.....:** SOLID
MS Lot-Sample #: D7G210163-023 J3C191DE-MSD
Date Sampled...: 07/20/07 12:00 **Date Received..:** 07/21/07
Prep Date.....: 07/27/07 **Analysis Date..:** 07/31/07
Prep Batch #...: 7214542 **Analysis Time..:** 19:32
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Gasoline Range Organics	**0.44**	**7.05**	**7.21**	**mg/kg**	**96**		**SW846 8015B**
	0.44	**7.05**	**6.66**	**mg/kg**	**88**	**8.0**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	89	(77 - 123)
	83	(77 - 123)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...: D7G240162 **Work Order #...:** J3FXQ1DD-MS **Matrix.....:** SO
MS Lot-Sample #: D7G240162-024 J3FXQ1DE-MSD
Date Sampled...: 07/23/07 11:00 **Date Received..:** 07/24/07
Prep Date.....: 07/27/07 **Analysis Date..:** 08/01/07
Prep Batch #...: 7214542 **Analysis Time..:** 01:02
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Gasoline Range Organics	**93**	**(85 - 153)**			**SW846 8015B**
	90	**(85 - 153)**	**3.9**	**(0-30)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	82	(77 - 123)
	83	(77 - 123)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

GC Volatiles

Client Lot #...: D7G240162 **Work Order #...:** J3FXQ1DD-MS **Matrix.....:** SO
MS Lot-Sample #: D7G240162-024 J3FXQ1DE-MSD
Date Sampled...: 07/23/07 11:00 **Date Received..:** 07/24/07
Prep Date.....: 07/27/07 **Analysis Date..:** 08/01/07
Prep Batch #...: 7214542 **Analysis Time..:** 01:02
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Gasoline Range Organics	**ND**	**7.07**	**6.58**	**mg/kg**	**93**		**SW846 8015B**
	ND	**7.07**	**6.33**	**mg/kg**	**90**	**3.9**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	82	(77 - 123)
	83	(77 - 123)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: D7G240162
MB Lot-Sample #: D7G240000-520

Work Order #...: J3G361AA

Matrix.....: SOLID

Prep Date.....: 07/25/07
Prep Batch #...: 7205520

Analysis Date..: 07/28/07
Dilution Factor: 1

Analysis Time..: 16:46

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Diesel Range Organics (C1	**1.8 J**	**4.0**	**mg/kg**	**SW846 8015B**
Motor Oil Range Organics	ND	4.0	mg/kg	SW846 8015B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	82	(45 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: D7G240162
MB Lot-Sample #: D7G250000-582
Work Order #...: J3KDC1AA
Matrix.....: WATER
Prep Date.....: 07/25/07
Analysis Time..: 23:05
Analysis Date..: 07/30/07
Prep Batch #...: 7206582
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Diesel Range Organics (C1	**0.050 J**	**0.25**	**mg/L**	**SW846 8015B**
Motor Oil Range Organics	ND	0.25	mg/L	SW846 8015B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	81	(48 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

J Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: D7G240162 **Work Order #...:** J3G361AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7G240000-520
Prep Date.....: 07/25/07 **Analysis Date..:** 07/28/07
Prep Batch #...: 7205520 **Analysis Time..:** 17:23
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Diesel Range Organics	**81**	**(56 - 115)**	**SW846 8015B**
Diesel Range Organics (C10-C28)	**81**	**(53 - 115)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	74	(49 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: D7G240162 **Work Order #...:** J3G361AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7G240000-520
Prep Date.....: 07/25/07 **Analysis Date..:** 07/28/07
Prep Batch #...: 7205520 **Analysis Time..:** 17:23
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Diesel Range Organics	**66.4**	**53.6**	**mg/kg**	**81**	**SW846 8015B**
Diesel Range Organics (C10-C28)	**66.4**	**53.6**	**mg/kg**	**81**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	74	(49 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: D7G240162 **Work Order #...:** J3KDC1AC **Matrix.....:** WATER
LCS Lot-Sample#: D7G250000-582
Prep Date.....: 07/25/07 **Analysis Date..:** 07/30/07
Prep Batch #...: 7206582 **Analysis Time..:** 23:42
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
TPH C10 - C36	**81**	**(57 - 115)**	**SW846 8015B**
Diesel Range Organics (C10-C28)	**81**	**(54 - 115)**	**SW846 8015B**
Petroleum Hydrocarbons, Total (C10 - C28)	**81**	**(57 - 115)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	76	(50 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: D7G240162 **Work Order #...:** J3KDC1AC **Matrix.....:** WATER
LCS Lot-Sample#: D7G250000-582
Prep Date.....: 07/25/07 **Analysis Date..:** 07/30/07
Prep Batch #...: 7206582 **Analysis Time..:** 23:42
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
TPH C10 - C36	**2.00**	**1.62**	**mg/L**	**81**	**SW846 8015B**
Diesel Range Organics (C10-C28)	**2.00**	**1.62**	**mg/L**	**81**	**SW846 8015B**
Petroleum Hydrocarbons, Total (C10 - C28)	**2.00**	**1.62**	**mg/L**	**81**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	76	(50 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: D7G240162 **Work Order #...:** J3FXQ1DF-MS **Matrix.....:** SO
MS Lot-Sample #: D7G240162-024 J3FXQ1DG-MSD
Date Sampled...: 07/23/07 11:00 **Date Received..:** 07/24/07
Prep Date.....: 07/25/07 **Analysis Date..:** 07/28/07
Prep Batch #...: 7205520 **Analysis Time..:** 21:08
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Diesel Range Organics (C10-C28)	**71**	**(56 - 115)**			**SW846 8015B**
	69	**(56 - 115)**	**3.4**	**(0-23)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	66	(45 - 115)
	63	(45 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: D7G240162 **Work Order #...:** J3FXQ1DF-MS **Matrix.....:** SO
MS Lot-Sample #: D7G240162-024 J3FXQ1DG-MSD
Date Sampled...: 07/23/07 11:00 **Date Received..:** 07/24/07
Prep Date.....: 07/25/07 **Analysis Date..:** 07/28/07
Prep Batch #...: 7205520 **Analysis Time..:** 21:08
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Diesel Range Organics (C10-C28)	**2.2**	**86.6**	**63.7**	**mg/kg**	**71**		**SW846 8015B**
	2.2	**85.8**	**61.6**	**mg/kg**	**69**	**3.4**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	66	(45 - 115)
	63	(45 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D7G240162 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: D7G260000-206 **Prep Batch #...:** 7207378						
Mercury	ND	33	ug/kg	SW846 7471A	08/02-08/03/07	J3K6J1AA
		Dilution Factor: 1				
		Analysis Time..: 15:09				
MB Lot-Sample #: D7G270000-407 **Prep Batch #...:** 7208407						
Aluminum	ND	10	mg/kg	SW846 6010B	08/02/07	J3QN71AC
		Dilution Factor: 1				
		Analysis Time..: 18:30				
Antimony	ND	1.5	mg/kg	SW846 6010B	08/02/07	J3QN71AV
		Dilution Factor: 1				
		Analysis Time..: 18:30				
Arsenic	ND	2.0	mg/kg	SW846 6010B	08/02/07	J3QN71AD
		Dilution Factor: 1				
		Analysis Time..: 18:30				
Barium	ND	1.0	mg/kg	SW846 6010B	08/02/07	J3QN71AE
		Dilution Factor: 1				
		Analysis Time..: 18:30				
Beryllium	ND	0.50	mg/kg	SW846 6010B	08/02/07	J3QN71AF
		Dilution Factor: 1				
		Analysis Time..: 18:30				
Cadmium	ND	0.50	mg/kg	SW846 6010B	08/02/07	J3QN71AH
		Dilution Factor: 1				
		Analysis Time..: 18:30				
Calcium	ND	50	mg/kg	SW846 6010B	08/02/07	J3QN71AG
		Dilution Factor: 1				
		Analysis Time..: 18:30				
Chromium	ND	1.5	mg/kg	SW846 6010B	08/02/07	J3QN71AK
		Dilution Factor: 1				
		Analysis Time..: 18:30				
Cobalt	ND	1.0	mg/kg	SW846 6010B	08/02/07	J3QN71AJ
		Dilution Factor: 1				
		Analysis Time..: 18:30				

(Continued on next page)

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D7G240162

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Copper	ND	2.0	mg/kg	SW846 6010B	08/02/07	J3QN71AL
		Dilution Factor: 1				
		Analysis Time..: 18:30				
Iron	ND	15	mg/kg	SW846 6010B	08/02/07	J3QN71AM
		Dilution Factor: 1				
		Analysis Time..: 18:30				
Lead	ND	0.80	mg/kg	SW846 6010B	08/02/07	J3QN71AU
		Dilution Factor: 1				
		Analysis Time..: 18:30				
Magnesium	ND	20	mg/kg	SW846 6010B	08/02/07	J3QN71AP
		Dilution Factor: 1				
		Analysis Time..: 18:30				
Manganese	ND	1.0	mg/kg	SW846 6010B	08/02/07	J3QN71AQ
		Dilution Factor: 1				
		Analysis Time..: 18:30				
Nickel	ND	4.0	mg/kg	SW846 6010B	08/02/07	J3QN71AT
		Dilution Factor: 1				
		Analysis Time..: 18:30				
Potassium	ND	300	mg/kg	SW846 6010B	08/02/07	J3QN71AN
		Dilution Factor: 1				
		Analysis Time..: 18:30				
Selenium	ND	1.3	mg/kg	SW846 6010B	08/02/07	J3QN71AW
		Dilution Factor: 1				
		Analysis Time..: 18:30				
Silver	ND	1.0	mg/kg	SW846 6010B	08/02/07	J3QN71AA
		Dilution Factor: 1				
		Analysis Time..: 18:30				
Sodium	ND	500	mg/kg	SW846 6010B	08/02/07	J3QN71AR
		Dilution Factor: 1				
		Analysis Time..: 18:30				
Thallium	ND	1.2	mg/kg	SW846 6010B	08/02/07	J3QN71AX
		Dilution Factor: 1				
		Analysis Time..: 18:30				
Vanadium	ND	2.0	mg/kg	SW846 6010B	08/02/07	J3QN71A0
		Dilution Factor: 1				
		Analysis Time..: 18:30				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D7G240162 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc	ND	3.0	mg/kg	SW846 6010B	08/02/07	J3QN71A1

Dilution Factor: 1

Analysis Time..: 18:30

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D7G240162 **Matrix.....:** WATER

MB Lot-Sample #: D7G270000-137 **Prep Batch #...:** 7208137

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	ND	10	ug/L	SW846 6010B	07/31-08/01/07	J3N0V1AA
		Dilution Factor: 1				
		Analysis Time..: 21:00				
Aluminum	ND	100	ug/L	SW846 6010B	07/31-08/01/07	J3N0V1AC
		Dilution Factor: 1				
		Analysis Time..: 21:00				
Arsenic	ND	15	ug/L	SW846 6010B	07/31-08/01/07	J3N0V1AD
		Dilution Factor: 1				
		Analysis Time..: 21:00				
Barium	ND	10	ug/L	SW846 6010B	07/31-08/01/07	J3N0V1AE
		Dilution Factor: 1				
		Analysis Time..: 21:00				
Beryllium	ND	5.0	ug/L	SW846 6010B	07/31-08/01/07	J3N0V1AF
		Dilution Factor: 1				
		Analysis Time..: 21:00				
Calcium	**57 B**	**200**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3N0V1AG**
		Dilution Factor: 1				
		Analysis Time..: 21:00				
Cadmium	ND	5.0	ug/L	SW846 6010B	07/31-08/01/07	J3N0V1AH
		Dilution Factor: 1				
		Analysis Time..: 21:00				
Cobalt	ND	10	ug/L	SW846 6010B	07/31-08/01/07	J3N0V1AJ
		Dilution Factor: 1				
		Analysis Time..: 21:00				
Chromium	ND	10	ug/L	SW846 6010B	07/31-08/01/07	J3N0V1AK
		Dilution Factor: 1				
		Analysis Time..: 21:00				
Copper	ND	15	ug/L	SW846 6010B	07/31-08/01/07	J3N0V1AL
		Dilution Factor: 1				
		Analysis Time..: 21:00				
Iron	ND	100	ug/L	SW846 6010B	07/31-08/01/07	J3N0V1AM
		Dilution Factor: 1				
		Analysis Time..: 21:00				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D7G240162 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	ND	3000	ug/L	SW846 6010B	07/31-08/01/07	J3N0V1AN
		Dilution Factor: 1				
		Analysis Time..: 21:00				
Magnesium	ND	200	ug/L	SW846 6010B	07/31-08/01/07	J3N0V1AP
		Dilution Factor: 1				
		Analysis Time..: 21:00				
Manganese	ND	10	ug/L	SW846 6010B	07/31-08/01/07	J3N0V1AQ
		Dilution Factor: 1				
		Analysis Time..: 21:00				
Sodium	**270 B**	**1000**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3N0V1AR**
		Dilution Factor: 1				
		Analysis Time..: 21:00				
Nickel	ND	40	ug/L	SW846 6010B	07/31-08/01/07	J3N0V1AT
		Dilution Factor: 1				
		Analysis Time..: 21:00				
Lead	ND	9.0	ug/L	SW846 6010B	07/31-08/01/07	J3N0V1AU
		Dilution Factor: 1				
		Analysis Time..: 21:00				
Antimony	ND	10	ug/L	SW846 6010B	07/31-08/01/07	J3N0V1AV
		Dilution Factor: 1				
		Analysis Time..: 21:00				
Selenium	ND	15	ug/L	SW846 6010B	07/31-08/01/07	J3N0V1AW
		Dilution Factor: 1				
		Analysis Time..: 21:00				
Thallium	ND	15	ug/L	SW846 6010B	07/31-08/01/07	J3N0V1AX
		Dilution Factor: 1				
		Analysis Time..: 21:00				
Vanadium	ND	10	ug/L	SW846 6010B	07/31-08/01/07	J3N0V1A0
		Dilution Factor: 1				
		Analysis Time..: 21:00				
Zinc	**5.1 B**	**20**	**ug/L**	**SW846 6010B**	**07/31-08/01/07**	**J3N0V1A1**
		Dilution Factor: 1				
		Analysis Time..: 21:00				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D7G240162 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: D7G280000-156 **Prep Batch #...:** 7209156						
Mercury	**0.031 B**	**0.20**	**ug/L**	**SW846 7470A**	**08/02-08/03/07**	**J3WJJ1AA**
		Dilution Factor: 1				
		Analysis Time..: 02:35				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7G240162 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: D7G260000-206 **Prep Batch #...:** 7207378					
Mercury	103	(87 - 111)	SW846 7471A	08/02-08/03/07	J3K6J1AC
		Dilution Factor: 1	Analysis Time..: 15:11		
LCS Lot-Sample#: D7G270000-407 **Prep Batch #...:** 7208407					
Silver	93	(87 - 114)	SW846 6010B	08/02/07	J3QN71A2
		Dilution Factor: 1	Analysis Time..: 18:52		
Aluminum	88	(82 - 116)	SW846 6010B	08/02/07	J3QN71A3
		Dilution Factor: 1	Analysis Time..: 18:52		
Arsenic	89	(85 - 110)	SW846 6010B	08/02/07	J3QN71A4
		Dilution Factor: 1	Analysis Time..: 18:52		
Barium	99	(87 - 112)	SW846 6010B	08/02/07	J3QN71A5
		Dilution Factor: 1	Analysis Time..: 18:52		
Beryllium	95	(84 - 114)	SW846 6010B	08/02/07	J3QN71A6
		Dilution Factor: 1	Analysis Time..: 18:52		
Calcium	91	(82 - 114)	SW846 6010B	08/02/07	J3QN71A7
		Dilution Factor: 1	Analysis Time..: 18:52		
Cadmium	104	(87 - 110)	SW846 6010B	08/02/07	J3QN71A8
		Dilution Factor: 1	Analysis Time..: 18:52		
Cobalt	94	(87 - 110)	SW846 6010B	08/02/07	J3QN71A9
		Dilution Factor: 1	Analysis Time..: 18:52		
Chromium	99	(84 - 114)	SW846 6010B	08/02/07	J3QN71CA
		Dilution Factor: 1	Analysis Time..: 18:52		
Copper	95	(88 - 110)	SW846 6010B	08/02/07	J3QN71CC
		Dilution Factor: 1	Analysis Time..: 18:52		
Iron	88	(87 - 120)	SW846 6010B	08/02/07	J3QN71CD
		Dilution Factor: 1	Analysis Time..: 18:52		
Potassium	98	(89 - 110)	SW846 6010B	08/02/07	J3QN71CE
		Dilution Factor: 1	Analysis Time..: 18:52		

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7G240162 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	95	(90 - 110)	SW846 6010B	08/02-08/03/07	J3QN71CF
		Dilution Factor: 1	Analysis Time..: 15:25		
Manganese	96	(88 - 110)	SW846 6010B	08/02/07	J3QN71CG
		Dilution Factor: 1	Analysis Time..: 18:52		
Sodium	107	(90 - 112)	SW846 6010B	08/02/07	J3QN71CH
		Dilution Factor: 1	Analysis Time..: 18:52		
Nickel	93	(87 - 110)	SW846 6010B	08/02/07	J3QN71CJ
		Dilution Factor: 1	Analysis Time..: 18:52		
Lead	86	(86 - 110)	SW846 6010B	08/02/07	J3QN71CK
		Dilution Factor: 1	Analysis Time..: 18:52		
Antimony	91	(82 - 110)	SW846 6010B	08/02/07	J3QN71CL
		Dilution Factor: 1	Analysis Time..: 18:52		
Selenium	90	(83 - 110)	SW846 6010B	08/02/07	J3QN71CM
		Dilution Factor: 1	Analysis Time..: 18:52		
Thallium	89	(84 - 110)	SW846 6010B	08/02/07	J3QN71CN
		Dilution Factor: 1	Analysis Time..: 18:52		
Vanadium	94	(88 - 110)	SW846 6010B	08/02/07	J3QN71CP
		Dilution Factor: 1	Analysis Time..: 18:52		
Zinc	98	(76 - 114)	SW846 6010B	08/02-08/03/07	J3QN71CQ
		Dilution Factor: 1	Analysis Time..: 15:25		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7G240162 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: D7G260000-206 **Prep Batch #...:** 7207378							
Mercury	833	859	ug/kg	103	SW846 7471A	08/02-08/03/07	J3K6J1AC
			Dilution Factor: 1		Analysis Time..: 15:11		
LCS Lot-Sample#: D7G270000-407 **Prep Batch #...:** 7208407							
Silver	5.00	4.64	mg/kg	93	SW846 6010B	08/02/07	J3QN71A2
			Dilution Factor: 1		Analysis Time..: 18:52		
Aluminum	200	175	mg/kg	88	SW846 6010B	08/02/07	J3QN71A3
			Dilution Factor: 1		Analysis Time..: 18:52		
Arsenic	100	88.8	mg/kg	89	SW846 6010B	08/02/07	J3QN71A4
			Dilution Factor: 1		Analysis Time..: 18:52		
Barium	200	198	mg/kg	99	SW846 6010B	08/02/07	J3QN71A5
			Dilution Factor: 1		Analysis Time..: 18:52		
Beryllium	5.00	4.76	mg/kg	95	SW846 6010B	08/02/07	J3QN71A6
			Dilution Factor: 1		Analysis Time..: 18:52		
Calcium	5000	4560	mg/kg	91	SW846 6010B	08/02/07	J3QN71A7
			Dilution Factor: 1		Analysis Time..: 18:52		
Cadmium	10.0	10.4	mg/kg	104	SW846 6010B	08/02/07	J3QN71A8
			Dilution Factor: 1		Analysis Time..: 18:52		
Cobalt	50.0	47.2	mg/kg	94	SW846 6010B	08/02/07	J3QN71A9
			Dilution Factor: 1		Analysis Time..: 18:52		
Chromium	20.0	19.8	mg/kg	99	SW846 6010B	08/02/07	J3QN71CA
			Dilution Factor: 1		Analysis Time..: 18:52		
Copper	25.0	23.7	mg/kg	95	SW846 6010B	08/02/07	J3QN71CC
			Dilution Factor: 1		Analysis Time..: 18:52		
Iron	100	88.3	mg/kg	88	SW846 6010B	08/02/07	J3QN71CD
			Dilution Factor: 1		Analysis Time..: 18:52		
Potassium	5000	4900	mg/kg	98	SW846 6010B	08/02/07	J3QN71CE
			Dilution Factor: 1		Analysis Time..: 18:52		

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7G240162

Matrix.....: SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium	5000	4750	mg/kg	95	SW846 6010B	08/02-08/03/07	J3QN71CF
			Dilution Factor: 1		Analysis Time..: 15:25		
Manganese	50.0	48.2	mg/kg	96	SW846 6010B	08/02/07	J3QN71CG
			Dilution Factor: 1		Analysis Time..: 18:52		
Sodium	5000	5340	mg/kg	107	SW846 6010B	08/02/07	J3QN71CH
			Dilution Factor: 1		Analysis Time..: 18:52		
Nickel	50.0	46.6	mg/kg	93	SW846 6010B	08/02/07	J3QN71CJ
			Dilution Factor: 1		Analysis Time..: 18:52		
Lead	50.0	43.2	mg/kg	86	SW846 6010B	08/02/07	J3QN71CK
			Dilution Factor: 1		Analysis Time..: 18:52		
Antimony	50.0	45.3	mg/kg	91	SW846 6010B	08/02/07	J3QN71CL
			Dilution Factor: 1		Analysis Time..: 18:52		
Selenium	200	181	mg/kg	90	SW846 6010B	08/02/07	J3QN71CM
			Dilution Factor: 1		Analysis Time..: 18:52		
Thallium	200	178	mg/kg	89	SW846 6010B	08/02/07	J3QN71CN
			Dilution Factor: 1		Analysis Time..: 18:52		
Vanadium	50.0	47.1	mg/kg	94	SW846 6010B	08/02/07	J3QN71CP
			Dilution Factor: 1		Analysis Time..: 18:52		
Zinc	50.0	49.1	mg/kg	98	SW846 6010B	08/02-08/03/07	J3QN71CQ
			Dilution Factor: 1		Analysis Time..: 15:25		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7G240162 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: D7G270000-137 **Prep Batch #...:** 7208137					
Silver	96	(86 - 115)	SW846 6010B	07/31-08/01/07	J3N0V1A2
		Dilution Factor: 1	Analysis Time..: 21:05		
Aluminum	91	(87 - 111)	SW846 6010B	07/31-08/01/07	J3N0V1A3
		Dilution Factor: 1	Analysis Time..: 21:05		
Arsenic	92	(88 - 110)	SW846 6010B	07/31-08/01/07	J3N0V1A4
		Dilution Factor: 1	Analysis Time..: 21:05		
Barium	95	(90 - 112)	SW846 6010B	07/31-08/01/07	J3N0V1A5
		Dilution Factor: 1	Analysis Time..: 21:05		
Beryllium	92	(89 - 113)	SW846 6010B	07/31-08/01/07	J3N0V1A6
		Dilution Factor: 1	Analysis Time..: 21:05		
Calcium	93	(90 - 111)	SW846 6010B	07/31-08/01/07	J3N0V1A7
		Dilution Factor: 1	Analysis Time..: 21:05		
Cadmium	106	(88 - 111)	SW846 6010B	07/31-08/01/07	J3N0V1A8
		Dilution Factor: 1	Analysis Time..: 21:05		
Cobalt	93	(89 - 111)	SW846 6010B	07/31-08/01/07	J3N0V1A9
		Dilution Factor: 1	Analysis Time..: 21:05		
Chromium	99	(90 - 113)	SW846 6010B	07/31-08/01/07	J3N0V1CA
		Dilution Factor: 1	Analysis Time..: 21:05		
Copper	98	(86 - 112)	SW846 6010B	07/31-08/01/07	J3N0V1CC
		Dilution Factor: 1	Analysis Time..: 21:05		
Iron	92	(89 - 115)	SW846 6010B	07/31-08/01/07	J3N0V1CD
		Dilution Factor: 1	Analysis Time..: 21:05		
Potassium	96	(89 - 114)	SW846 6010B	07/31-08/01/07	J3N0V1CE
		Dilution Factor: 1	Analysis Time..: 21:05		
Magnesium	94	(90 - 113)	SW846 6010B	07/31-08/01/07	J3N0V1CF
		Dilution Factor: 1	Analysis Time..: 16:20		
Manganese	94	(90 - 110)	SW846 6010B	07/31-08/01/07	J3N0V1CG
		Dilution Factor: 1	Analysis Time..: 21:05		

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7G240162 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	104	(90 - 115)	SW846 6010B	07/31-08/01/07	J3N0V1CH
		Dilution Factor: 1	Analysis Time..: 21:05		
Nickel	93	(89 - 111)	SW846 6010B	07/31-08/01/07	J3N0V1CJ
		Dilution Factor: 1	Analysis Time..: 21:05		
Lead	91	(89 - 110)	SW846 6010B	07/31-08/01/07	J3N0V1CK
		Dilution Factor: 1	Analysis Time..: 21:05		
Antimony	98	(88 - 110)	SW846 6010B	07/31-08/01/07	J3N0V1CL
		Dilution Factor: 1	Analysis Time..: 21:05		
Selenium	92	(85 - 112)	SW846 6010B	07/31-08/01/07	J3N0V1CM
		Dilution Factor: 1	Analysis Time..: 21:05		
Thallium	92	(88 - 110)	SW846 6010B	07/31-08/01/07	J3N0V1CN
		Dilution Factor: 1	Analysis Time..: 21:05		
Vanadium	97	(90 - 111)	SW846 6010B	07/31-08/01/07	J3N0V1CP
		Dilution Factor: 1	Analysis Time..: 21:05		
Zinc	90	(85 - 111)	SW846 6010B	07/31-08/01/07	J3N0V1CQ
		Dilution Factor: 1	Analysis Time..: 21:05		

LCS Lot-Sample#: D7G280000-156 **Prep Batch #...:** 7209156

Mercury	96	(88 - 111)	SW846 7470A	08/02-08/03/07	J3WJJ1AC
		Dilution Factor: 1	Analysis Time..: 02:38		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7G240162 **Matrix.....:** WATER

LCS Lot-Sample#: D7G270000-137 **Prep Batch #...:** 7208137

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	50.0	47.8	ug/L Dilution Factor: 1	96	SW846 6010B Analysis Time..: 21:05	07/31-08/01/07	J3N0V1A2
Aluminum	2000	1820	ug/L Dilution Factor: 1	91	SW846 6010B Analysis Time..: 21:05	07/31-08/01/07	J3N0V1A3
Arsenic	1000	920	ug/L Dilution Factor: 1	92	SW846 6010B Analysis Time..: 21:05	07/31-08/01/07	J3N0V1A4
Barium	2000	1910	ug/L Dilution Factor: 1	95	SW846 6010B Analysis Time..: 21:05	07/31-08/01/07	J3N0V1A5
Beryllium	50.0	46.1	ug/L Dilution Factor: 1	92	SW846 6010B Analysis Time..: 21:05	07/31-08/01/07	J3N0V1A6
Calcium	50000	46400	ug/L Dilution Factor: 1	93	SW846 6010B Analysis Time..: 21:05	07/31-08/01/07	J3N0V1A7
Cadmium	100	106	ug/L Dilution Factor: 1	106	SW846 6010B Analysis Time..: 21:05	07/31-08/01/07	J3N0V1A8
Cobalt	500	466	ug/L Dilution Factor: 1	93	SW846 6010B Analysis Time..: 21:05	07/31-08/01/07	J3N0V1A9
Chromium	200	197	ug/L Dilution Factor: 1	99	SW846 6010B Analysis Time..: 21:05	07/31-08/01/07	J3N0V1CA
Copper	250	244	ug/L Dilution Factor: 1	98	SW846 6010B Analysis Time..: 21:05	07/31-08/01/07	J3N0V1CC
Iron	1000	922	ug/L Dilution Factor: 1	92	SW846 6010B Analysis Time..: 21:05	07/31-08/01/07	J3N0V1CD
Potassium	50000	48100	ug/L Dilution Factor: 1	96	SW846 6010B Analysis Time..: 21:05	07/31-08/01/07	J3N0V1CE
Magnesium	50000	47000	ug/L Dilution Factor: 1	94	SW846 6010B Analysis Time..: 16:20	07/31-08/01/07	J3N0V1CF
Manganese	500	470	ug/L Dilution Factor: 1	94	SW846 6010B Analysis Time..: 21:05	07/31-08/01/07	J3N0V1CG

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7G240162 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	50000	52000	ug/L	104	SW846 6010B	07/31-08/01/07	J3N0V1CH
			Dilution Factor: 1		Analysis Time..: 21:05		
Nickel	500	467	ug/L	93	SW846 6010B	07/31-08/01/07	J3N0V1CJ
			Dilution Factor: 1		Analysis Time..: 21:05		
Lead	500	455	ug/L	91	SW846 6010B	07/31-08/01/07	J3N0V1CK
			Dilution Factor: 1		Analysis Time..: 21:05		
Antimony	500	488	ug/L	98	SW846 6010B	07/31-08/01/07	J3N0V1CL
			Dilution Factor: 1		Analysis Time..: 21:05		
Selenium	2000	1850	ug/L	92	SW846 6010B	07/31-08/01/07	J3N0V1CM
			Dilution Factor: 1		Analysis Time..: 21:05		
Thallium	2000	1840	ug/L	92	SW846 6010B	07/31-08/01/07	J3N0V1CN
			Dilution Factor: 1		Analysis Time..: 21:05		
Vanadium	500	483	ug/L	97	SW846 6010B	07/31-08/01/07	J3N0V1CP
			Dilution Factor: 1		Analysis Time..: 21:05		
Zinc	500	448	ug/L	90	SW846 6010B	07/31-08/01/07	J3N0V1CQ
			Dilution Factor: 1		Analysis Time..: 21:05		

LCS Lot-Sample#: D7G280000-156 **Prep Batch #...:** 7209156

Mercury	5.00	4.78	ug/L	96	SW846 7470A	08/02-08/03/07	J3WJJ1AC
			Dilution Factor: 1		Analysis Time..: 02:38		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7G240162 **Matrix.....:** WG
Date Sampled...: 07/21/07 09:10 **Date Received..:** 07/24/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7G240162-003 **Prep Batch #...:** 7208137							
Silver	104	(75 - 141)			SW846 6010B	07/31-08/01/07	J3FT41C3
	106	(75 - 141)	1.5	(0-25)	SW846 6010B	07/31-08/01/07	J3FT41C4
		Dilution Factor: 1					
		Analysis Time..: 16:48					
Aluminum	84	(83 - 119)			SW846 6010B	07/31-08/01/07	J3FT41C5
	84	(83 - 119)	0.59	(0-25)	SW846 6010B	07/31-08/01/07	J3FT41C6
		Dilution Factor: 1					
		Analysis Time..: 16:48					
Arsenic	98	(84 - 124)			SW846 6010B	07/31-08/01/07	J3FT41C7
	98	(84 - 124)	0.48	(0-25)	SW846 6010B	07/31-08/01/07	J3FT41C8
		Dilution Factor: 1					
		Analysis Time..: 16:48					
Barium	100	(85 - 120)			SW846 6010B	07/31-08/01/07	J3FT41C9
	99	(85 - 120)	0.42	(0-25)	SW846 6010B	07/31-08/01/07	J3FT41DA
		Dilution Factor: 1					
		Analysis Time..: 16:48					
Beryllium	95	(79 - 121)			SW846 6010B	07/31-08/01/07	J3FT41DC
	95	(79 - 121)	0.02	(0-25)	SW846 6010B	07/31-08/01/07	J3FT41DD
		Dilution Factor: 1					
		Analysis Time..: 16:48					
Calcium	NC,MSB	(48 - 153)			SW846 6010B	07/31-08/01/07	J3FT41DE
	NC,MSB	(48 - 153)		(0-25)	SW846 6010B	07/31-08/01/07	J3FT41DF
		Dilution Factor: 1					
		Analysis Time..: 16:48					
Cadmium	112	(82 - 119)			SW846 6010B	07/31-08/01/07	J3FT41DG
	112	(82 - 119)	0.35	(0-25)	SW846 6010B	07/31-08/01/07	J3FT41DH
		Dilution Factor: 1					
		Analysis Time..: 16:48					
Cobalt	90	(82 - 119)			SW846 6010B	07/31-08/01/07	J3FT41DJ
	91	(82 - 119)	0.28	(0-25)	SW846 6010B	07/31-08/01/07	J3FT41DK
		Dilution Factor: 1					
		Analysis Time..: 16:48					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7G240162 **Matrix.....:** WG
Date Sampled...: 07/21/07 09:10 **Date Received..:** 07/24/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	93	(73 - 135)			SW846 6010B	07/31-08/01/07	J3FT41DL
	93	(73 - 135)	0.58	(0-25)	SW846 6010B	07/31-08/01/07	J3FT41DM
		Dilution Factor: 1					
		Analysis Time..: 16:48					
Copper	97	(82 - 129)			SW846 6010B	07/31-08/01/07	J3FT41DN
	99	(82 - 129)	1.5	(0-25)	SW846 6010B	07/31-08/01/07	J3FT41DP
		Dilution Factor: 1					
		Analysis Time..: 16:48					
Iron	81	(52 - 155)			SW846 6010B	07/31-08/01/07	J3FT41DQ
	66	(52 - 155)	15	(0-25)	SW846 6010B	07/31-08/01/07	J3FT41DR
		Dilution Factor: 1					
		Analysis Time..: 16:48					
Potassium	96	(76 - 132)			SW846 6010B	07/31-08/01/07	J3FT41DT
	96	(76 - 132)	0.20	(0-25)	SW846 6010B	07/31-08/01/07	J3FT41DU
		Dilution Factor: 1					
		Analysis Time..: 16:48					
Magnesium	NC,MSB	(62 - 146)			SW846 6010B	07/31-08/01/07	J3FT41A7
	NC,MSB	(62 - 146)		(0-25)	SW846 6010B	07/31-08/01/07	J3FT41A8
		Dilution Factor: 1					
		Analysis Time..: 16:48					
Manganese	95	(79 - 121)			SW846 6010B	07/31-08/01/07	J3FT41A9
	96	(79 - 121)	0.69	(0-25)	SW846 6010B	07/31-08/01/07	J3FT41CA
		Dilution Factor: 1					
		Analysis Time..: 16:48					
Sodium	NC,MSB	(70 - 203)			SW846 6010B	07/31-08/01/07	J3FT41CC
	NC,MSB	(70 - 203)		(0-40)	SW846 6010B	07/31-08/01/07	J3FT41CD
		Dilution Factor: 1					
		Analysis Time..: 16:48					
Nickel	89	(84 - 120)			SW846 6010B	07/31-08/01/07	J3FT41CE
	90	(84 - 120)	1.1	(0-25)	SW846 6010B	07/31-08/01/07	J3FT41CF
		Dilution Factor: 1					
		Analysis Time..: 16:48					
Lead	78 N	(89 - 121)			SW846 6010B	07/31-08/01/07	J3FT41CG
	79 N	(89 - 121)	0.62	(0-25)	SW846 6010B	07/31-08/01/07	J3FT41CH
		Dilution Factor: 1					
		Analysis Time..: 16:48					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7G240162 **Matrix.....:** WG
Date Sampled...: 07/21/07 09:10 **Date Received..:** 07/24/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	99	(81 - 124)			SW846 6010B	07/31-08/01/07	J3FT41CJ
	97	(81 - 124)	2.1	(0-25)	SW846 6010B	07/31-08/01/07	J3FT41CK
		Dilution Factor: 1					
		Analysis Time..: 16:48					
Selenium	99	(71 - 140)			SW846 6010B	07/31-08/01/07	J3FT41CL
	99	(71 - 140)	0.02	(0-25)	SW846 6010B	07/31-08/01/07	J3FT41CM
		Dilution Factor: 1					
		Analysis Time..: 16:48					
Thallium	74 N	(90 - 116)			SW846 6010B	07/31-08/01/07	J3FT41CN
	75 N	(90 - 116)	0.71	(0-25)	SW846 6010B	07/31-08/01/07	J3FT41CP
		Dilution Factor: 1					
		Analysis Time..: 16:48					
Vanadium	99	(85 - 120)			SW846 6010B	07/31-08/01/07	J3FT41CQ
	101	(85 - 120)	1.7	(0-25)	SW846 6010B	07/31-08/01/07	J3FT41CR
		Dilution Factor: 1					
		Analysis Time..: 16:48					
Zinc	91	(60 - 137)			SW846 6010B	07/31-08/01/07	J3FT41CT
	95	(60 - 137)	4.3	(0-25)	SW846 6010B	07/31-08/01/07	J3FT41CU
		Dilution Factor: 1					
		Analysis Time..: 16:48					

MS Lot-Sample #: D7G240162-003 **Prep Batch #...:** 7209156

Mercury	92	(88 - 111)			SW846 7470A	08/02-08/03/07	J3FT41C1
	94	(88 - 111)	2.5	(0-10)	SW846 7470A	08/02-08/03/07	J3FT41C2
		Dilution Factor: 1					
		Analysis Time..: 02:52					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7G240162 **Matrix.....:** WG
Date Sampled...: 07/21/07 09:10 **Date Received..:** 07/24/07

MS Lot-Sample #: D7G240162-003 **Prep Batch #...:** 7208137

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver									
	ND	50.0	53.5	ug/L	104		SW846 6010B	07/31-08/01/07	J3FT41C3
	ND	50.0	54.4	ug/L	106	1.5	SW846 6010B	07/31-08/01/07	J3FT41C4
			Dilution Factor: 1						
			Analysis Time..: 16:48						
Aluminum									
	23	2000	1700	ug/L	84		SW846 6010B	07/31-08/01/07	J3FT41C5
	23	2000	1710	ug/L	84	0.59	SW846 6010B	07/31-08/01/07	J3FT41C6
			Dilution Factor: 1						
			Analysis Time..: 16:48						
Arsenic									
	ND	1000	979	ug/L	98		SW846 6010B	07/31-08/01/07	J3FT41C7
	ND	1000	984	ug/L	98	0.48	SW846 6010B	07/31-08/01/07	J3FT41C8
			Dilution Factor: 1						
			Analysis Time..: 16:48						
Barium									
	150	2000	2140	ug/L	100		SW846 6010B	07/31-08/01/07	J3FT41C9
	150	2000	2140	ug/L	99	0.42	SW846 6010B	07/31-08/01/07	J3FT41DA
			Dilution Factor: 1						
			Analysis Time..: 16:48						
Beryllium									
	ND	50.0	47.4	ug/L	95		SW846 6010B	07/31-08/01/07	J3FT41DC
	ND	50.0	47.4	ug/L	95	0.02	SW846 6010B	07/31-08/01/07	J3FT41DD
			Dilution Factor: 1						
			Analysis Time..: 16:48						
Calcium									
	720000	50000	777000	ug/L			SW846 6010B	07/31-08/01/07	J3FT41DE
			Qualifiers: NC,MSB						
	720000	50000	762000	ug/L			SW846 6010B	07/31-08/01/07	J3FT41DF
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 16:48						
Cadmium									
	1.1	100	113	ug/L	112		SW846 6010B	07/31-08/01/07	J3FT41DG
	1.1	100	113	ug/L	112	0.35	SW846 6010B	07/31-08/01/07	J3FT41DH
			Dilution Factor: 1						
			Analysis Time..: 16:48						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7G240162 **Matrix.....:** WG
Date Sampled...: 07/21/07 09:10 **Date Received..:** 07/24/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt									
	ND	500	453	ug/L	90		SW846 6010B	07/31-08/01/07	J3FT41DJ
	ND	500	454	ug/L	91	0.28	SW846 6010B	07/31-08/01/07	J3FT41DK
			Dilution Factor: 1						
			Analysis Time..: 16:48						
Chromium									
	ND	200	187	ug/L	93		SW846 6010B	07/31-08/01/07	J3FT41DL
	ND	200	188	ug/L	93	0.58	SW846 6010B	07/31-08/01/07	J3FT41DM
			Dilution Factor: 1						
			Analysis Time..: 16:48						
Copper									
	22	250	266	ug/L	97		SW846 6010B	07/31-08/01/07	J3FT41DN
	22	250	270	ug/L	99	1.5	SW846 6010B	07/31-08/01/07	J3FT41DP
			Dilution Factor: 1						
			Analysis Time..: 16:48						
Iron									
	300	1000	1110	ug/L	81		SW846 6010B	07/31-08/01/07	J3FT41DQ
	300	1000	951	ug/L	66	15	SW846 6010B	07/31-08/01/07	J3FT41DR
			Dilution Factor: 1						
			Analysis Time..: 16:48						
Potassium									
	14000	50000	61700	ug/L	96		SW846 6010B	07/31-08/01/07	J3FT41DT
	14000	50000	61800	ug/L	96	0.20	SW846 6010B	07/31-08/01/07	J3FT41DU
			Dilution Factor: 1						
			Analysis Time..: 16:48						
Magnesium									
	560000	50000	615000	ug/L			SW846 6010B	07/31-08/01/07	J3FT41A7
			Qualifiers: NC,MSB						
	560000	50000	602000	ug/L			SW846 6010B	07/31-08/01/07	J3FT41A8
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 16:48						
Manganese									
	260	500	738	ug/L	95		SW846 6010B	07/31-08/01/07	J3FT41A9
	260	500	744	ug/L	96	0.69	SW846 6010B	07/31-08/01/07	J3FT41CA
			Dilution Factor: 1						
			Analysis Time..: 16:48						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7G240162 **Matrix.....:** WG
Date Sampled...: 07/21/07 09:10 **Date Received..:** 07/24/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium									
	3200000	50000	3290000	ug/L			SW846 6010B	07/31-08/01/07	J3FT41CC
			Qualifiers: NC,MSB						
	3200000	50000	3220000	ug/L			SW846 6010B	07/31-08/01/07	J3FT41CD
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 16:48						
Nickel									
	ND	500	451	ug/L	89		SW846 6010B	07/31-08/01/07	J3FT41CE
	ND	500	456	ug/L	90	1.1	SW846 6010B	07/31-08/01/07	J3FT41CF
			Dilution Factor: 1						
			Analysis Time..: 16:48						
Lead									
	ND	500	390 N	ug/L	78		SW846 6010B	07/31-08/01/07	J3FT41CG
	ND	500	393 N	ug/L	79	0.62	SW846 6010B	07/31-08/01/07	J3FT41CH
			Dilution Factor: 1						
			Analysis Time..: 16:48						
Antimony									
	ND	500	493	ug/L	99		SW846 6010B	07/31-08/01/07	J3FT41CJ
	ND	500	483	ug/L	97	2.1	SW846 6010B	07/31-08/01/07	J3FT41CK
			Dilution Factor: 1						
			Analysis Time..: 16:48						
Selenium									
	10	2000	2000	ug/L	99		SW846 6010B	07/31-08/01/07	J3FT41CL
	10	2000	2000	ug/L	99	0.02	SW846 6010B	07/31-08/01/07	J3FT41CM
			Dilution Factor: 1						
			Analysis Time..: 16:48						
Thallium									
	ND	2000	1480 N	ug/L	74		SW846 6010B	07/31-08/01/07	J3FT41CN
	ND	2000	1490 N	ug/L	75	0.71	SW846 6010B	07/31-08/01/07	J3FT41CP
			Dilution Factor: 1						
			Analysis Time..: 16:48						
Vanadium									
	8.1	500	505	ug/L	99		SW846 6010B	07/31-08/01/07	J3FT41CQ
	8.1	500	514	ug/L	101	1.7	SW846 6010B	07/31-08/01/07	J3FT41CR
			Dilution Factor: 1						
			Analysis Time..: 16:48						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7G240162 **Matrix.....:** WG
Date Sampled...: 07/21/07 09:10 **Date Received..:** 07/24/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc									
	37	500	491	ug/L	91		SW846 6010B	07/31-08/01/07	J3FT41CT
	37	500	512	ug/L	95	4.3	SW846 6010B	07/31-08/01/07	J3FT41CU

Dilution Factor: 1
Analysis Time..: 16:48

MS Lot-Sample #: D7G240162-003 **Prep Batch #...:** 7209156

Mercury									
	0.033	5.00	4.63	ug/L	92		SW846 7470A	08/02-08/03/07	J3FT41C1
	0.033	5.00	4.74	ug/L	94	2.5	SW846 7470A	08/02-08/03/07	J3FT41C2

Dilution Factor: 1
Analysis Time..: 02:52

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7G240162 **Matrix.....:** WG
Date Sampled...: 07/23/07 09:20 **Date Received..:** 07/24/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7G240162-012 **Prep Batch #...:** 7208137							
Silver	108	(75 - 141)			SW846 6010B	07/31-08/01/07	J3FV71C3
	106	(75 - 141)	1.4	(0-25)	SW846 6010B	07/31-08/01/07	J3FV71C4
		Dilution Factor: 1					
		Analysis Time..: 17:44					
Aluminum	86	(83 - 119)			SW846 6010B	07/31-08/01/07	J3FV71C5
	84	(83 - 119)	1.4	(0-25)	SW846 6010B	07/31-08/01/07	J3FV71C6
		Dilution Factor: 1					
		Analysis Time..: 17:44					
Arsenic	99	(84 - 124)			SW846 6010B	07/31-08/01/07	J3FV71C7
	97	(84 - 124)	1.6	(0-25)	SW846 6010B	07/31-08/01/07	J3FV71C8
		Dilution Factor: 1					
		Analysis Time..: 17:44					
Barium	99	(85 - 120)			SW846 6010B	07/31-08/01/07	J3FV71C9
	98	(85 - 120)	1.1	(0-25)	SW846 6010B	07/31-08/01/07	J3FV71DA
		Dilution Factor: 1					
		Analysis Time..: 17:44					
Beryllium	94	(79 - 121)			SW846 6010B	07/31-08/01/07	J3FV71DC
	93	(79 - 121)	1.1	(0-25)	SW846 6010B	07/31-08/01/07	J3FV71DD
		Dilution Factor: 1					
		Analysis Time..: 17:44					
Calcium	NC,MSB	(48 - 153)			SW846 6010B	07/31-08/01/07	J3FV71DE
	NC,MSB	(48 - 153)		(0-25)	SW846 6010B	07/31-08/01/07	J3FV71DF
		Dilution Factor: 1					
		Analysis Time..: 17:44					
Cadmium	113	(82 - 119)			SW846 6010B	07/31-08/01/07	J3FV71DG
	111	(82 - 119)	1.1	(0-25)	SW846 6010B	07/31-08/01/07	J3FV71DH
		Dilution Factor: 1					
		Analysis Time..: 17:44					
Cobalt	91	(82 - 119)			SW846 6010B	07/31-08/01/07	J3FV71DJ
	90	(82 - 119)	1.5	(0-25)	SW846 6010B	07/31-08/01/07	J3FV71DK
		Dilution Factor: 1					
		Analysis Time..: 17:44					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7G240162 **Matrix.....:** WG
Date Sampled...: 07/23/07 09:20 **Date Received..:** 07/24/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	95	(73 - 135)			SW846 6010B	07/31-08/01/07	J3FV71DL
	93	(73 - 135)	1.5	(0-25)	SW846 6010B	07/31-08/01/07	J3FV71DM
		Dilution Factor: 1					
		Analysis Time..: 17:44					
Copper	99	(82 - 129)			SW846 6010B	07/31-08/01/07	J3FV71DN
	99	(82 - 129)	0.46	(0-25)	SW846 6010B	07/31-08/01/07	J3FV71DP
		Dilution Factor: 1					
		Analysis Time..: 17:44					
Iron	91	(52 - 155)			SW846 6010B	07/31-08/01/07	J3FV71DQ
	89	(52 - 155)	2.0	(0-25)	SW846 6010B	07/31-08/01/07	J3FV71DR
		Dilution Factor: 1					
		Analysis Time..: 17:44					
Potassium	99	(76 - 132)			SW846 6010B	07/31-08/01/07	J3FV71DT
	98	(76 - 132)	0.78	(0-25)	SW846 6010B	07/31-08/01/07	J3FV71DU
		Dilution Factor: 1					
		Analysis Time..: 17:44					
Magnesium	NC,MSB	(62 - 146)			SW846 6010B	07/31-08/01/07	J3FV71A7
	NC,MSB	(62 - 146)		(0-25)	SW846 6010B	07/31-08/01/07	J3FV71A8
		Dilution Factor: 1					
		Analysis Time..: 17:44					
Manganese	96	(79 - 121)			SW846 6010B	07/31-08/01/07	J3FV71A9
	95	(79 - 121)	0.63	(0-25)	SW846 6010B	07/31-08/01/07	J3FV71CA
		Dilution Factor: 1					
		Analysis Time..: 17:44					
Sodium	NC,MSB	(70 - 203)			SW846 6010B	07/31-08/01/07	J3FV71CC
	NC,MSB	(70 - 203)		(0-40)	SW846 6010B	07/31-08/01/07	J3FV71CD
		Dilution Factor: 1					
		Analysis Time..: 17:44					
Nickel	90	(84 - 120)			SW846 6010B	07/31-08/01/07	J3FV71CE
	88	(84 - 120)	1.5	(0-25)	SW846 6010B	07/31-08/01/07	J3FV71CF
		Dilution Factor: 1					
		Analysis Time..: 17:44					
Lead	80 N	(89 - 121)			SW846 6010B	07/31-08/01/07	J3FV71CG
	79 N	(89 - 121)	1.9	(0-25)	SW846 6010B	07/31-08/01/07	J3FV71CH
		Dilution Factor: 1					
		Analysis Time..: 17:44					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7G240162 **Matrix.....:** WG
Date Sampled...: 07/23/07 09:20 **Date Received..:** 07/24/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	98	(81 - 124)			SW846 6010B	07/31-08/01/07	J3FV71CJ
	97	(81 - 124)	0.93	(0-25)	SW846 6010B	07/31-08/01/07	J3FV71CK
		Dilution Factor: 1					
		Analysis Time..: 17:44					
Selenium	100	(71 - 140)			SW846 6010B	07/31-08/01/07	J3FV71CL
	98	(71 - 140)	1.5	(0-25)	SW846 6010B	07/31-08/01/07	J3FV71CM
		Dilution Factor: 1					
		Analysis Time..: 17:44					
Thallium	76 N	(90 - 116)			SW846 6010B	07/31-08/01/07	J3FV71CN
	75 N	(90 - 116)	1.2	(0-25)	SW846 6010B	07/31-08/01/07	J3FV71CP
		Dilution Factor: 1					
		Analysis Time..: 17:44					
Vanadium	101	(85 - 120)			SW846 6010B	07/31-08/01/07	J3FV71CQ
	99	(85 - 120)	1.2	(0-25)	SW846 6010B	07/31-08/01/07	J3FV71CR
		Dilution Factor: 1					
		Analysis Time..: 17:44					
Zinc	96	(60 - 137)			SW846 6010B	07/31-08/01/07	J3FV71CT
	94	(60 - 137)	2.4	(0-25)	SW846 6010B	07/31-08/01/07	J3FV71CU
		Dilution Factor: 1					
		Analysis Time..: 17:44					

MS Lot-Sample #: D7G240162-012 **Prep Batch #...:** 7209156

Mercury	92	(88 - 111)			SW846 7470A	08/02-08/03/07	J3FV71C1
	96	(88 - 111)	3.8	(0-10)	SW846 7470A	08/02-08/03/07	J3FV71C2
		Dilution Factor: 1					
		Analysis Time..: 03:13					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7G240162 **Matrix.....:** WG
Date Sampled...: 07/23/07 09:20 **Date Received..:** 07/24/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7G240162-012 **Prep Batch #...:** 7208137									
Silver									
	ND	50.0	54.8	ug/L	108		SW846 6010B	07/31-08/01/07	J3FV71C3
	ND	50.0	54.0	ug/L	106	1.4	SW846 6010B	07/31-08/01/07	J3FV71C4
			Dilution Factor: 1						
			Analysis Time..: 17:44						
Aluminum									
	ND	2000	1720	ug/L	86		SW846 6010B	07/31-08/01/07	J3FV71C5
	ND	2000	1690	ug/L	84	1.4	SW846 6010B	07/31-08/01/07	J3FV71C6
			Dilution Factor: 1						
			Analysis Time..: 17:44						
Arsenic									
	ND	1000	990	ug/L	99		SW846 6010B	07/31-08/01/07	J3FV71C7
	ND	1000	974	ug/L	97	1.6	SW846 6010B	07/31-08/01/07	J3FV71C8
			Dilution Factor: 1						
			Analysis Time..: 17:44						
Barium									
	33	2000	2020	ug/L	99		SW846 6010B	07/31-08/01/07	J3FV71C9
	33	2000	2000	ug/L	98	1.1	SW846 6010B	07/31-08/01/07	J3FV71DA
			Dilution Factor: 1						
			Analysis Time..: 17:44						
Beryllium									
	ND	50.0	46.9	ug/L	94		SW846 6010B	07/31-08/01/07	J3FV71DC
	ND	50.0	46.4	ug/L	93	1.1	SW846 6010B	07/31-08/01/07	J3FV71DD
			Dilution Factor: 1						
			Analysis Time..: 17:44						
Calcium									
	670000	50000	732000	ug/L			SW846 6010B	07/31-08/01/07	J3FV71DE
			Qualifiers: NC,MSB						
	670000	50000	737000	ug/L			SW846 6010B	07/31-08/01/07	J3FV71DF
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 17:44						
Cadmium									
	0.66	100	113	ug/L	113		SW846 6010B	07/31-08/01/07	J3FV71DG
	0.66	100	112	ug/L	111	1.1	SW846 6010B	07/31-08/01/07	J3FV71DH
			Dilution Factor: 1						
			Analysis Time..: 17:44						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7G240162 **Matrix.....:** WG
Date Sampled...: 07/23/07 09:20 **Date Received..:** 07/24/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt									
	ND	500	456	ug/L	91		SW846 6010B	07/31-08/01/07	J3FV71DJ
	ND	500	449	ug/L	90	1.5	SW846 6010B	07/31-08/01/07	J3FV71DK
			Dilution Factor: 1						
			Analysis Time..: 17:44						
Chromium									
	ND	200	190	ug/L	95		SW846 6010B	07/31-08/01/07	J3FV71DL
	ND	200	188	ug/L	93	1.5	SW846 6010B	07/31-08/01/07	J3FV71DM
			Dilution Factor: 1						
			Analysis Time..: 17:44						
Copper									
	42	250	289	ug/L	99		SW846 6010B	07/31-08/01/07	J3FV71DN
	42	250	288	ug/L	99	0.46	SW846 6010B	07/31-08/01/07	J3FV71DP
			Dilution Factor: 1						
			Analysis Time..: 17:44						
Iron									
	24	1000	936	ug/L	91		SW846 6010B	07/31-08/01/07	J3FV71DQ
	24	1000	917	ug/L	89	2.0	SW846 6010B	07/31-08/01/07	J3FV71DR
			Dilution Factor: 1						
			Analysis Time..: 17:44						
Potassium									
	7800	50000	57100	ug/L	99		SW846 6010B	07/31-08/01/07	J3FV71DT
	7800	50000	56700	ug/L	98	0.78	SW846 6010B	07/31-08/01/07	J3FV71DU
			Dilution Factor: 1						
			Analysis Time..: 17:44						
Magnesium									
	570000	50000	621000	ug/L			SW846 6010B	07/31-08/01/07	J3FV71A7
			Qualifiers: NC,MSB						
	570000	50000	629000	ug/L			SW846 6010B	07/31-08/01/07	J3FV71A8
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 17:44						
Manganese									
	130	500	608	ug/L	96		SW846 6010B	07/31-08/01/07	J3FV71A9
	130	500	604	ug/L	95	0.63	SW846 6010B	07/31-08/01/07	J3FV71CA
			Dilution Factor: 1						
			Analysis Time..: 17:44						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7G240162 **Matrix.....:** WG
Date Sampled...: 07/23/07 09:20 **Date Received..:** 07/24/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium									
	2600000	50000	2670000	ug/L			SW846 6010B	07/31-08/01/07	J3FV71CC
			Qualifiers: NC,MSB						
	2600000	50000	2710000	ug/L			SW846 6010B	07/31-08/01/07	J3FV71CD
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 17:44						
Nickel									
	ND	500	452	ug/L	90		SW846 6010B	07/31-08/01/07	J3FV71CE
	ND	500	445	ug/L	88	1.5	SW846 6010B	07/31-08/01/07	J3FV71CF
			Dilution Factor: 1						
			Analysis Time..: 17:44						
Lead									
	ND	500	402 N	ug/L	80		SW846 6010B	07/31-08/01/07	J3FV71CG
	ND	500	394 N	ug/L	79	1.9	SW846 6010B	07/31-08/01/07	J3FV71CH
			Dilution Factor: 1						
			Analysis Time..: 17:44						
Antimony									
	ND	500	491	ug/L	98		SW846 6010B	07/31-08/01/07	J3FV71CJ
	ND	500	487	ug/L	97	0.93	SW846 6010B	07/31-08/01/07	J3FV71CK
			Dilution Factor: 1						
			Analysis Time..: 17:44						
Selenium									
	15	2000	2010	ug/L	100		SW846 6010B	07/31-08/01/07	J3FV71CL
	15	2000	1980	ug/L	98	1.5	SW846 6010B	07/31-08/01/07	J3FV71CM
			Dilution Factor: 1						
			Analysis Time..: 17:44						
Thallium									
	ND	2000	1520 N	ug/L	76		SW846 6010B	07/31-08/01/07	J3FV71CN
	ND	2000	1500 N	ug/L	75	1.2	SW846 6010B	07/31-08/01/07	J3FV71CP
			Dilution Factor: 1						
			Analysis Time..: 17:44						
Vanadium									
	5.7	500	509	ug/L	101		SW846 6010B	07/31-08/01/07	J3FV71CQ
	5.7	500	503	ug/L	99	1.2	SW846 6010B	07/31-08/01/07	J3FV71CR
			Dilution Factor: 1						
			Analysis Time..: 17:44						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7G240162 **Matrix.....:** WG
Date Sampled...: 07/23/07 09:20 **Date Received..:** 07/24/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc									
	73	500	554	ug/L	96		SW846 6010B	07/31-08/01/07	J3FV71CT
	73	500	541	ug/L	94	2.4	SW846 6010B	07/31-08/01/07	J3FV71CU

Dilution Factor: 1
Analysis Time..: 17:44

MS Lot-Sample #: D7G240162-012 **Prep Batch #...:** 7209156

Mercury									
	0.032	5.00	4.63	ug/L	92		SW846 7470A	08/02-08/03/07	J3FV71C1
	0.032	5.00	4.81	ug/L	96	3.8	SW846 7470A	08/02-08/03/07	J3FV71C2

Dilution Factor: 1
Analysis Time..: 03:13

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7G240162 **Matrix.....:** SO
Date Sampled...: 07/23/07 11:00 **Date Received..:** 07/24/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7G240162-024 **Prep Batch #...:** 7207378							
Mercury	96	(87 - 111)			SW846 7471A	08/02-08/03/07	J3FXQ1DK
	99	(87 - 111)	2.9	(0-20)	SW846 7471A	08/02-08/03/07	J3FXQ1DL
		Dilution Factor: 1					
		Analysis Time..: 15:30					
MS Lot-Sample #: D7G240162-024 **Prep Batch #...:** 7208407							
Aluminum	NC,MSB	(50 - 200)			SW846 6010B	08/02/07	J3FXQ1DR
	NC,MSB	(50 - 200)		(0-40)	SW846 6010B	08/02/07	J3FXQ1DT
		Dilution Factor: 1					
		Analysis Time..: 19:09					
Antimony	76	(20 - 200)			SW846 6010B	08/02/07	J3FXQ1C2
	75	(20 - 200)	1.0	(0-40)	SW846 6010B	08/02/07	J3FXQ1C3
		Dilution Factor: 1					
		Analysis Time..: 19:09					
Arsenic	95	(76 - 111)			SW846 6010B	08/02/07	J3FXQ1DU
	94	(76 - 111)	1.0	(0-30)	SW846 6010B	08/02/07	J3FXQ1DV
		Dilution Factor: 1					
		Analysis Time..: 19:09					
Barium	107	(52 - 159)			SW846 6010B	08/02/07	J3FXQ1DW
	106	(52 - 159)	0.90	(0-30)	SW846 6010B	08/02/07	J3FXQ1DX
		Dilution Factor: 1					
		Analysis Time..: 19:09					
Beryllium	96	(72 - 105)			SW846 6010B	08/02/07	J3FXQ1D0
	94	(72 - 105)	1.2	(0-30)	SW846 6010B	08/02/07	J3FXQ1D1
		Dilution Factor: 1					
		Analysis Time..: 19:09					
Cadmium	109	(40 - 130)			SW846 6010B	08/02/07	J3FXQ1CA
	108	(40 - 130)	1.2	(0-30)	SW846 6010B	08/02/07	J3FXQ1CC
		Dilution Factor: 1					
		Analysis Time..: 19:09					
Calcium	NC,MSB	(43 - 165)			SW846 6010B	08/02/07	J3FXQ1D2
	NC,MSB	(43 - 165)		(0-30)	SW846 6010B	08/02/07	J3FXQ1D3
		Dilution Factor: 1					
		Analysis Time..: 19:09					

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7G240162 **Matrix.....:** SO
Date Sampled...: 07/23/07 11:00 **Date Received..:** 07/24/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	108	(70 - 200)			SW846 6010B	08/02/07	J3FXQ1CF
	108	(70 - 200)	0.20	(0-40)	SW846 6010B	08/02/07	J3FXQ1CG
		Dilution Factor: 1					
		Analysis Time..: 19:09					
Cobalt	92	(72 - 106)			SW846 6010B	08/02/07	J3FXQ1CD
	91	(72 - 106)	1.0	(0-30)	SW846 6010B	08/02/07	J3FXQ1CE
		Dilution Factor: 1					
		Analysis Time..: 19:09					
Copper	98	(37 - 187)			SW846 6010B	08/02/07	J3FXQ1CH
	98	(37 - 187)	0.45	(0-30)	SW846 6010B	08/02/07	J3FXQ1CJ
		Dilution Factor: 1					
		Analysis Time..: 19:09					
Iron	NC,MSB	(70 - 200)			SW846 6010B	08/02-08/03/07	J3FXQ1CK
	NC,MSB	(70 - 200)		(0-40)	SW846 6010B	08/02-08/03/07	J3FXQ1CL
		Dilution Factor: 1					
		Analysis Time..: 15:58					
Lead	84	(70 - 200)			SW846 6010B	08/02/07	J3FXQ1C0
	84	(70 - 200)	0.25	(0-40)	SW846 6010B	08/02/07	J3FXQ1C1
		Dilution Factor: 1					
		Analysis Time..: 19:09					
Magnesium	99	(64 - 145)			SW846 6010B	08/02-08/03/07	J3FXQ1CP
	100	(64 - 145)	0.60	(0-30)	SW846 6010B	08/02-08/03/07	J3FXQ1CQ
		Dilution Factor: 1					
		Analysis Time..: 15:58					
Manganese	96	(40 - 200)			SW846 6010B	08/02/07	J3FXQ1CR
	94	(40 - 200)	1.1	(0-40)	SW846 6010B	08/02/07	J3FXQ1CT
		Dilution Factor: 1					
		Analysis Time..: 19:09					
Nickel	91	(61 - 126)			SW846 6010B	08/02/07	J3FXQ1CW
	91	(61 - 126)	0.45	(0-30)	SW846 6010B	08/02/07	J3FXQ1CX
		Dilution Factor: 1					
		Analysis Time..: 19:09					
Potassium	115	(56 - 172)			SW846 6010B	08/02/07	J3FXQ1CM
	115	(56 - 172)	0.47	(0-40)	SW846 6010B	08/02/07	J3FXQ1CN
		Dilution Factor: 1					
		Analysis Time..: 19:09					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7G240162 **Matrix.....:** SO
Date Sampled...: 07/23/07 11:00 **Date Received..:** 07/24/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Selenium	96	(76 - 104)			SW846 6010B	08/02/07	J3FXQ1C4
	94	(76 - 104)	2.6	(0-30)	SW846 6010B	08/02/07	J3FXQ1C5
		Dilution Factor: 1					
		Analysis Time..: 19:09					
Silver	98	(75 - 141)			SW846 6010B	08/02/07	J3FXQ1DP
	96	(75 - 141)	2.6	(0-30)	SW846 6010B	08/02/07	J3FXQ1DQ
		Dilution Factor: 1					
		Analysis Time..: 19:09					
Sodium	112 N	(78 - 111)			SW846 6010B	08/02/07	J3FXQ1CU
	111	(78 - 111)	0.48	(0-30)	SW846 6010B	08/02/07	J3FXQ1CV
		Dilution Factor: 1					
		Analysis Time..: 19:09					
Thallium	82	(78 - 101)			SW846 6010B	08/02/07	J3FXQ1C6
	82	(78 - 101)	0.23	(0-30)	SW846 6010B	08/02/07	J3FXQ1C7
		Dilution Factor: 1					
		Analysis Time..: 19:09					
Vanadium	101	(50 - 169)			SW846 6010B	08/02/07	J3FXQ1C8
	99	(50 - 169)	0.94	(0-30)	SW846 6010B	08/02/07	J3FXQ1C9
		Dilution Factor: 1					
		Analysis Time..: 19:09					
Zinc	94	(70 - 200)			SW846 6010B	08/02-08/03/07	J3FXQ1DA
	94	(70 - 200)	0.53	(0-40)	SW846 6010B	08/02-08/03/07	J3FXQ1DC
		Dilution Factor: 1					
		Analysis Time..: 15:58					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7G240162 **Matrix.....:** SO
Date Sampled...: 07/23/07 11:00 **Date Received..:** 07/24/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7G240162-024 **Prep Batch #...:** 7207378									
Mercury									
	ND	1070	1030	ug/kg	96		SW846 7471A	08/02-08/03/07	J3FXQ1DK
	ND	1070	1060	ug/kg	99	2.9	SW846 7471A	08/02-08/03/07	J3FXQ1DL
			Dilution Factor: 1						
			Analysis Time..: 15:30						
MS Lot-Sample #: D7G240162-024 **Prep Batch #...:** 7208407									
Aluminum									
	5000	256	8000	mg/kg			SW846 6010B	08/02/07	J3FXQ1DR
			Qualifiers: NC,MSB						
	5000	256	8430	mg/kg			SW846 6010B	08/02/07	J3FXQ1DT
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 19:09						
Antimony									
	ND	64.1	48.9	mg/kg	76		SW846 6010B	08/02/07	J3FXQ1C2
	ND	64.1	48.4	mg/kg	75	1.0	SW846 6010B	08/02/07	J3FXQ1C3
			Dilution Factor: 1						
			Analysis Time..: 19:09						
Arsenic									
	ND	128	123	mg/kg	95		SW846 6010B	08/02/07	J3FXQ1DU
	ND	128	121	mg/kg	94	1.0	SW846 6010B	08/02/07	J3FXQ1DV
			Dilution Factor: 1						
			Analysis Time..: 19:09						
Barium									
	57	256	332	mg/kg	107		SW846 6010B	08/02/07	J3FXQ1DW
	57	256	329	mg/kg	106	0.90	SW846 6010B	08/02/07	J3FXQ1DX
			Dilution Factor: 1						
			Analysis Time..: 19:09						
Beryllium									
	0.21	6.41	6.33	mg/kg	96		SW846 6010B	08/02/07	J3FXQ1D0
	0.21	6.41	6.26	mg/kg	94	1.2	SW846 6010B	08/02/07	J3FXQ1D1
			Dilution Factor: 1						
			Analysis Time..: 19:09						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7G240162 **Matrix.....:** SO
Date Sampled...: 07/23/07 11:00 **Date Received..:** 07/24/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cadmium									
	ND	12.8	14.0	mg/kg	109		SW846 6010B	08/02/07	J3FXQ1CA
	ND	12.8	13.9	mg/kg	108	1.2	SW846 6010B	08/02/07	J3FXQ1CC
			Dilution Factor: 1						
			Analysis Time..: 19:09						
Calcium									
	74000	6410	110000	mg/kg			SW846 6010B	08/02/07	J3FXQ1D2
			Qualifiers: NC,MSB						
	74000	6410	91700	mg/kg			SW846 6010B	08/02/07	J3FXQ1D3
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 19:09						
Chromium									
	6.2	25.6	33.9	mg/kg	108		SW846 6010B	08/02/07	J3FXQ1CF
	6.2	25.6	34.0	mg/kg	108	0.20	SW846 6010B	08/02/07	J3FXQ1CG
			Dilution Factor: 1						
			Analysis Time..: 19:09						
Cobalt									
	1.3	64.1	60.4	mg/kg	92		SW846 6010B	08/02/07	J3FXQ1CD
	1.3	64.1	59.8	mg/kg	91	1.0	SW846 6010B	08/02/07	J3FXQ1CE
			Dilution Factor: 1						
			Analysis Time..: 19:09						
Copper									
	2.4	32.1	33.9	mg/kg	98		SW846 6010B	08/02/07	J3FXQ1CH
	2.4	32.1	33.7	mg/kg	98	0.45	SW846 6010B	08/02/07	J3FXQ1CJ
			Dilution Factor: 1						
			Analysis Time..: 19:09						
Iron									
	4300	128	5120	mg/kg			SW846 6010B	08/02-08/03/07	J3FXQ1CK
			Qualifiers: NC,MSB						
	4300	128	5400	mg/kg			SW846 6010B	08/02-08/03/07	J3FXQ1CL
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 15:58						
Lead									
	2.5	64.1	56.2	mg/kg	84		SW846 6010B	08/02/07	J3FXQ1C0
	2.5	64.1	56.1	mg/kg	84	0.25	SW846 6010B	08/02/07	J3FXQ1C1
			Dilution Factor: 1						
			Analysis Time..: 19:09						

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7G240162 **Matrix.....:** SO
Date Sampled...: 07/23/07 11:00 **Date Received..:** 07/24/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Magnesium									
	2400	6410	8710	mg/kg	99		SW846 6010B	08/02-08/03/07	J3FXQ1CP
	2400	6410	8760	mg/kg	100	0.60	SW846 6010B	08/02-08/03/07	J3FXQ1CQ
			Dilution Factor: 1						
			Analysis Time..: 15:58						
Manganese									
	54	64.1	116	mg/kg	96		SW846 6010B	08/02/07	J3FXQ1CR
	54	64.1	114	mg/kg	94	1.1	SW846 6010B	08/02/07	J3FXQ1CT
			Dilution Factor: 1						
			Analysis Time..: 19:09						
Nickel									
	3.2	64.1	61.7	mg/kg	91		SW846 6010B	08/02/07	J3FXQ1CW
	3.2	64.1	61.4	mg/kg	91	0.45	SW846 6010B	08/02/07	J3FXQ1CX
			Dilution Factor: 1						
			Analysis Time..: 19:09						
Potassium									
	1100	6410	8540	mg/kg	115		SW846 6010B	08/02/07	J3FXQ1CM
	1100	6410	8500	mg/kg	115	0.47	SW846 6010B	08/02/07	J3FXQ1CN
			Dilution Factor: 1						
			Analysis Time..: 19:09						
Selenium									
	ND	256	247	mg/kg	96		SW846 6010B	08/02/07	J3FXQ1C4
	ND	256	240	mg/kg	94	2.6	SW846 6010B	08/02/07	J3FXQ1C5
			Dilution Factor: 1						
			Analysis Time..: 19:09						
Silver									
	ND	6.41	6.31	mg/kg	98		SW846 6010B	08/02/07	J3FXQ1DP
	ND	6.41	6.14	mg/kg	96	2.6	SW846 6010B	08/02/07	J3FXQ1DQ
			Dilution Factor: 1						
			Analysis Time..: 19:09						
Sodium									
	710	6410	7860 N	mg/kg	112		SW846 6010B	08/02/07	J3FXQ1CU
	710	6410	7830	mg/kg	111	0.48	SW846 6010B	08/02/07	J3FXQ1CV
			Dilution Factor: 1						
			Analysis Time..: 19:09						

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7G240162 **Matrix.....:** SO
Date Sampled...: 07/23/07 11:00 **Date Received..:** 07/24/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Thallium									
	ND	256	211	mg/kg	82		SW846 6010B	08/02/07	J3FXQ1C6
	ND	256	210	mg/kg	82	0.23	SW846 6010B	08/02/07	J3FXQ1C7
			Dilution Factor: 1						
			Analysis Time..: 19:09						
Vanadium									
	10	64.1	74.7	mg/kg	101		SW846 6010B	08/02/07	J3FXQ1C8
	10	64.1	74.0	mg/kg	99	0.94	SW846 6010B	08/02/07	J3FXQ1C9
			Dilution Factor: 1						
			Analysis Time..: 19:09						
Zinc									
	13	64.1	73.1	mg/kg	94		SW846 6010B	08/02-08/03/07	J3FXQ1DA
	13	64.1	72.8	mg/kg	94	0.53	SW846 6010B	08/02-08/03/07	J3FXQ1DC
			Dilution Factor: 1						
			Analysis Time..: 15:58						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

N Spiked analyte recovery is outside stated control limits.

METHOD BLANK REPORT

General Chemistry

Client Lot #...: D7G240162 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids		Work Order #: J39H51AA		MB Lot-Sample #:	D7H060000-221	
	ND	10	mg/L	MCAWW 160.1	07/27/07	7218221
		Dilution Factor: 1				
		Analysis Time..: 12:20				
Total Dissolved Solids		Work Order #: J354J1AA		MB Lot-Sample #:	D7G300000-580	
	ND	10	mg/L	MCAWW 160.1	07/30/07	7211580
		Dilution Factor: 1				
		Analysis Time..: 12:40				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Lot-Sample #...: D7G240162 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids		WO#:J354J1AC-LCS/J354J1AD-LCSD				LCS Lot-Sample#: D7G300000-580	
	102	(86 - 106)			MCAWW 160.1	07/30/07	7211580
	103	(86 - 106)	1.2	(0-20)	MCAWW 160.1	07/30/07	7211580

Dilution Factor: 1 Analysis Time..: 12:40

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: D7G240162 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids			WO#:J354J1AC-LCS/J354J1AD-LCSD			LCS Lot-Sample#: D7G300000-580		
	500	508	mg/L	102		MCAWW 160.1	07/30/07	7211580
	500	514	mg/L	103	1.2	MCAWW 160.1	07/30/07	7211580

Dilution Factor: 1 Analysis Time..: 12:40

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: D7G240162 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids		Work Order #: J39H51AC	LCS Lot-Sample#: D7H060000-221		
	106	(86 - 106)	MCAWW 160.1	07/27/07	7218221
		Dilution Factor: 1	Analysis Time..: 12:20		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Client Lot #...: D7G240162 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids			Work Order #: J39H51AC		LCS Lot-Sample#: D7H060000-221		
	500	529	mg/L	106	MCAWW 160.1	07/27/07	7218221
			Dilution Factor: 1		Analysis Time..: 12:20		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D7G240162 **Work Order #...:** J29EW-SMP J29EW-DUP **Matrix.....:** SOLID

Date Sampled...: 07/19/07 09:10 **Date Received..:** 07/20/07

% Moisture.....: 14

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture						SD Lot-Sample #:	D7G200178-011	
	14	14	%	1.4	(0-20)	MCAWW 160.3 MOD	07/25/07	7206252

Dilution Factor: 1 Analysis Time..: 11:00

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D7G240162 **Work Order #...:** J3HRJ-SMP J3HRJ-DUP **Matrix.....:** WATER

Date Sampled...: 07/24/07 17:10 **Date Received..:** 07/25/07

% Moisture.....: 0.0

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids						SD Lot-Sample #:	D7G250154-001	
	550	560	mg/L	2.5	(0-20)	MCAWW 160.1	07/30/07	7211581

Dilution Factor: 1 Analysis Time..: 12:40

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D7G240162 **Work Order #...:** J3FNK-SMP J3FNK-DUP **Matrix.....:** WATER

Date Sampled...: 07/23/07 10:25 **Date Received..:** 07/24/07

% Moisture.....: 0.0

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids						SD Lot-Sample #:	D7G240151-003	
	7300 Q	5600 Q	mg/L	27	(0-20)	MCAWW 160.1	07/27/07	7218221

Dilution Factor: 2 Analysis Time..: 12:20

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

METHOD BLANK REPORT

Radiological

Client Lot #...: D7G240162 **Work Order #...:** J30GT1AA **Matrix.....:** SOLID
MB Lot-Sample #: F7G300000-296

Prep Date.....: 07/30/07 **Analysis Time..:** 04:08
Analysis Date..: 08/03/07 **Prep Batch #...:** 7211296
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Tritium	**1.8 J,E,01**	**100**	**pCi/g**	**EPA 906.0 MOD**

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

J Result is greater than sample detection limit but less than stated reporting limit.

METHOD BLANK REPORT

Radiological

Client Lot #...: D7G240162 **Work Order #...:** J30GK1AA **Matrix.....:** WATER
MB Lot-Sample #: F7G300000-298

Prep Date.....: 08/02/07 **Analysis Time..:** 10:17

Analysis Date..: 08/03/07 **Prep Batch #...:** 7211298
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Tritium	**7.0 E+0,1**	**5.0**	**pCi/L**	**EPA 906.0 MOD**

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

Radiological

Client Lot #...: D7G240162 **Work Order #...:** J30GT1AC **Matrix.....:** SOLID
LCS Lot-Sample#: F7G300000-296
Prep Date.....: 07/30/07 **Analysis Date..:** 08/03/07
Prep Batch #...: 7211296 **Analysis Time..:** 04:08
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Tritium	**0 E+0,1**	**(81 - 111)**	**EPA 906.0 MOD**

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

Radiological

Client Lot #...: D7G240162 **Work Order #...:** J30GT1AC **Matrix.....:** SOLID
LCS Lot-Sample#: F7G300000-296
Prep Date.....: 07/30/07 **Analysis Date..:** 08/03/07
Prep Batch #...: 7211296 **Analysis Time..:** 04:08
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Tritium	**1.70E+01**	**1.53**	**pCi/g**	**0**	**EPA 906.0 MOD**

Qualifiers: E+0,1

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

Radiological

Client Lot #...: D7G240162 **Work Order #...:** J30GK1AC **Matrix.....:** WATER
LCS Lot-Sample#: F7G300000-298
Prep Date.....: 08/02/07 **Analysis Date..:** 08/03/07
Prep Batch #...: 7211298 **Analysis Time..:** 10:17
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Tritium	**0 E+0,3**	**(77 - 115)**	**EPA 906.0 MOD**

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

Radiological

Client Lot #...: D7G240162 **Work Order #...:** J30GK1AC **Matrix.....:** WATER
LCS Lot-Sample#: F7G300000-298
Prep Date.....: 08/02/07 **Analysis Date..:** 08/03/07
Prep Batch #...: 7211298 **Analysis Time..:** 10:17
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Tritium	**5.11E+03**	**4.37**	**pCi/L**	**0**	**EPA 906.0 MOD**

Qualifiers: E+0,3

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

Radiological

Client Lot #...: D7G240162 **Work Order #...:** J3FXQ1D4-MS **Matrix.....:** SO
MS Lot-Sample #: D7G240162-024 J3FXQ1D5-MSD
Date Sampled...: 07/23/07 11:00 **Date Received..:** 07/24/07
Prep Date.....: 07/30/07 **Analysis Date..:** 08/03/07
Prep Batch #...: 7211296 **Analysis Time..:** 04:08
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Tritium	**0 E+0,1**	**(62 - 126)**			**EPA 906.0 MOD**
	E+0,1	**(62 - 126)**		**(0-40)**	**EPA 906.0 MOD**

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

Radiological

Client Lot #...: D7G240162 **Work Order #...:** J3FXQ1D4-MS **Matrix.....:** SO
MS Lot-Sample #: D7G240162-024 J3FXQ1D5-MSD
Date Sampled...: 07/23/07 11:00 **Date Received..:** 07/24/07
Prep Date.....: 07/30/07 **Analysis Date..:** 08/03/07
Prep Batch #...: 7211296 **Analysis Time..:** 04:08
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Tritium	**4.4**	**1.69E+0**	**1.55**	**pCi/g**	**0**		**EPA 906.0 MOD**
	Qualifiers:		E+0,1				
	4.4	**1.68E+0**	**1.56**	**pCi/g**	**E+0,1**		**EPA 906.0 MOD**

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

Radiological

Client Lot #...: D7G240162 **Work Order #...:** J3FT41DV-MS **Matrix.....:** WG
MS Lot-Sample #: D7G240162-003 J3FT41DW-MSD
Date Sampled...: 07/21/07 09:10 **Date Received..:** 07/24/07
Prep Date.....: 08/02/07 **Analysis Date..:** 08/03/07
Prep Batch #...: 7211298 **Analysis Time..:** 10:17
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Tritium	**0 E+0,3**	**(59 - 137)**			**EPA 906.0 MOD**
	E+0,3	**(59 - 137)**		**(0-40)**	**EPA 906.0 MOD**

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

Radiological

Client Lot #...: D7G240162 **Work Order #...:** J3FT41DV-MS **Matrix.....:** WG
MS Lot-Sample #: D7G240162-003 J3FT41DW-MSD
Date Sampled...: 07/21/07 09:10 **Date Received..:** 07/24/07
Prep Date.....: 08/02/07 **Analysis Date..:** 08/03/07
Prep Batch #...: 7211298 **Analysis Time..:** 10:17
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Tritium	**1.5**	**5.11E+0**	**4.84**	**pCi/L**	**0**		**EPA 906.0 MOD**
	Qualifiers:		E+0,3				
	1.5	**5.11E+0**	**4.81**	**pCi/L**	**E+0,3**		**EPA 906.0 MOD**

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

Radiological

Client Lot #...: D7G240162 **Work Order #...:** J3FV71DV-MS **Matrix.....:** WG
MS Lot-Sample #: D7G240162-012 J3FV71DW-MSD
Date Sampled...: 07/23/07 09:20 **Date Received..:** 07/24/07
Prep Date.....: 08/02/07 **Analysis Date..:** 08/03/07
Prep Batch #...: 7211298 **Analysis Time..:** 10:17
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Tritium	**0 E+0,3**	**(59 - 137)**			**EPA 906.0 MOD**
	E+0,3	**(59 - 137)**		**(0-40)**	**EPA 906.0 MOD**

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

Radiological

Client Lot #...: D7G240162 **Work Order #...:** J3FV71DV-MS **Matrix.....:** WG
MS Lot-Sample #: D7G240162-012 J3FV71DW-MSD
Date Sampled...: 07/23/07 09:20 **Date Received..:** 07/24/07
Prep Date.....: 08/02/07 **Analysis Date..:** 08/03/07
Prep Batch #...: 7211298 **Analysis Time..:** 10:17
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Tritium	**3.0**	**5.11E+0**	**4.82**	**pCi/L**	**0**		**EPA 906.0 MOD**
	Qualifiers:		E+0,3				
	3.0	**5.11E+0**	**4.96**	**pCi/L**	**E+0,3**		**EPA 906.0 MOD**

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

METHOD BLANK REPORT

Severn Trent Laboratories - Radiochemistry

Client Lot ID: D7G240162
Matrix: SOLID

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	RL	MDC		Prep Date	Lab Sample ID / Analysis Date
TRITIUM (Distill) by EPA 906.0 MOD			**pCi/g**	**Batch #**	**7211296**	**Yld %**		**F7G300000-296B**
Tritium	-0.18	U	0.26	1.00	0.0		07/30/07	08/03/07

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined using instrument performance only
Bold results are greater than the MDC

U Result is less than the sample detection limit.

METHOD BLANK REPORT

Severn Trent Laboratories - Radiochemistry

Client Lot ID: D7G240162
Matrix: WATER

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	RL	MDC		Prep Date	Lab Sample ID Analysis Date
TRITIUM (Distill) by EPA 906.0 MOD			**pCi/L**	**Batch #**	**7211298**	**Yld %**		**F7G300000-298B**
Tritium	70	U	200	500	370		08/02/07	08/03/07

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined using instrument performance only
Bold results are greater than the MDC

U Result is less than the sample detection limit.

Laboratory Control Sample Report

Severn Trent Laboratories - Radiochemistry

Client Lot ID: D7G240162
Matrix: SOLID

Parameter	Spike Amount	Result	Total Uncert. (2 σ+/-)	MDC	% Yld	% Rec	Lab Sample ID / QC Control Limits
TRITIUM (Distill) by EPA 906.0 MOD			**pCi/g**	**906.0 MOD**			**F7G300000-296C**
Tritium	17.0	15.3	1.7	0.5		90	(81 - 111)
	Batch #:	7211296		**Analysis Date:**	08/03/07		

NOTE(S)

MDC is determined by instrument performance only
Calculations are performed before rounding to avoid round-off error in calculated results

Laboratory Control Sample Report

Severn Trent Laboratories - Radiochemistry

Client Lot ID: D7G240162
Matrix: WATER

Parameter	Spike Amount	Result	Total Uncert. (2 σ+/-)	MDC	% Yld	% Rec	Lab Sample ID / QC Control Limits
TRITIUM (Distill) by EPA 906.0 MOD			**pCi/L**	**906.0 MOD**			**F7G300000-298C**
Tritium	5110	4370	590	380		85	(77 - 115)
	Batch #:	7211298		**Analysis Date:**	08/03/07		

NOTE(S)

MDC is determined by instrument performance only
Calculations are performed before rounding to avoid round-off error in calculated results

MATRIX SPIKE/MATRIX SPIKE DUPLICATE REPORT

Severn Trent Laboratories - Radiochemistry

Client Lot ID: D7G240162
Matrix: SO

Date Sampled: 07/23/07 1100
Date Received: 07/24/07 0900

Parameter		Spike Amount	SPIKE Result	Total Uncert. (2 σ+/-)	Spike Yld	SAMPLE Result		Total Uncert. (2σ +/-)	QC Sample ID % Yld	QC Sample ID %Rec	QC Control Limits
TRITIUM (Distill) by EPA 90				**pCi/g**		**906.0 MOD**				**D7G240162-024**	
Tritium		16.9	15.5	1.8		0.04	U	0.51		92	(62 - 126)
	Spk2	16.8	15.6	1.8		0.04	U	0.51		93	(62 - 126)
									Precision:	0.7	%RPD

Batch #: 7213095 **Analysis date:** 08/03/07

NOTE(S)

Data are incomplete without the case narrative.

Calculations are performed before rounding to avoid round-off error in calculated results

U Result is less than the sample detection limit.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE REPORT

Severn Trent Laboratories - Radiochemistry

Client Lot ID: D7G240162 Date Sampled: 07/21/07 0910
Matrix: WG Date Received: 07/24/07 0900

Parameter		Spike Amount	SPIKE Result	Total Uncert. (2 σ+/-)	Spike Yld	SAMPLE Result		Total Uncert. (2σ +/-)		% Yld	QC Sample ID %Rec	QC Control Limits
TRITIUM (Distill) by EPA 90				**pCi/L**		**906.0 MOD**					**D7G240162-003**	
Tritium		5110	4840	640		-20	U	540			95	(59 - 137)
	Spk2	5110	4810	630		-20	U	540			94	(59 - 137)
									Precision:		0.6	%RPD
		Batch #: 7213092			**Analysis date:**		08/03/07					
TRITIUM (Distill) by EPA 90				**pCi/L**		**906.0 MOD**					**D7G240162-012**	
Tritium		5110	4820	630		30	U	220			94	(59 - 137)
	Spk2	5110	4960	650		30	U	220			96	(59 - 137)
									Precision:		3	%RPD
		Batch #: 7213092			**Analysis date:**		08/03/07					

NOTE(S)

Data are incomplete without the case narrative.

Calculations are performed before rounding to avoid round-off error in calculated results

U Result is less than the sample detection limit.

5.7°C
7/24/07 JR 1

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Chain of Custody and Analytical Request

Project Number: 9050301

Chain of Custody Number [1]: 1

LIMS Number:

Facility/Base I.D.: Hollomon AFB

Project Name / Site Name: ACM-OT32

Client Name: USACE

Collected by: Derrick Berry, Craig McGriff

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code [2]	Sample Number [3]	Sample Matrix [4]	Number of containers	VOC 8260B	SVOC 8270C	Tritium 906.0M	TAL Metals 6010B/7470A	TDS 160.1				Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
OT32-TMW08		20-July-2007	1517	-	N		WG	7	X	X	X	X	X							1
OT32-TMW07		20-July-2007	1550	-	N		WG	7	X	X	X	X	X							1
OT32-TMW06		21-July-2007	0910	-	N		WG	7	X	X	X	X	X							2
OT32-TMW06-a		21-July-2007	0910	-	FD		WG	7	X	X	X	X	X							2
OT32-TMW06-MS		21-July-2007	0910	-	MS		WG	7	X	X	X	X	X							3
OT32-TMW06-MSD		21-July-2007	0910	-	SD		WG	7	X	X	X	X	X							3
OT32-TMW05		21-July-2007	0908	-	N		WG	7	X	X	X	X	X							4
OT32-TMW05-a		21-July-2007	0908	-	FD		WG	7	X	X	X	X	X							4
Trip Blank-Cooler 1		23-July-2007		-			WQ	2	X											1
Trip Blank Cooler 2		23-July-2007		-			WQ	2	X											2
Trip Blank-Cooler 3		23-July-2007		-			WQ	2	X											3
Trip Blank-Cooler 4		23-July-2007					WQ	2	X											4

Sample Analysis Requested [5]

Quality Assurance Samples [6]

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received by (Signed)	Date	Time
1. [signature]	7/23/07	1500	1. [signature]	7.24.07	0900
2.			2.		
3.			3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab: _____ Shipped No.: _____

Method of Shipment: _____ Airbill Number: _____

Analytical Lab: _____ Delivery Location: _____

Lab Recipient: _____ Delivery Date/Time: _____

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)

2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)

3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)

4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc.), SQ = Soil Blanks

5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.

6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control)

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7/24/07 IR 1

Chain of Custody and Analytical Request

Page 1 of 1 (Cooler 3)
Project Number: 9050301

Chain of Custody Number (1): 1
LIMS Number:

Facility/Base I.D.: Hollman AFB
Project Name / Site Name: ACM-OT32
Client Name: USACE
Collected by: Derrick Barry, Craig McGaff

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOC 8260B	SVOC 8270C	Tritium 906.0M	TAL Metals 6010B/7470A 160.1	TDS				Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
OT32-TMW08		20-July-2007	1517	-	N		WG	7	X	X	X	X	X							1
OT32-TMW07		20-July-2007	1550	-	N		WG	7	X	X	X	X	X							1
OT32-TMW06		21-July-2007	0910	-	N		WG	7	X	X	X	X	X							2
OT32-TMW06-a		21-July-2007	0910	-	FD		WG	7	X	X	X	X	X							2
OT32-TMW06-MS		21-July-2007	0910	-	MS		WG	7	X	X	X	X	X							3
OT32-TMW06-MSD		21-July-2007	0910	-	SD		WG	7	X	X	X	X	X							3
OT32-TMW05		21-July-2007	0908	-	N		WG	7	X	X	X	X	X							4
OT32-TMW05-a		21-July-2007	0908	-	FD		WG	7	X	X	X	X	X							4
Trip Blank-Cooler 1		23-July-2007		-			WQ	2	X											1
Trip Blank Cooler 2		23-July-2007		-			WQ	2	X											2
Trip Blank-Cooler 3		23-July-2007		-			WQ	2	X											3
Trip Blank-Cooler 4		23-July-2007					WQ	2	X											4

Sample Analysis Requested (5)
Quality Assurance Samples (6)

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1. [signature]	7/23/07	1500	1. [signature]	7-24-07	0800
2.			2.		
3.			3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab: _____ Shipped No.: _____
Method of Shipment: _____ Airbill Number: _____
Analytical Lab: _____ Delivery Location: _____
Lab Recipient: Delivery Date/Time:

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)
2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)
3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)
4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc.), SQ = Soil Blanks
5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.
6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control)

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Chain of Custody and Analytical Request

Page 1 of K Coolers

Project Number: 9050361

Chain of Custody Number [1]: 1

LIMS Number:

Facility/Base I.D.: Hollomon AFB

Project Name / Site Name: ACM-OT32

Client Name: USACE

Collected by: Derrick Berry, Craig McGriff

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code [2]	Sample Number [3]	Sample Matrix [4]	Number of containers	VOC 8260B	SVOC 8270C	Tritium 9000M	TAL Metals 6010B/7470A	TDS 160.1				Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
OT32-TMW08		20-July-2007	1517	-	N		WG	7	X	X	X	X	X							1
OT32-TMW07		20-July-2007	1550	-	N		WG	7	X	X	X	X	X							1
OT32-TMW06		21-July-2007	0910	-	N		WG	7	X	X	X	X	X							2
OT32-TMW06-a		21-July-2007	0910	-	FD		WG	7	X	X	X	X	X							2
OT32-TMW06-MS		21-July-2007	0910	-	MS		WG	7	X	X	X	X	X							3
OT32-TMW06-MSD		21-July-2007	0910	-	SD		WG	7	X	X	X	X	X							3
OT32-TMW05		21-July-2007	0908	-	N		WG	7	X	X	X	X	X							4
OT32-TMW05-a		21-July-2007	0908	-	FD		WG	7	X	X	X	X	X							4
Trip Blank-Cooler 1		23-July-2007		-			WQ	2	X											1
Trip Blank-Cooler 2		23-July-2007		-			WQ	2	X											2
Trip Blank-Cooler 3		23-July-2007		-			WQ	2	X											3
Trip Blank-Cooler 4		23-July-2007					WQ	2	X											4

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received by (Signed)	Date	Time
1. [signature]	7/23/07	1500	1. [signature]	7-24-07	0900
2.			2.		
3.			3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab: _____ Shipped No.: _____
Method of Shipment: _____ Airbill Number: _____
Analytical Lab: _____ Delivery Location: _____
Lab Recipient: Delivery Date/Time:

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)
2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)
3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)
4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc.), SQ = Soil Blanks
5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.
6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control)

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Chain of Custody and Analytical Request

Page 1 of 1 (Cooler 1)

Project Number: 9050301

Chain of Custody Number (1): 1

LIMS Number:

Facility/Base I.D.: Hollman AFB

Project Name / Site Name: ACM-OT32

Client Name: USACE

Collected by: Derrick Berry, Craig McGaff

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOC 8260B	SVOC 8270C	Tritium 906.0M	TAL Metals 6010B/7470A	TDS 160.1				Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
OT32-TMW08		20-July-2007	1517	-	N		WG	7	X	X	X	X	X							1
OT32-TMW07		20-July-2007	1550	-	N		WG	7	X	X	X	X	X							1
OT32-TMW06		21-July-2007	0910	-	N		WG	7	X	X	X	X	X							2
OT32-TMW06-a		21-July-2007	0910	-	FD		WG	7	X	X	X	X	X							2
OT32-TMW06-MS		21-July-2007	0910	-	MS		WG	7	X	X	X	X	X							3
OT32-TMW06-MSD		21-July-2007	0910	-	SD		WG	7	X	X	X	X	X							3
OT32-TMW05		21-July-2007	0908	-	N		WG	7	X	X	X	X	X							4
OT32-TMW05-a		21-July-2007	0908	-	FD		WG	7	X	X	X	X	X							4
Trip Blank-Cooler 1		23-July-2007		-			WQ	2	X											1
Trip Blank Cooler 2		23-July-2007		-			WQ	2	X											2
Trip Blank-Cooler 3		23-July-2007		-			WQ	2	X											3
Trip Blank-Cooler 4		23-July-2007					WQ	2	X											4

Sample Analysis Requested (5)

Quality Assurance Samples (6)

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1. [signature]	7/23/07	1500	[signature]	7-24-07	0900
2.			2.		
3.			3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab: _____ Shipped No.: _____

Method of Shipment: _____ Airbill Number: _____

Analytical Lab: _____ Delivery Location: _____

Lab Recipient: Delivery Date/Time:

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)

2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)

3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)

4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc.), SQ = Soil Blanks

5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.

6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control)

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Chain of Custody and Analytical Request

Page 1 of 1 (Cooler 17)

Project Number: 9050361

Chain of Custody Number [1]: 2

LIMS Number:

Facility/Base I.D.: Hollaman AFB

Project Name / Site Name: ACM-OT32, RW42

Client Name: USACE

Collected by: Derrick Berry, Greg McGriff

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code [2]	Sample Number [3]	Sample Matrix [4]	Number of containers	VOC 8260B	SVOC 8270C	Tritium 906.0M	TAL Metals 6010B/7470A	TDS					Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
OT32-TMW04		21-July-2007	1138	-	N		WG	8	X	X	X	X	X								5
RW42-MW02		23-July-2007	0920	-	N		WG	8	X	X	X	X	X								6
RW42-MW02-a		23-July-2007	0920	-	FD		WG	8	X	X	X	X	X								6
RW42-MW02-MS		23-July-2007	0920	-	MS		WG	8	X	X	X	X	X								7
RW42-MW02-MSD		23-July-2007	0920	-	SD		WG	8	X	X	X	X	X								7
RW42-MW03		23-July-2007	1145	-	N		WG	8	X	X	X	X	X								8
* Trip Blank-Cooler 5		23-July-2007		-	TB		WQ	2	X												5
Trip Blank-Cooler 6		23-July-2007		-	TB		WQ	2	X												6
Trip Blank-Cooler 7		23-July-2007		-	TB		WQ	2	X												7
Trip Blank-Cooler 8		23-July-2007		-	TB		WQ	2	X												8
				-																	

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received by (Signed)	Date	Time
1. [signature]	7/23/07	1500	1. [signature]	7-24-07	0800
2.			2.		
3.			3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab: _____ Shipped No.: _____

Method of Shipment: _____ Airbill Number: _____

Analytical Lab: _____ Delivery Location: _____

Lab Recipient: Delivery Date/Time:

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)

2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)

3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)

4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc.), SQ = Soil Blanks

5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.

6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control)

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7/24/07 IR1

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Chain of Custody and Analytical Request

Page 1 of 1 (Coolers)

Project Number: 9050361

Chain of Custody Number [1]: 2

LIMS Number:

Facility/Base I.D.: Hollomon AFB

Project Name / Site Name: ACM - OT32, RW42

Client Name: USACE

Collected by: Derrick Borry, Greg McGriff

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code [2]	Sample Number [3]	Sample Matrix [4]	Number of containers	VOC 8260B	SVOC 8270C	Tritium 906.0M	TAL Metals 6010B/7470A	TDS				Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
OT32-TMW04		21-July-2007	1138	-	N		WG	8	X	X	X	X	X							5
RW42-MW02		23-July-2007	0920	-	N		WG	8	X	X	X	X	X							6
RW42-MW02-a		23-July-2007	0920	-	FD		WG	8	X	X	X	X	X							6
RW42-MW02-MS		23-July-2007	0920	-	MS		WG	8	X	X	X	X	X							7
RW42-MW02-MSD		23-July-2007	0920	-	SD		WG	8	X	X	X	X	X							7
RW42-MW03		23-July-2007	1145	-	N		WG	8	X	X	X	X	X							8
Trip Blank-Cooler 5		23-July-2007		-	TB		WQ	2	X											5
Trip Blank-Cooler 6		23-July-2007		-	TB		WQ	2	X											6
Trip Blank-Cooler 7		23-July-2007		-	TB		WQ	2	X											7
Trip Blank-Cooler 8		23-July-2007		-	TB		WQ	2	X											8
				-																

Sample Analysis Requested [5]

Quality Assurance Samples [6]

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1. [signature]	7/23/07	1500	1. [signature]	7.24.07	0800
2.			2.		
3.			3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab: _____ Shipped No.: _____

Method of Shipment: _____ Airbill Number: _____

Analytical Lab: _____ Delivery Location: _____

Lab Recipient: Delivery Date/Time:

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)

2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)

3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)

4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc.), SQ = Soil Blanks

5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.

6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control)

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Chain of Custody and Analytical Request

Page 1 of 1 (Cooler 6)

Project Number: 9050361

Chain of Custody Number [1]: 2

LIMS Number:

Facility/Base I.D.: Hollomon AFB

Project Name / Site Name: ACM-OT32, RW42

Client Name: USACE

Collected by: Derrick Borry, Craig McGriff

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code [2]	Sample Number [3]	Sample Matrix [4]	Number of containers	VOC 8260B	SVOC 8270C	Tri-Xylum 8015 GC/MS	TAL Metals 6010B/7470A	TDS				Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
OT32-TMW04		21-July-2007	1138	-	N		WG	8	X	X	X	X	X							5
RW42-MW02		23-July-2007	0920	-	N		WG	8	X	X	X	X	X							6
RW42-MW02-a		23-July-2007	0920	-	FD		WG	8	X	X	X	X	X							6
RW42-MW02-MS		23-July-2007	0920	-	MS		WG	8	X	X	X	X	X							7
RW42-MW02-MSD		23-July-2007	0920	-	SD		WG	8	X	X	X	X	X							7
RW42-MW03		23-July-2007	1145	-	N		WG	8	X	X	X	X	X							8
Trip Blank-Cooler 5		23-July-2007		-	TB		WQ	2	X											5
Trip Blank-Cooler 6		23-July-2007		-	TB		WQ	2	X											6
Trip Blank-Cooler 7		23-July-2007		-	TB		WQ	2	X											7
Trip Blank-Cooler 8		23-July-2007		-	TB		WQ	2	X											8
				-																

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1. [signature]	7/23/07	1500	1. [signature]	2-24-07	0900
2.			2.		
3.			3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab: _____ Shipped No.: _____
Method of Shipment: _____ Airbill Number: _____
Analytical Lab: _____ Delivery Location: _____
Lab Recipient: Delivery Date/Time:

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)
2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)
3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)
4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc.), SQ = Soil Blanks
5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.
6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control)

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7/24/07 IR1

Chain of Custody and Analytical Request

Page 1 of 1 (Cooler 8)

Project Number: 905036

Chain of Custody Number [1]: 2

LIMS Number:

Facility/Base I.D.: Hollaman AFB

Project Name / Site Name: ACM - OT32, RW42

Client Name: USACE

Collected by: Derrick Barry, Craig McGriff

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code [2]	Sample Number [3]	Sample Matrix [4]	Number of containers	VOC 8260B	SVOC 8270C	Tritium	TAL Metals 6010B/7470A	TDS				Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
OT32-TMW04		21-July-2007	1138	-	N		WG	8	X	X	X	X	X							5
RW42-MW02		23-July-2007	0920	-	N		WG	8	X	X	X	X	X							6
RW42-MW02-a		23-July-2007	0920	-	FD		WG	8	X	X	X	X	X							6
RW42-MW02-MS		23-July-2007	0920	-	MS		WG	8	X	X	X	X	X							7
RW42-MW02-MSD		23-July-2007	0920	-	SD		WG	8	X	X	X	X	X							7
RW42-MW03		23-July-2007	1145	-	N		WG	8	X	X	X	X	X							8
Trip Blank-Cooler 5		23-July-2007		-	TB		WQ	2	X											5
Trip Blank-Cooler 6		23-July-2007		-	TB		WQ	2	X											6
Trip Blank-Cooler 7		23-July-2007		-	TB		WQ	2	X											7
Trip Blank-Cooler 8		23-July-2007		-	TB		WQ	2	X											8
				-																

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received By (Signed)	Date	Time
1. [signature]	7/23/07	1500	1. [signature]	7-24-07	0900
2.			2.		
3.			3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab: _____ Shipped No.: _____
Method of Shipment: _____ Airbill Number: _____
Analytical Lab: _____ Delivery Location: _____
Lab Recipient: Delivery Date/Time:

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)
2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)
3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)
4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc.), SQ = Soil Blanks
5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.
6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control)

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Tel: 205-918-4000
Fax: 205-918-4050

Chain of Custody and Analytical Request

Page 1 of 1 (Cooler)

Project Number: 9050361

Chain of Custody Number (1): 3

LIMS Number:

Facility/Base I.D.: Hollomon AFB

Project Name / Site Name: ACM OT32

Client Name: USACE

Collected by: Derrick Barry, Craig McCarthy, Zach Beck, Dorwood Wolfe

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOC 8260B	SVOC 8270C	Trihum 9060M	TDS 160.1	Ethanol/Glycol/Methanol 8015A	Methanol/Glycol/Methanol 8015A	TPH 8015M	Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
OT32-SB03-15		23-July-2007	0830	10 - 15			SO	7	X	X	X	X	X		X				9
OT32-SB03-25		23-July-2007	0900	20 - 25			SO	7	X	X	X	X	X		X				9
OT32-SB03-25a		23-July-2007	0900	20 - 25			SO	7	X	X	X	X	X		X				9
OT32-SB03-15-d		23-July-2007	0800	10 - 15			WG	13	X	X	X	X		X	X				10
OT32-SB02-10		23-July-2007	1045	5 - 10			SO	7	X	X	X	X	X		X				11
OT32-SB02-25		23-July-2007	1100	20 - 25			SO	7					X		X				11
OT32-SB02-25 MS		23-July-2007	1100	20 - 25			SO	7					X		X				11
OT32-SB02-25 MSD		23-July-2007	1100	20 - 25			SO	7					X		X				11
OT32-SB01-15-d		23-July-2007	1210	10 - 15			WG	13	X	X	X	X		X	X				12
OT32-SB01-15		23-July-2007	1200	10 - 15			SO	7	X	X	X		X		X				13
OT32-SB01-25		23-July-2007	1215	20 - 25			SO	7	X	X	X		X		X				13

COMMENTS: Trip Blank Cooler 9, Cooler 10, Cooler 11, Cooler 12, Cooler 13 7/23/07
WQ - 2 containers - VOC 8260B

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1. [signature]	7/23/07	1500	1. [signature]	7-24-07	800
2.			2.		
3.			3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab: _____ Shipped No.: _____
Method of Shipment: _____ Airbill Number: _____
Analytical Lab: _____ Delivery Location: _____
Lab Recipient: _____ Delivery Date/Time: _____

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)
2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)
3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)
4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc.), SQ = Soil Blanks
5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.
6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control)

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Chain of Custody and Analytical Request

Project Number: 905036

Chain of Custody Number [1]: 3

LIMS Number:

Facility/Base I.D.: Holloman AFB

Project Name / Site Name: ACM OT32

Client Name: USACE

Collected by: Derrick Barry, Craig McCarthy, Zach Beck, Darnard Wolfe

Sample Analysis Requested [5]: 8260B, 8270C, 9056M, 160.1, 7471A, 6010B/7470A, 8015M

Quality Assurance Samples [6]

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code [2]	Sample Number [3]	Sample Matrix [4]	Number of containers	VOC	SVOC	Tritium	TDS	Total Metals (6010B/7470A)	Total Metals (6010B/7470A)	TPH	Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
OT32-SB03-15		23-July-2007	0830	10 - 15			SO	7	X	X	X	X	X		X				9
OT32-SB03-25		23-July-2007	0900	20 - 25			SO	7	X	X	X	X	X		X				9
OT32-SB03-25a		23-July-2007	0900	20 - 25			SO	7	X	X	X	X	X		X				9
OT32-SB03-15-d		23-July-2007	0800	10 - 15			WG	13	X	X	X	X		X	X				10
OT32-SB02-10		23-July-2007	1045	5 - 10			SO	7	X	X	X	X	X		X				11
OT32-SB02-25		23-July-2007	1100	20 - 25			SO	7					X		X				11
OT32-SB02-25 MS		23-July-2007	1100	20 - 25			SO	7					X		X				11
OT32-SB02-25 MSD		23-July-2007	1100	20 - 25			SO	7					X		X				11
OT32-SB01-15-d		23-July-2007	1210	10 - 15			WG	13	X	X	X	X		X	X				12
OT32-SB01-15		23-July-2007	1200	10 - 15			SO	7	X	X	X		X		X				13
OT32-SB01-25		23-July-2007	1215	20 - 25			SO	7	X	X	X		X		X				13

COMMENTS: Trip Blank Cooler 9, Cooler 10, Cooler 11, Cooler 12, Cooler 13 7/23/07
WQ - 2 containers - VOC 8260B

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1. [signature]	7/23/07	1500	1. [signature]	7-24-07	0900
2.			2.		
3.			3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab: _____ Shipped No.: _____
Method of Shipment: _____ Airbill Number: _____
Analytical Lab: _____ Delivery Location: _____
Lab Recipient: _____ Delivery Date/Time: _____

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)
2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)
3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)
4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc.), SQ = Soil Blanks
5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.
6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control)

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Chain of Custody and Analytical Request

Project Number: 9050361

Chain of Custody Number (1): 3

LIMS Number:

Facility/Base I.D.: Hollomon AFB

Project Name / Site Name: ACM OT32

Client Name: USACE

Collected by: Derrick Barry, Craig McCarthy, Zach Beck, Bernard Waite

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOC 8260B	SVOC 8270C	Tritium 906.0M	TDS 160.1	Total Metals 6010B/7471A	Total Metals 6010B/7470A	TPH 8015M	Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
OT32-SB03-15		23-July-2007	0830	10 - 15			SO	7	X	X	X	X	X		X				9
OT32-SB03-25		23-July-2007	0900	20 - 25			SO	7	X	X	X	X	X		X				9
OT32-SB03-25a		23-July-2007	0900	20 - 25			SO	7	X	X	X	X	X		X				9
OT32-SB03-15d		23-July-2007	0800	10 - 15			WG	13	X	X	X	X		X	X				10
OT32-SB02-10		23-July-2007	1045	5 - 10			SO	7	X	X	X	X	X		X				11
OT32-SB02-25		23-July-2007	1100	20 - 25			SO	7					X		X				11
OT32-SB02-25 MS		23-July-2007	1100	20 - 25			SO	7					X		X				11
OT32-SB02-25 MSD		23-July-2007	1100	20 - 25			SO	7					X		X				11
OT32-SB01-15-d		23-July-2007	1210	10 - 15			WG	13	X	X	X	X		X	X				12
OT32-SB01-15		23-July-2007	1200	10 - 15			SO	7	X	X	X		X		X				13
OT32-SB01-25		23-July-2007	1215	20 - 25			SO	7	X	X	X		X		X				13

COMMENTS: Trip Blank Cooler 9, Cooler 10, Cooler 11, Cooler 12, Cooler 13 7/23/07
WQ - 2 containers - VOC 8260B

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1. [signature]	7/23/07	1500	1. [signature]	7-24-07	0800
2.			2.		
3.			3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab: _____ Shipped No.: _____
Method of Shipment: _____ Airbill Number: _____
Analytical Lab: _____ Delivery Location: _____
Lab Recipient: _____ Delivery Date/Time: _____

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)
2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)
3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)
4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc.), SQ = Soil Blanks
5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.
6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control)

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Chain of Custody and Analytical Request

Page 1 of 1 (Coolers)

Project Number: 9050361

Chain of Custody Number (1): 3

LIMS Number:

Facility/Base I.D.: Hollomon AFB

Project Name / Site Name: ACM OT32

Client Name: USACE

Collected by: Derrick Berry, Craig McCarthy, Zach Beck, Dorwood Wolfe

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOC 8260B	SVOC 8270C	Tritium 906.0M	TDS 160.1	Total Metals 6010B/7471A	Total Metals 6010B/7470A	TPH 8015M	Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
OT32-SB03-15		23-July-2007	0830	10 - 15			SO	7	X	X	X	X	X		X				9
OT32-SB03-25		23-July-2007	0900	20 - 25			SO	7	X	X	X	X	X		X				9
OT32-SB03-25a		23-July-2007	0900	20 - 25			SO	7	X	X	X	X	X		X				9
OT32-SB03-15-d		23-July-2007	0800	10 - 15			WG	13	X	X	X	X		X	X				10
OT32-SB02-10		23-July-2007	1045	5 - 10			SO	7	X	X	X	X	X		X				11
OT32-SB02-25		23-July-2007	1100	20 - 25			SO	7					X		X				11
OT32-SB02-25 MS		23-July-2007	1100	20 - 25			SO	7					X		X				11
OT32-SB02-25 MSD		23-July-2007	1100	20 - 25			SO	7					X		X				11
OT32-SB01-15-d		23-July-2007	1210	10 - 15			WG	13	X	X	X	X		X	X				12
OT32-SB01-15		23-July-2007	1200	10 - 15			SO	7	X	X	X		X		X				13
OT32-SB01-25		23-July-2007	1215	20 - 25			SO	7	X	X	X		X		X				13

COMMENTS: Trip Blank Cooler 9, Cooler 10, Cooler 11, Cooler 12, Cooler 13 7/23/07
WQ - 2 containers - VOC 8260B

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1. [signature]	7/23/07	1500	1. [signature]	7/24/07	9900
2.			2.		
3.			3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab: _____ Shipped No.: _____
Method of Shipment: _____ Airbill Number: _____
Analytical Lab: _____ Delivery Location: _____
Lab Recipient: _____ Delivery Date/Time: _____

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)
2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)
3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)
4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc.), SQ = Soil Blanks
5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.
6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control)

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1608 13th Avenue South, Suite 300
Birmingham, Alabama 35205
Tel: 205-918-4000
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Chain of Custody and Analytical Request

Page 1 of 1 (Cooler 9)

Project Number: 9050361

Chain of Custody Number (1): 3

LIMS Number:

Facility/Base I.D.: Holloman AFB

Project Name / Site Name: ACM OT32

Client Name: USACE

Collected by: Derrick Barry, Craig McCarthy, Zach Beck, Dorwood Wolfe

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOC 8260B	SVOC 8270C	Tritium 906.0M	TDS 160.1	Total Metals (200.8/7471A)	Total Metals (6010B/7470A)	TPH 8015M	Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
OT32-SB03-15		23-July-2007	0830	10 - 15			SO	7	X	X	X	X	X		X				9
OT32-SB03-25		23-July-2007	0900	20 - 25			SO	7	X	X	X	X	X		X				9
OT32-SB03-25a		23-July-2007	0900	20 - 25			SO	7	X	X	X	X	X		X				9
OT32-SB03-15-d		23-July-2007	0800	10 - 15			WG	13	X	X	X	X		X	X				10
OT32-SB02-10		23-July-2007	1045	5 - 10			SO	7	X	X	X	X	X		X				11
OT32-SB02-25		23-July-2007	1100	20 - 25			SO	7					X		X				11
OT32-SB02-25 MS		23-July-2007	1100	20 - 25			SO	7					X		X				11
OT32-SB02-25 MSD		23-July-2007	1100	20 - 25			SO	7					X		X				11
OT32-SB01-15-d		23-July-2007	1210	10 - 15			WG	13	X	X	X	X		X	X				12
OT32-SB01-15		23-July-2007	1200	10 - 15			SO	7	X	X	X		X		X				13
OT32-SB01-25		23-July-2007	1215	20 - 25			SO	7	X	X	X		X		X				13

COMMENTS: Trip Blank Cooler 9, Cooler 10, Cooler 11, Cooler 12, Cooler 13 7/23/07
WQ - 2 containers - VOC 8260B

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1. [signature]	7/23/07	1500	1. [signature]	7/24/07	0900
2.			2.		
3.			3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab: _____ Shipped No.: _____
Method of Shipment: _____ Airbill Number: _____
Analytical Lab: _____ Delivery Location: _____
Lab Recipient: _____ Delivery Date/Time: _____

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)
2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)
3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)
4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc.), SQ = Soil Blanks
5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.
6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control)

STL

STL Denver
4955 Yarrow Street
Arvada, CO 80002

Tel: 303 736 0100 Fax: 303 431 7171
www.stl-inc.com

ANALYTICAL REPORT

Holloman AFB, NM

Lot D7G250192

Marcia Olive

Bhate Environmental Associates, Inc.
445 Union Blvd.
Suite 129
Lakewood, CO 80226

TestAmerica DENVER

Juleann L. Kramer for
Michael P. Phillips
Project Manager

August 10, 2007

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Leaders in Environmental Testing

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- **Executive Summary – Detection Highlights**
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CASE NARRATIVE
D7G250192

The following report contains the analytical results for four water samples, five solid samples, and five trip blanks submitted to TestAmerica Denver by Bhate Environmental Associates, Inc. from the Holloman AFB Site. The samples were received July 25, 2007, according to documented sample acceptance procedures.

Dilution factors and footnotes have been provided on each data sheet to assist in the interpretation of the results. In some cases, due to interferences or analytes present above the linear calibration curve, samples must be analyzed at a dilution. For samples analyzed at a dilution, the reporting limits are adjusted relative to the dilution required. Dilutions made for reasons other than the presence of target compound(s) are addressed in the Supplemental Information Section.

TestAmerica Denver utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameters listed on the methods summary page in accordance with the methods indicated. A summary of QC data for these analyses is included near the end of the report.

The results included in this report have been reviewed for compliance with the laboratory QA/QC plan and meet all requirements of NELAC. All data have been found to be compliant with laboratory protocol, with the exception of any items noted below.

Supplemental QC Information

Sample Arrival and Receipt

The samples presented in this report were received at the laboratory in good condition and at temperatures of 5.7°C, 5.3°C, 3.6°C, 5.7°C, and 3.6°C.

One of three VOA vials for sample OT32-TMW03 arrived broken. Sufficient volume remained to perform the requested analysis.

The 8015 DRO volume received for sample OT37-SB13-25-D arrived in sulfuric acid-preserved containers. In order to perform the requested analysis, unpreserved volume was taken from other bottles received for this sample.

No other anomalies were observed.

GC/MS Volatiles, SW846 Method 8260B

Acetone and Methylene chloride were detected in the Trip Blank associated with cooler 3 at a concentration below the project established reporting limit.

All of the other Trip Blanks associated with this set of samples contained no detectable concentrations of the target analytes.

Methylene Chloride was detected in the Method Blank associated with batch 7214323 at a concentration below the project established reporting limit. 2-Butanone was detected in the Method Blank associated with batch 7215228 at a concentration below the project established reporting limit. No corrective action is taken for any values in Method Blanks that are below the requested reporting limits.

The recovery for n-Propylbenzene in batch 7215228 was outside current historical or program control limits in the LCSD, the recovery was within allowed marginal exceedance controls. All

associated samples were non-detect for n-Propylbenzene, no further corrective action was performed.

MS/MSD analyses were performed using a sample from another client and/or lot in batch 7214323, and exhibited recoveries and/or relative percent differences outside the control limits for forty-one compounds. Because the corresponding Laboratory Control Samples and the Method Blank samples were within control limits, these anomalies may be due to matrix interference and no corrective action was taken.

The method required MS/MSD could not be performed for batch 7215228, due to insufficient sample volume submitted. Method precision and accuracy have been verified by the acceptable LCS/LCSD analysis data.

No other anomalies were observed.

GC/MS Semivolatiles, SW846 Method 8270C

MS/MSD analyses were performed using a sample from another client and/or lot in batch 7207139, and exhibited recoveries and/or relative percent differences outside the control limits for seventeen compounds, and two surrogate recoveries outside QC limits. Because the corresponding Laboratory Control Samples and the Method Blank samples were within control limits, these anomalies may be due to matrix interference and no corrective action was taken.

MS/MSD analyses were performed using sample OT37-SB10-5 for batch 7213165, as requested, and all results were in control.

The method required MS/MSD could not be performed for batch 7208174, due to insufficient sample volume submitted. Method precision and accuracy have been verified by the acceptable LCS/LCSD analysis data.

No other anomalies were observed.

GRO/TVPH, SW846 Method 8015B

Sample OT37-SB13-25-D was received with insufficient preservation. The Method 8015 GRO analysis requires that samples for volatile organics analysis are preserved with HCL to pH <2. This sample had a pH of approximately 7.

Laboratory generated matrix spike analysis data have been provided. The MS/MSD associated with batch 7213205 exhibited spike compound recoveries outside the QC limits. The acceptable LCS analysis data indicated that the analytical system was operating within control; therefore, corrective action is deemed unnecessary.

No other anomalies were observed.

DRO/ORO/TEPH, SW846 Method 8015B

DRO/TEPH was detected in the Method Blank associated with QC batches 7205520 and 7206582 at a concentration below the project established reporting limit. No corrective action is taken for any values in Method Blanks that are below the requested reporting limits.

The method required MS/MSD could not be performed for batch 7206582, due to insufficient sample volume submitted. Method precision and accuracy have been verified by the acceptable LCS/LCSD analysis data.

No other anomalies were observed.

PCBs, SW846 Method 8082

The Continuing Calibration Verification (CCV) standards associated with batch 7206563 exhibited %Difference (%D) values out of range, biased high, for Dechlorobiphenyl. This is an indicator that data may be biased high. As no detectable concentrations of target compounds are present in the associated samples and the surrogate Dechlorobiphenyl is in control in all associated samples, corrective action is deemed unnecessary.

MS/MSD analyses for batch 7207306 were performed using sample OT37-SB13-5 and all results were in control.

No other anomalies were observed.

Perchlorate, SW846 Method 6860

Laboratory generated matrix spike analysis data have been provided. The MS/MSD associated with batches 7212140 and 7213214 exhibited spike compound recoveries outside the QC limits. The acceptable LCS analysis data indicated that the analytical system was operating within control; therefore, corrective action is deemed unnecessary.

No other anomalies were observed.

Total Metals, SW846 Methods 6010B/7470A/7471A

Calcium and Zinc were detected in the Method Blank associated with batch 7208138 and Mercury was detected in the Method Blank associated with batch 7209156 at concentrations below the project established reporting limits. No corrective action is taken for any values in Method Blanks that are below the requested reporting limits.

MS/MSD analyses were performed using sample OT32-TMW03 for batch 7208138, as requested and exhibited recoveries outside the control limits for Lead and Thallium. In addition, the percent recoveries and RPD data could not be calculated for Calcium, Magnesium, and Sodium due to the sample concentrations reading greater than four times the spike amounts. Because the corresponding Laboratory Control Samples and the Method Blank samples were within control limits, these anomalies may be due to matrix interference and no corrective action was taken.

No other anomalies were observed.

Total Dissolved Solids and Percent Moisture – MCAWW 160.1 and 160.3MOD

Each sample is analyzed to achieve the lowest possible reporting limit within the constraints of the method. Due to high constituent concentrations, samples OT32-TMW03, OT32-TMW02, and OT32-TMW01 had to be analyzed at dilutions for Total Dissolved Solids. The reporting limits have been adjusted relative to the dilutions required.

No other anomalies were observed.

Tritium – EPA 906.0 MOD

No anomalies were observed.

EXECUTIVE SUMMARY - Detection Highlights

D7G250192

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
OT32-TMW03 07/24/07 08:30 001				
Mercury	0.035 B,J	0.20	ug/L	SW846 7470A
Arsenic	4.6 B	15	ug/L	SW846 6010B
Barium	58	10	ug/L	SW846 6010B
Calcium	560000 J	200	ug/L	SW846 6010B
Cadmium	0.88 B	5.0	ug/L	SW846 6010B
Cobalt	2.1 B	10	ug/L	SW846 6010B
Copper	44	15	ug/L	SW846 6010B
Potassium	12000	3000	ug/L	SW846 6010B
Magnesium	540000	200	ug/L	SW846 6010B
Manganese	240	10	ug/L	SW846 6010B
Sodium	3200000	1000	ug/L	SW846 6010B
Selenium	10 B	15	ug/L	SW846 6010B
Vanadium	13	10	ug/L	SW846 6010B
Zinc	29 J	20	ug/L	SW846 6010B
Bromodichloromethane	0.69 J	1.0	ug/L	SW846 8260B
Chloroform	1.7	1.0	ug/L	SW846 8260B
Total Dissolved Solids	14000 Q	50	mg/L	MCAWW 160.1
OT32-TMW02 07/24/07 09:40 002				
Mercury	0.035 B,J	0.20	ug/L	SW846 7470A
Arsenic	4.6 B	15	ug/L	SW846 6010B
Barium	53	10	ug/L	SW846 6010B
Calcium	490000 J	200	ug/L	SW846 6010B
Cadmium	0.85 B	5.0	ug/L	SW846 6010B
Cobalt	1.4 B	10	ug/L	SW846 6010B
Copper	140	15	ug/L	SW846 6010B
Potassium	6500	3000	ug/L	SW846 6010B
Magnesium	360000	200	ug/L	SW846 6010B
Manganese	98	10	ug/L	SW846 6010B
Sodium	1900000	1000	ug/L	SW846 6010B
Nickel	8.0 B	40	ug/L	SW846 6010B
Vanadium	14	10	ug/L	SW846 6010B
Zinc	34 J	20	ug/L	SW846 6010B
Bromodichloromethane	1.3	1.0	ug/L	SW846 8260B
Chloroform	3.6	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	0.22 J	1.0	ug/L	SW846 8260B
Trichloroethene	3.6	1.0	ug/L	SW846 8260B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

D7G250192

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
OT32-TMW02 07/24/07 09:40 002				
Total Dissolved Solids	9300 Q	40	mg/L	MCAWW 160.1
OT32-TMW01 07/24/07 10:30 003				
Mercury	0.033 B,J	0.20	ug/L	SW846 7470A
Barium	54	10	ug/L	SW846 6010B
Calcium	590000 J	200	ug/L	SW846 6010B
Cadmium	0.54 B	5.0	ug/L	SW846 6010B
Copper	91	15	ug/L	SW846 6010B
Potassium	4600	3000	ug/L	SW846 6010B
Magnesium	180000	200	ug/L	SW846 6010B
Manganese	56	10	ug/L	SW846 6010B
Sodium	240000	1000	ug/L	SW846 6010B
Vanadium	9.9 B	10	ug/L	SW846 6010B
Zinc	59 J	20	ug/L	SW846 6010B
Bromodichloromethane	0.37 J	1.0	ug/L	SW846 8260B
Chloroform	1.2	1.0	ug/L	SW846 8260B
Total Dissolved Solids	4200 Q	20	mg/L	MCAWW 160.1
OT37-SB13-25-D 07/24/07 09:30 004				
Diesel Range Organics (C10-C22	0.060 J,B	0.25	mg/L	SW846 8015B
Mercury	0.030 B,J	0.20	ug/L	SW846 7470A
Barium	3.2 B	10	ug/L	SW846 6010B
Acetone	5.6 J	10	ug/L	SW846 8260B
OT37-SB13-5 07/24/07 09:00 005				
Diesel Range Organics (C10-C22	1.9 J,B	4.4	mg/kg	SW846 8015B
Perchlorate	14000	1100	ng/kg	SW846 6860
Barium	71	1.1	mg/kg	SW846 6010B
Cadmium	0.065 B	0.55	mg/kg	SW846 6010B
Chromium	7.6	1.6	mg/kg	SW846 6010B
Arsenic	1.1 B	2.2	mg/kg	SW846 6010B
Lead	3.7	0.88	mg/kg	SW846 6010B
2-Butanone (MEK)	11 J,B	24	ug/kg	SW846 8260B
Percent Moisture	8.9	0.10	%	MCAWW 160.3 MOD

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

D7G250192

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
OT37-SB13-25 07/24/07 09:30 006				
Diesel Range Organics (C10-C22	2.2 J,B	5.2	mg/kg	SW846 8015B
Barium	71	1.3	mg/kg	SW846 6010B
Chromium	7.9	1.9	mg/kg	SW846 6010B
Arsenic	1.3 B	2.6	mg/kg	SW846 6010B
Lead	3.6	1.0	mg/kg	SW846 6010B
2-Butanone (MEK)	12 J,B	26	ug/kg	SW846 8260B
Percent Moisture	23	0.10	%	MCAWW 160.3 MOD
OT37-SB10-5 07/24/07 10:45 007				
Diesel Range Organics (C10-C22	2.3 J,B	5.4	mg/kg	SW846 8015B
Perchlorate	9700	1400	ng/kg	SW846 6860
Barium	6.8	1.4	mg/kg	SW846 6010B
Lead	0.67 B	1.1	mg/kg	SW846 6010B
Benzo(a)anthracene	48 J	890	ug/kg	SW846 8270C
Chrysene	47 J	890	ug/kg	SW846 8270C
4,6-Dinitro-2-methylphenol	430 J	4500	ug/kg	SW846 8270C
2,4-Dinitrophenol	620 J	4500	ug/kg	SW846 8270C
2,4-Dinitrotoluene	210 J	890	ug/kg	SW846 8270C
4-Nitrophenol	72 J	4500	ug/kg	SW846 8270C
Carbazole	49 J	450	ug/kg	SW846 8270C
2-Butanone (MEK)	14 J,B	32	ug/kg	SW846 8260B
Percent Moisture	26	0.10	%	MCAWW 160.3 MOD
OT37-SB10-30 07/24/07 11:00 008				
Diesel Range Organics (C10-C22	2.2 J,B	5.4	mg/kg	SW846 8015B
Barium	26	1.4	mg/kg	SW846 6010B
Chromium	2.9	2.0	mg/kg	SW846 6010B
Lead	1.8	1.1	mg/kg	SW846 6010B
2-Butanone (MEK)	14 J,B	28	ug/kg	SW846 8260B
Percent Moisture	26	0.10	%	MCAWW 160.3 MOD
OT37-SB10-30A 07/24/07 11:00 009				
Diesel Range Organics (C10-C22	2.4 J,B	5.7	mg/kg	SW846 8015B
Barium	19	1.4	mg/kg	SW846 6010B
Chromium	3.5	2.2	mg/kg	SW846 6010B
Lead	2.2	1.1	mg/kg	SW846 6010B
2-Butanone (MEK)	15 J,B	31	ug/kg	SW846 8260B
Percent Moisture	30	0.10	%	MCAWW 160.3 MOD

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

D7G250192

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
TRIP BLANK-COOLER3 07/24/07 012				
Acetone	2.4 J	10	ug/L	SW846 8260B
Methylene chloride	0.37 J,B	5.0	ug/L	SW846 8260B

METHODS SUMMARY

D7G250192

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Extractable Petroleum Hydrocarbons	SW846 8015B	SW846 3510
Extractable Petroleum Hydrocarbons	SW846 8015B	SW846 3550B
Filterable Residue (TDS)	MCAWW 160.1	MCAWW 160.1
H-3 by Distillation & LSC	EPA 906.0 MOD	
Inductively Coupled Plasma (ICP) Metals	SW846 6010B	SW846 3010A
Inductively Coupled Plasma (ICP) Metals	SW846 6010B	SW846 3050B
Mercury in Liquid Waste (Manual Cold-Vapor)	SW846 7470A	SW846 7470A
Mercury in Solid Waste (Manual Cold-Vapor)	SW846 7471A	SW846 7471A
Percent Moisture	MCAWW 160.3 MOD	MCAWW 160.3 MOD
PCBs by SW-846 8082	SW846 8082	SW846 3510C
PCBs by SW-846 8082	SW846 8082	SW846 3550
Semivolatile Organic Compounds by GC/MS	SW846 8270C	SW846 3520C
Semivolatile Organic Compounds by GC/MS	SW846 8270C	SW846 3550B
SW846 6860 Perchlorate	SW846 6860	SW846 6860
Volatile Organics by GC/MS	SW846 8260B	SW846 5030B/826
Volatile Organics by GC/MS	SW846 8260B	SW846 5035
Volatile Petroleum Hydrocarbons	SW846 8015B	SW846 5030
Volatile Petroleum Hydrocarbons	SW846 8015B	SW846 5035

References:

EPA "EASTERN ENVIRONMENTAL RADIATION FACILITY RADIOCHEMISTRY PROCEDURES MANUAL" US EPA EPA 520/5-84-006 AUGUST 1984

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

METHOD / ANALYST SUMMARY

D7G250192

ANALYTICAL METHOD	ANALYST	ANALYST ID
EPA 906.0 MOD	Staci Epkins	402630
MCAWW 160.1	ReAnna Davis	002266
MCAWW 160.3 MOD	Jay Willms	8091
SW846 6010B	Janel Motichka	002862
SW846 6010B	Janel Motichka	2862
SW846 6010B	Lynn-Anne Trudell	6645
SW846 6860	Tim O'Donnell	000443
SW846 7470A	David Wells	5099
SW846 7471A	David Wells	5099
SW846 8015B	Adam Pavlakovich	003128
SW846 8015B	Heather Dybas	038161
SW846 8082	Teresa L. Williams	002510
SW846 8260B	Dan Appelhans	001008
SW846 8260B	Greg Meier	006004
SW846 8270C	Daniel Kiekel	011370
SW846 8270C	Deborah Coyle	003004

References:

EPA "EASTERN ENVIRONMENTAL RADIATION FACILITY RADIOCHEMISTRY PROCEDURES MANUAL" US EPA EPA 520/5-84-006 AUGUST 1984

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

D7G250192

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J3H70	001	OT32-TMW03	07/24/07	08:30
J3H76	002	OT32-TMW02	07/24/07	09:40
J3H79	003	OT32-TMW01	07/24/07	10:30
J3H8F	004	OT37-SB13-25-D	07/24/07	09:30
J3H8L	005	OT37-SB13-5	07/24/07	09:00
J3H8R	006	OT37-SB13-25	07/24/07	09:30
J3H8X	007	OT37-SB10-5	07/24/07	10:45
J3H82	008	OT37-SB10-30	07/24/07	11:00
J3H83	009	OT37-SB10-30A	07/24/07	11:00
J3H85	010	TRIP BLANK-COOLER1	07/24/07	
J3H87	011	TRIP BLANK-COOLER2	07/24/07	
J3H88	012	TRIP BLANK-COOLER3	07/24/07	
J3H89	013	TRIP BLANK-COOLER4	07/24/07	
J3H9A	014	TRIP BLANK-COOLER5	07/24/07	

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

Bhate Environmental Associates

Client Sample ID: OT32-TMW03

GC/MS Volatiles

Lot-Sample #...: D7G250192-001 **Work Order #...:** J3H701A5 **Matrix.....:** WG
Date Sampled...: 07/24/07 08:30 **Date Received..:** 07/25/07
Prep Date.....: 08/01/07 **Analysis Date..:** 08/01/07
Prep Batch #...: 7214323 **Analysis Time..:** 20:33
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.9
Benzene	ND	1.0	ug/L	0.16
Bromodichloromethane	**0.69 J**	**1.0**	**ug/L**	**0.17**
Bromoform	ND	1.0	ug/L	0.19
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	ND	6.0	ug/L	1.8
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	**1.7**	**1.0**	**ug/L**	**0.16**
Chloromethane	ND	2.0	ug/L	0.30
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	1.0	ug/L	0.14
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	ND	5.0	ug/L	1.4
Methylene chloride	ND	5.0	ug/L	0.32
4-Methyl-2-pentanone	ND	5.0	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.32

(Continued on next page)

Bhate Environmental Associates

Client Sample ID: OT32-TMW03

GC/MS Volatiles

Lot-Sample #...: D7G250192-001 **Work Order #...:** J3H701A5 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	ND	1.0	ug/L	0.17
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	100	(77 - 119)
1,2-Dichloroethane-d4	100	(70 - 127)
4-Bromofluorobenzene	100	(78 - 118)
Toluene-d8	89	(83 - 125)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: OT32-TMW02

GC/MS Volatiles

Lot-Sample #...: D7G250192-002 **Work Order #...:** J3H761AG **Matrix.....:** WG
Date Sampled...: 07/24/07 09:40 **Date Received..:** 07/25/07
Prep Date.....: 08/01/07 **Analysis Date..:** 08/01/07
Prep Batch #...: 7214323 **Analysis Time..:** 20:52
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.9
Benzene	ND	1.0	ug/L	0.16
Bromodichloromethane	**1.3**	**1.0**	**ug/L**	**0.17**
Bromoform	ND	1.0	ug/L	0.19
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	ND	6.0	ug/L	1.8
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	**3.6**	**1.0**	**ug/L**	**0.16**
Chloromethane	ND	2.0	ug/L	0.30
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	**0.22 J**	**1.0**	**ug/L**	**0.14**
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	ND	5.0	ug/L	1.4
Methylene chloride	ND	5.0	ug/L	0.32
4-Methyl-2-pentanone	ND	5.0	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.32

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Bhate Environmental Associates

Client Sample ID: OT32-TMW02

GC/MS Volatiles

Lot-Sample #...: D7G250192-002 **Work Order #...:** J3H761AG **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	**3.6**	**1.0**	**ug/L**	**0.16**
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	ND	1.0	ug/L	0.17
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	98	(77 - 119)
1,2-Dichloroethane-d4	98	(70 - 127)
4-Bromofluorobenzene	99	(78 - 118)
Toluene-d8	93	(83 - 125)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: OT32-TMW01

GC/MS Volatiles

Lot-Sample #...: D7G250192-003 **Work Order #...:** J3H791AG **Matrix.....:** WG
Date Sampled...: 07/24/07 10:30 **Date Received..:** 07/25/07
Prep Date.....: 08/01/07 **Analysis Date..:** 08/01/07
Prep Batch #...: 7214323 **Analysis Time..:** 21:10
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.9
Benzene	ND	1.0	ug/L	0.16
Bromodichloromethane	**0.37 J**	**1.0**	**ug/L**	**0.17**
Bromoform	ND	1.0	ug/L	0.19
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	ND	6.0	ug/L	1.8
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	**1.2**	**1.0**	**ug/L**	**0.16**
Chloromethane	ND	2.0	ug/L	0.30
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	1.0	ug/L	0.14
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	ND	5.0	ug/L	1.4
Methylene chloride	ND	5.0	ug/L	0.32
4-Methyl-2-pentanone	ND	5.0	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.32

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Bhate Environmental Associates

Client Sample ID: OT32-TMW01

GC/MS Volatiles

Lot-Sample #...: D7G250192-003 **Work Order #...:** J3H791AG **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	ND	1.0	ug/L	0.17
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	98	(77 - 119)
1,2-Dichloroethane-d4	96	(70 - 127)
4-Bromofluorobenzene	98	(78 - 118)
Toluene-d8	94	(83 - 125)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: OT37-SB13-25-D

GC/MS Volatiles

Lot-Sample #...: D7G250192-004 **Work Order #...:** J3H8F1AN **Matrix.....:** WQ
Date Sampled...: 07/24/07 09:30 **Date Received..:** 07/25/07
Prep Date.....: 08/01/07 **Analysis Date..:** 08/01/07
Prep Batch #...: 7214323 **Analysis Time..:** 21:28
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**5.6 J**	**10**	**ug/L**	**1.9**
Benzene	ND	1.0	ug/L	0.16
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	1.0	ug/L	0.19
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	ND	6.0	ug/L	1.8
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	2.0	ug/L	0.30
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	1.0	ug/L	0.14
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	ND	5.0	ug/L	1.4
Methylene chloride	ND	5.0	ug/L	0.32
4-Methyl-2-pentanone	ND	5.0	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.32

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Bhate Environmental Associates

Client Sample ID: OT37-SB13-25-D

GC/MS Volatiles

Lot-Sample #...: D7G250192-004 **Work Order #...:** J3H8F1AN **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	ND	1.0	ug/L	0.17
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	98	(77 - 119)
1,2-Dichloroethane-d4	96	(70 - 127)
4-Bromofluorobenzene	103	(78 - 118)
Toluene-d8	105	(83 - 125)

NOTE(S):

J Estimated result. Result is less than RL.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: OT37-SB13-5

GC/MS Volatiles

Lot-Sample #...: D7G250192-005 **Work Order #...:** J3H8L1AR **Matrix.....:** SO
Date Sampled...: 07/24/07 09:00 **Date Received..:** 07/25/07
Prep Date.....: 07/25/07 **Analysis Date..:** 08/02/07
Prep Batch #...: 7215228 **Analysis Time..:** 15:54
Dilution Factor: 1.08

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	24	ug/kg	6.4
Benzene	ND	5.9	ug/kg	0.56
Bromodichloromethane	ND	5.9	ug/kg	0.26
Bromoform	ND	5.9	ug/kg	0.27
Bromomethane	ND	12	ug/kg	0.59
2-Butanone (MEK)	**11 J,B**	**24**	**ug/kg**	**2.2**
Carbon tetrachloride	ND	5.9	ug/kg	0.75
Chlorobenzene	ND	5.9	ug/kg	0.64
Chloroethane	ND	12	ug/kg	1.1
Chloroform	ND	12	ug/kg	0.34
Chloromethane	ND	12	ug/kg	0.91
Dibromomethane	ND	5.9	ug/kg	1.0
1,2-Dibromoethane (EDB)	ND	5.9	ug/kg	0.62
1,2-Dichlorobenzene	ND	5.9	ug/kg	0.53
1,3-Dichlorobenzene	ND	5.9	ug/kg	0.57
1,4-Dichlorobenzene	ND	5.9	ug/kg	0.92
Dichlorodifluoromethane	ND	12	ug/kg	0.62
1,1-Dichloroethane	ND	5.9	ug/kg	0.25
1,2-Dichloroethane	ND	5.9	ug/kg	0.83
1,1-Dichloroethene	ND	5.9	ug/kg	0.70
1,2-Dichloroethene (total)	ND	5.9	ug/kg	0.46
cis-1,2-Dichloroethene	ND	3.0	ug/kg	0.66
trans-1,2-Dichloroethene	ND	3.0	ug/kg	0.46
1,2-Dichloropropane	ND	5.9	ug/kg	0.65
cis-1,3-Dichloropropene	ND	5.9	ug/kg	1.5
trans-1,3-Dichloropropene	ND	5.9	ug/kg	0.79
Ethylbenzene	ND	5.9	ug/kg	0.79
2-Hexanone	ND	24	ug/kg	5.8
Methylene chloride	ND	5.9	ug/kg	0.89
4-Methyl-2-pentanone	ND	24	ug/kg	5.2
Styrene	ND	5.9	ug/kg	0.75
1,1,1,2-Tetrachloroethane	ND	5.9	ug/kg	0.66
1,1,2,2-Tetrachloroethane	ND	5.9	ug/kg	0.72
Tetrachloroethene	ND	5.9	ug/kg	0.70
Toluene	ND	5.9	ug/kg	0.82
1,2,4-Trichlorobenzene	ND	5.9	ug/kg	0.87

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Bhate Environmental Associates

Client Sample ID: OT37-SB13-5

GC/MS Volatiles

Lot-Sample #...: D7G250192-005 **Work Order #...:** J3H8L1AR **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	5.9	ug/kg	0.62
1,1,2-Trichloroethane	ND	5.9	ug/kg	1.0
Trichloroethene	ND	5.9	ug/kg	0.27
Trichlorofluoromethane	ND	12	ug/kg	1.2
1,2,3-Trichloropropane	ND	5.9	ug/kg	0.96
Vinyl chloride	ND	5.9	ug/kg	1.6
Xylenes (total)	ND	5.9	ug/kg	0.72
n-Butylbenzene	ND	5.9	ug/kg	0.66
sec-Butylbenzene	ND	5.9	ug/kg	0.91
Isopropylbenzene	ND	5.9	ug/kg	0.70
1,2,4-Trimethylbenzene	ND	5.9	ug/kg	0.69
1,3,5-Trimethylbenzene	ND	5.9	ug/kg	0.68
n-Propylbenzene	ND	5.9	ug/kg	0.69
tert-Butylbenzene	ND	5.9	ug/kg	0.59
Dibromochloromethane	ND	5.9	ug/kg	0.68
2-Chlorotoluene	ND	5.9	ug/kg	0.60
4-Chlorotoluene	ND	5.9	ug/kg	0.92
1,2-Dibromo-3-chloropropane (DBCP)	ND	12	ug/kg	0.71
1,3-Dichloropropane	ND	5.9	ug/kg	0.60
2,2-Dichloropropane	ND	5.9	ug/kg	0.52
1,1-Dichloropropene	ND	5.9	ug/kg	0.64
Hexachlorobutadiene	ND	5.9	ug/kg	0.65
4-Isopropyltoluene	ND	5.9	ug/kg	0.58
Methyl tert-butyl ether	ND	24	ug/kg	0.40
1,2,3-Trichlorobenzene	ND	5.9	ug/kg	0.89
m-Xylene & p-Xylene	ND	3.0	ug/kg	1.2
o-Xylene	ND	3.0	ug/kg	0.72
Bromobenzene	ND	5.9	ug/kg	0.58
Bromochloromethane	ND	5.9	ug/kg	0.36
Naphthalene	ND	5.9	ug/kg	0.75

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	104	(75 - 121)
1,2-Dichloroethane-d4	86	(58 - 140)
4-Bromofluorobenzene	96	(76 - 127)
Toluene-d8	98	(80 - 126)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: OT37-SB13-25

GC/MS Volatiles

Lot-Sample #...: D7G250192-006 **Work Order #...:** J3H8R1AR **Matrix.....:** SO
Date Sampled...: 07/24/07 09:30 **Date Received..:** 07/25/07
Prep Date.....: 07/25/07 **Analysis Date..:** 08/02/07
Prep Batch #...: 7215228 **Analysis Time..:** 16:18
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	26	ug/kg	7.0
Benzene	ND	6.5	ug/kg	0.61
Bromodichloromethane	ND	6.5	ug/kg	0.28
Bromoform	ND	6.5	ug/kg	0.30
Bromomethane	ND	13	ug/kg	0.65
2-Butanone (MEK)	**12 J,B**	**26**	**ug/kg**	**2.4**
Carbon tetrachloride	ND	6.5	ug/kg	0.81
Chlorobenzene	ND	6.5	ug/kg	0.70
Chloroethane	ND	13	ug/kg	1.1
Chloroform	ND	13	ug/kg	0.37
Chloromethane	ND	13	ug/kg	0.99
Dibromomethane	ND	6.5	ug/kg	1.1
1,2-Dibromoethane (EDB)	ND	6.5	ug/kg	0.67
1,2-Dichlorobenzene	ND	6.5	ug/kg	0.58
1,3-Dichlorobenzene	ND	6.5	ug/kg	0.62
1,4-Dichlorobenzene	ND	6.5	ug/kg	1.0
Dichlorodifluoromethane	ND	13	ug/kg	0.67
1,1-Dichloroethane	ND	6.5	ug/kg	0.27
1,2-Dichloroethane	ND	6.5	ug/kg	0.90
1,1-Dichloroethene	ND	6.5	ug/kg	0.76
1,2-Dichloroethene (total)	ND	6.5	ug/kg	0.50
cis-1,2-Dichloroethene	ND	3.2	ug/kg	0.72
trans-1,2-Dichloroethene	ND	3.2	ug/kg	0.50
1,2-Dichloropropane	ND	6.5	ug/kg	0.71
cis-1,3-Dichloropropene	ND	6.5	ug/kg	1.7
trans-1,3-Dichloropropene	ND	6.5	ug/kg	0.87
Ethylbenzene	ND	6.5	ug/kg	0.87
2-Hexanone	ND	26	ug/kg	6.3
Methylene chloride	ND	6.5	ug/kg	0.97
4-Methyl-2-pentanone	ND	26	ug/kg	5.6
Styrene	ND	6.5	ug/kg	0.81
1,1,1,2-Tetrachloroethane	ND	6.5	ug/kg	0.72
1,1,2,2-Tetrachloroethane	ND	6.5	ug/kg	0.79
Tetrachloroethene	ND	6.5	ug/kg	0.76
Toluene	ND	6.5	ug/kg	0.89
1,2,4-Trichlorobenzene	ND	6.5	ug/kg	0.94

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Bhate Environmental Associates

Client Sample ID: OT37-SB13-25

GC/MS Volatiles

Lot-Sample #...: D7G250192-006 **Work Order #...:** J3H8R1AR **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	6.5	ug/kg	0.67
1,1,2-Trichloroethane	ND	6.5	ug/kg	1.1
Trichloroethene	ND	6.5	ug/kg	0.30
Trichlorofluoromethane	ND	13	ug/kg	1.3
1,2,3-Trichloropropane	ND	6.5	ug/kg	1.0
Vinyl chloride	ND	6.5	ug/kg	1.7
Xylenes (total)	ND	6.5	ug/kg	0.79
n-Butylbenzene	ND	6.5	ug/kg	0.72
sec-Butylbenzene	ND	6.5	ug/kg	0.99
Isopropylbenzene	ND	6.5	ug/kg	0.76
1,2,4-Trimethylbenzene	ND	6.5	ug/kg	0.75
1,3,5-Trimethylbenzene	ND	6.5	ug/kg	0.74
n-Propylbenzene	ND	6.5	ug/kg	0.75
tert-Butylbenzene	ND	6.5	ug/kg	0.65
Dibromochloromethane	ND	6.5	ug/kg	0.74
2-Chlorotoluene	ND	6.5	ug/kg	0.66
4-Chlorotoluene	ND	6.5	ug/kg	1.0
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/kg	0.78
1,3-Dichloropropane	ND	6.5	ug/kg	0.66
2,2-Dichloropropane	ND	6.5	ug/kg	0.57
1,1-Dichloropropene	ND	6.5	ug/kg	0.70
Hexachlorobutadiene	ND	6.5	ug/kg	0.71
4-Isopropyltoluene	ND	6.5	ug/kg	0.63
Methyl tert-butyl ether	ND	26	ug/kg	0.44
1,2,3-Trichlorobenzene	ND	6.5	ug/kg	0.97
m-Xylene & p-Xylene	ND	3.2	ug/kg	1.3
o-Xylene	ND	3.2	ug/kg	0.79
Bromobenzene	ND	6.5	ug/kg	0.63
Bromochloromethane	ND	6.5	ug/kg	0.39
Naphthalene	ND	6.5	ug/kg	0.81

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	117	(75 - 121)
1,2-Dichloroethane-d4	95	(58 - 140)
4-Bromofluorobenzene	109	(76 - 127)
Toluene-d8	112	(80 - 126)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: OT37-SB10-5

GC/MS Volatiles

Lot-Sample #...: D7G250192-007 **Work Order #...:** J3H8X1AR **Matrix.....:** SO
Date Sampled...: 07/24/07 10:45 **Date Received..:** 07/25/07
Prep Date.....: 07/25/07 **Analysis Date..:** 08/02/07
Prep Batch #...: 7215228 **Analysis Time..:** 16:42
Dilution Factor: 1.17

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	32	ug/kg	8.5
Benzene	ND	7.9	ug/kg	0.74
Bromodichloromethane	ND	7.9	ug/kg	0.35
Bromoform	ND	7.9	ug/kg	0.36
Bromomethane	ND	16	ug/kg	0.79
2-Butanone (MEK)	**14 J,B**	**32**	**ug/kg**	**2.9**
Carbon tetrachloride	ND	7.9	ug/kg	1.0
Chlorobenzene	ND	7.9	ug/kg	0.85
Chloroethane	ND	16	ug/kg	1.4
Chloroform	ND	16	ug/kg	0.46
Chloromethane	ND	16	ug/kg	1.2
Dibromomethane	ND	7.9	ug/kg	1.3
1,2-Dibromoethane (EDB)	ND	7.9	ug/kg	0.82
1,2-Dichlorobenzene	ND	7.9	ug/kg	0.71
1,3-Dichlorobenzene	ND	7.9	ug/kg	0.76
1,4-Dichlorobenzene	ND	7.9	ug/kg	1.2
Dichlorodifluoromethane	ND	16	ug/kg	0.82
1,1-Dichloroethane	ND	7.9	ug/kg	0.33
1,2-Dichloroethane	ND	7.9	ug/kg	1.1
1,1-Dichloroethene	ND	7.9	ug/kg	0.93
1,2-Dichloroethene (total)	ND	7.9	ug/kg	0.62
cis-1,2-Dichloroethene	ND	4.0	ug/kg	0.89
trans-1,2-Dichloroethene	ND	4.0	ug/kg	0.62
1,2-Dichloropropane	ND	7.9	ug/kg	0.87
cis-1,3-Dichloropropene	ND	7.9	ug/kg	2.0
trans-1,3-Dichloropropene	ND	7.9	ug/kg	1.1
Ethylbenzene	ND	7.9	ug/kg	1.1
2-Hexanone	ND	32	ug/kg	7.7
Methylene chloride	ND	7.9	ug/kg	1.2
4-Methyl-2-pentanone	ND	32	ug/kg	6.9
Styrene	ND	7.9	ug/kg	1.0
1,1,1,2-Tetrachloroethane	ND	7.9	ug/kg	0.89
1,1,2,2-Tetrachloroethane	ND	7.9	ug/kg	0.97
Tetrachloroethene	ND	7.9	ug/kg	0.93
Toluene	ND	7.9	ug/kg	1.1
1,2,4-Trichlorobenzene	ND	7.9	ug/kg	1.2

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Bhate Environmental Associates

Client Sample ID: OT37-SB10-5

GC/MS Volatiles

Lot-Sample #...: D7G250192-007 **Work Order #...:** J3H8X1AR **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	7.9	ug/kg	0.82
1,1,2-Trichloroethane	ND	7.9	ug/kg	1.4
Trichloroethene	ND	7.9	ug/kg	0.36
Trichlorofluoromethane	ND	16	ug/kg	1.6
1,2,3-Trichloropropane	ND	7.9	ug/kg	1.3
Vinyl chloride	ND	7.9	ug/kg	2.1
Xylenes (total)	ND	7.9	ug/kg	0.97
n-Butylbenzene	ND	7.9	ug/kg	0.89
sec-Butylbenzene	ND	7.9	ug/kg	1.2
Isopropylbenzene	ND	7.9	ug/kg	0.93
1,2,4-Trimethylbenzene	ND	7.9	ug/kg	0.92
1,3,5-Trimethylbenzene	ND	7.9	ug/kg	0.90
n-Propylbenzene	ND	7.9	ug/kg	0.92
tert-Butylbenzene	ND	7.9	ug/kg	0.79
Dibromochloromethane	ND	7.9	ug/kg	0.90
2-Chlorotoluene	ND	7.9	ug/kg	0.81
4-Chlorotoluene	ND	7.9	ug/kg	1.2
1,2-Dibromo-3-chloropropane (DBCP)	ND	16	ug/kg	0.95
1,3-Dichloropropane	ND	7.9	ug/kg	0.81
2,2-Dichloropropane	ND	7.9	ug/kg	0.70
1,1-Dichloropropene	ND	7.9	ug/kg	0.85
Hexachlorobutadiene	ND	7.9	ug/kg	0.87
4-Isopropyltoluene	ND	7.9	ug/kg	0.78
Methyl tert-butyl ether	ND	32	ug/kg	0.54
1,2,3-Trichlorobenzene	ND	7.9	ug/kg	1.2
m-Xylene & p-Xylene	ND	4.0	ug/kg	1.6
o-Xylene	ND	4.0	ug/kg	0.97
Bromobenzene	ND	7.9	ug/kg	0.78
Bromochloromethane	ND	7.9	ug/kg	0.47
Naphthalene	ND	7.9	ug/kg	1.0

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	116	(75 - 121)
1,2-Dichloroethane-d4	98	(58 - 140)
4-Bromofluorobenzene	107	(76 - 127)
Toluene-d8	110	(80 - 126)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: OT37-SB10-30

GC/MS Volatiles

Lot-Sample #...: D7G250192-008 **Work Order #...:** J3H821AR **Matrix.....:** SO
Date Sampled...: 07/24/07 11:00 **Date Received..:** 07/25/07
Prep Date.....: 07/25/07 **Analysis Date..:** 08/02/07
Prep Batch #...: 7215228 **Analysis Time..:** 17:06
Dilution Factor: 1.03

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	28	ug/kg	7.5
Benzene	ND	7.0	ug/kg	0.65
Bromodichloromethane	ND	7.0	ug/kg	0.31
Bromoform	ND	7.0	ug/kg	0.32
Bromomethane	ND	14	ug/kg	0.70
2-Butanone (MEK)	**14 J,B**	**28**	**ug/kg**	**2.5**
Carbon tetrachloride	ND	7.0	ug/kg	0.88
Chlorobenzene	ND	7.0	ug/kg	0.75
Chloroethane	ND	14	ug/kg	1.2
Chloroform	ND	14	ug/kg	0.40
Chloromethane	ND	14	ug/kg	1.1
Dibromomethane	ND	7.0	ug/kg	1.2
1,2-Dibromoethane (EDB)	ND	7.0	ug/kg	0.72
1,2-Dichlorobenzene	ND	7.0	ug/kg	0.63
1,3-Dichlorobenzene	ND	7.0	ug/kg	0.67
1,4-Dichlorobenzene	ND	7.0	ug/kg	1.1
Dichlorodifluoromethane	ND	14	ug/kg	0.72
1,1-Dichloroethane	ND	7.0	ug/kg	0.29
1,2-Dichloroethane	ND	7.0	ug/kg	0.97
1,1-Dichloroethene	ND	7.0	ug/kg	0.82
1,2-Dichloroethene (total)	ND	7.0	ug/kg	0.54
cis-1,2-Dichloroethene	ND	3.5	ug/kg	0.78
trans-1,2-Dichloroethene	ND	3.5	ug/kg	0.54
1,2-Dichloropropane	ND	7.0	ug/kg	0.77
cis-1,3-Dichloropropene	ND	7.0	ug/kg	1.8
trans-1,3-Dichloropropene	ND	7.0	ug/kg	0.93
Ethylbenzene	ND	7.0	ug/kg	0.93
2-Hexanone	ND	28	ug/kg	6.8
Methylene chloride	ND	7.0	ug/kg	1.0
4-Methyl-2-pentanone	ND	28	ug/kg	6.1
Styrene	ND	7.0	ug/kg	0.88
1,1,1,2-Tetrachloroethane	ND	7.0	ug/kg	0.78
1,1,2,2-Tetrachloroethane	ND	7.0	ug/kg	0.85
Tetrachloroethene	ND	7.0	ug/kg	0.82
Toluene	ND	7.0	ug/kg	0.96
1,2,4-Trichloro-benzene	ND	7.0	ug/kg	1.0

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Bhate Environmental Associates

Client Sample ID: OT37-SB10-30

GC/MS Volatiles

Lot-Sample #...: D7G250192-008 **Work Order #...:** J3H821AR **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	7.0	ug/kg	0.72
1,1,2-Trichloroethane	ND	7.0	ug/kg	1.2
Trichloroethene	ND	7.0	ug/kg	0.32
Trichlorofluoromethane	ND	14	ug/kg	1.4
1,2,3-Trichloropropane	ND	7.0	ug/kg	1.1
Vinyl chloride	ND	7.0	ug/kg	1.9
Xylenes (total)	ND	7.0	ug/kg	0.85
n-Butylbenzene	ND	7.0	ug/kg	0.78
sec-Butylbenzene	ND	7.0	ug/kg	1.1
Isopropylbenzene	ND	7.0	ug/kg	0.82
1,2,4-Trimethylbenzene	ND	7.0	ug/kg	0.81
1,3,5-Trimethylbenzene	ND	7.0	ug/kg	0.79
n-Propylbenzene	ND	7.0	ug/kg	0.81
tert-Butylbenzene	ND	7.0	ug/kg	0.70
Dibromochloromethane	ND	7.0	ug/kg	0.79
2-Chlorotoluene	ND	7.0	ug/kg	0.71
4-Chlorotoluene	ND	7.0	ug/kg	1.1
1,2-Dibromo-3-chloropropane (DBCP)	ND	14	ug/kg	0.84
1,3-Dichloropropane	ND	7.0	ug/kg	0.71
2,2-Dichloropropane	ND	7.0	ug/kg	0.61
1,1-Dichloropropene	ND	7.0	ug/kg	0.75
Hexachlorobutadiene	ND	7.0	ug/kg	0.77
4-Isopropyltoluene	ND	7.0	ug/kg	0.68
Methyl tert-butyl ether	ND	28	ug/kg	0.47
1,2,3-Trichlorobenzene	ND	7.0	ug/kg	1.0
m-Xylene & p-Xylene	ND	3.5	ug/kg	1.4
o-Xylene	ND	3.5	ug/kg	0.85
Bromobenzene	ND	7.0	ug/kg	0.68
Bromochloromethane	ND	7.0	ug/kg	0.42
Naphthalene	ND	7.0	ug/kg	0.88

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	117	(75 - 121)
1,2-Dichloroethane-d4	97	(58 - 140)
4-Bromofluorobenzene	110	(76 - 127)
Toluene-d8	113	(80 - 126)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: OT37-SB10-30A

GC/MS Volatiles

Lot-Sample #...: D7G250192-009 **Work Order #...:** J3H831AR **Matrix.....:** SO
Date Sampled...: 07/24/07 11:00 **Date Received..:** 07/25/07
Prep Date.....: 07/25/07 **Analysis Date..:** 08/02/07
Prep Batch #...: 7215228 **Analysis Time..:** 17:29
Dilution Factor: 1.09
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	31	ug/kg	8.4
Benzene	ND	7.8	ug/kg	0.74
Bromodichloromethane	ND	7.8	ug/kg	0.34
Bromoform	ND	7.8	ug/kg	0.36
Bromomethane	ND	16	ug/kg	0.78
2-Butanone (MEK)	**15 J,B**	**31**	**ug/kg**	**2.9**
Carbon tetrachloride	ND	7.8	ug/kg	0.99
Chlorobenzene	ND	7.8	ug/kg	0.85
Chloroethane	ND	16	ug/kg	1.4
Chloroform	ND	16	ug/kg	0.45
Chloromethane	ND	16	ug/kg	1.2
Dibromomethane	ND	7.8	ug/kg	1.3
1,2-Dibromoethane (EDB)	ND	7.8	ug/kg	0.81
1,2-Dichlorobenzene	ND	7.8	ug/kg	0.70
1,3-Dichlorobenzene	ND	7.8	ug/kg	0.75
1,4-Dichlorobenzene	ND	7.8	ug/kg	1.2
Dichlorodifluoromethane	ND	16	ug/kg	0.81
1,1-Dichloroethane	ND	7.8	ug/kg	0.33
1,2-Dichloroethane	ND	7.8	ug/kg	1.1
1,1-Dichloroethene	ND	7.8	ug/kg	0.92
1,2-Dichloroethene (total)	ND	7.8	ug/kg	0.61
cis-1,2-Dichloroethene	ND	3.9	ug/kg	0.88
trans-1,2-Dichloroethene	ND	3.9	ug/kg	0.61
1,2-Dichloropropane	ND	7.8	ug/kg	0.86
cis-1,3-Dichloropropene	ND	7.8	ug/kg	2.0
trans-1,3-Dichloropropene	ND	7.8	ug/kg	1.0
Ethylbenzene	ND	7.8	ug/kg	1.0
2-Hexanone	ND	31	ug/kg	7.7
Methylene chloride	ND	7.8	ug/kg	1.2
4-Methyl-2-pentanone	ND	31	ug/kg	6.8
Styrene	ND	7.8	ug/kg	0.99
1,1,1,2-Tetrachloroethane	ND	7.8	ug/kg	0.88
1,1,2,2-Tetrachloroethane	ND	7.8	ug/kg	0.96
Tetrachloroethene	ND	7.8	ug/kg	0.92
Toluene	ND	7.8	ug/kg	1.1
1,2,4-Trichlorobenzene	ND	7.8	ug/kg	1.1

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Bhate Environmental Associates

Client Sample ID: OT37-SB10-30A

GC/MS Volatiles

Lot-Sample #...: D7G250192-009 **Work Order #...:** J3H831AR **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	7.8	ug/kg	0.81
1,1,2-Trichloroethane	ND	7.8	ug/kg	1.4
Trichloroethene	ND	7.8	ug/kg	0.36
Trichlorofluoromethane	ND	16	ug/kg	1.6
1,2,3-Trichloropropane	ND	7.8	ug/kg	1.3
Vinyl chloride	ND	7.8	ug/kg	2.1
Xylenes (total)	ND	7.8	ug/kg	0.96
n-Butylbenzene	ND	7.8	ug/kg	0.88
sec-Butylbenzene	ND	7.8	ug/kg	1.2
Isopropylbenzene	ND	7.8	ug/kg	0.92
1,2,4-Trimethylbenzene	ND	7.8	ug/kg	0.91
1,3,5-Trimethylbenzene	ND	7.8	ug/kg	0.89
n-Propylbenzene	ND	7.8	ug/kg	0.91
tert-Butylbenzene	ND	7.8	ug/kg	0.78
Dibromochloromethane	ND	7.8	ug/kg	0.89
2-Chlorotoluene	ND	7.8	ug/kg	0.80
4-Chlorotoluene	ND	7.8	ug/kg	1.2
1,2-Dibromo-3-chloropropane (DBCP)	ND	16	ug/kg	0.94
1,3-Dichloropropane	ND	7.8	ug/kg	0.80
2,2-Dichloropropane	ND	7.8	ug/kg	0.69
1,1-Dichloropropene	ND	7.8	ug/kg	0.85
Hexachlorobutadiene	ND	7.8	ug/kg	0.86
4-Isopropyltoluene	ND	7.8	ug/kg	0.77
Methyl tert-butyl ether	ND	31	ug/kg	0.53
1,2,3-Trichlorobenzene	ND	7.8	ug/kg	1.2
m-Xylene & p-Xylene	ND	3.9	ug/kg	1.6
o-Xylene	ND	3.9	ug/kg	0.96
Bromobenzene	ND	7.8	ug/kg	0.77
Bromochloromethane	ND	7.8	ug/kg	0.47
Naphthalene	ND	7.8	ug/kg	0.99

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	115	(75 - 121)
1,2-Dichloroethane-d4	93	(58 - 140)
4-Bromofluorobenzene	108	(76 - 127)
Toluene-d8	112	(80 - 126)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: TRIP BLANK-COOLER1

GC/MS Volatiles

Lot-Sample #...: D7G250192-010 **Work Order #...:** J3H851AA **Matrix.....:** WQ
Date Sampled...: 07/24/07 **Date Received..:** 07/25/07
Prep Date.....: 08/01/07 **Analysis Date..:** 08/01/07
Prep Batch #...: 7214323 **Analysis Time..:** 21:47
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.9
Benzene	ND	1.0	ug/L	0.16
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	1.0	ug/L	0.19
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	ND	6.0	ug/L	1.8
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	2.0	ug/L	0.30
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	1.0	ug/L	0.14
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	ND	5.0	ug/L	1.4
Methylene chloride	ND	5.0	ug/L	0.32
4-Methyl-2-pentanone	ND	5.0	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.32

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Bhate Environmental Associates

Client Sample ID: TRIP BLANK-COOLER1

GC/MS Volatiles

Lot-Sample #...: D7G250192-010 **Work Order #...:** J3H851AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	ND	1.0	ug/L	0.17
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	93	(77 - 119)
1,2-Dichloroethane-d4	86	(70 - 127)
4-Bromofluorobenzene	97	(78 - 118)
Toluene-d8	96	(83 - 125)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: TRIP BLANK-COOLER2

GC/MS Volatiles

Lot-Sample #...: D7G250192-011
Date Sampled...: 07/24/07
Prep Date.....: 08/01/07
Prep Batch #...: 7214323
Dilution Factor: 1

Work Order #...: J3H871AA
Date Received..: 07/25/07
Analysis Date..: 08/01/07
Analysis Time..: 22:05

Matrix.....: WQ

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.9
Benzene	ND	1.0	ug/L	0.16
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	1.0	ug/L	0.19
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	ND	6.0	ug/L	1.8
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	2.0	ug/L	0.30
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	1.0	ug/L	0.14
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	ND	5.0	ug/L	1.4
Methylene chloride	ND	5.0	ug/L	0.32
4-Methyl-2-pentanone	ND	5.0	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,2,4-Trichlorobenzene	ND	1.0	ug/L	0.32

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Bhate Environmental Associates

Client Sample ID: TRIP BLANK-COOLER2

GC/MS Volatiles

Lot-Sample #...: D7G250192-011 **Work Order #...:** J3H871AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	ND	1.0	ug/L	0.17
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	97	(77 - 119)
1,2-Dichloroethane-d4	93	(70 - 127)
4-Bromofluorobenzene	92	(78 - 118)
Toluene-d8	94	(83 - 125)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: TRIP BLANK-COOLER3

GC/MS Volatiles

Lot-Sample #...: D7G250192-012 **Work Order #...:** J3H881AA **Matrix.....:** WQ
Date Sampled...: 07/24/07 **Date Received..:** 07/25/07
Prep Date.....: 08/01/07 **Analysis Date..:** 08/01/07
Prep Batch #...: 7214323 **Analysis Time..:** 22:24
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**2.4 J**	**10**	**ug/L**	**1.9**
Benzene	ND	1.0	ug/L	0.16
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	1.0	ug/L	0.19
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	ND	6.0	ug/L	1.8
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	2.0	ug/L	0.30
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	1.0	ug/L	0.14
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	ND	5.0	ug/L	1.4
Methylene chloride	**0.37 J,B**	**5.0**	**ug/L**	**0.32**
4-Methyl-2-pentanone	ND	5.0	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.32

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Bhate Environmental Associates

Client Sample ID: TRIP BLANK-COOLER3

GC/MS Volatiles

Lot-Sample #...: D7G250192-012 **Work Order #...:** J3H881AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	ND	1.0	ug/L	0.17
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	99	(77 - 119)
1,2-Dichloroethane-d4	97	(70 - 127)
4-Bromofluorobenzene	105	(78 - 118)
Toluene-d8	106	(83 - 125)

NOTE(S):

J Estimated result. Result is less than RL.

ND: The analyte was analyzed for, but not detected.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: TRIP BLANK-COOLER4

GC/MS Volatiles

Lot-Sample #...: D7G250192-013
Date Sampled...: 07/24/07
Prep Date.....: 08/01/07
Prep Batch #...: 7214323
Dilution Factor: 1

Work Order #...: J3H891AA
Date Received..: 07/25/07
Analysis Date..: 08/01/07
Analysis Time..: 22:42

Matrix.....: WQ

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.9
Benzene	ND	1.0	ug/L	0.16
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	1.0	ug/L	0.19
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	ND	6.0	ug/L	1.8
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	2.0	ug/L	0.30
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	1.0	ug/L	0.14
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	ND	5.0	ug/L	1.4
Methylene chloride	ND	5.0	ug/L	0.32
4-Methyl-2-pentanone	ND	5.0	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,2,4-Trichlorobenzene	ND	1.0	ug/L	0.32

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Bhate Environmental Associates

Client Sample ID: TRIP BLANK-COOLER4

GC/MS Volatiles

Lot-Sample #...: D7G250192-013 **Work Order #...:** J3H891AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	ND	1.0	ug/L	0.17
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	96	(77 - 119)
1,2-Dichloroethane-d4	97	(70 - 127)
4-Bromofluorobenzene	105	(78 - 118)
Toluene-d8	106	(83 - 125)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: TRIP BLANK-COOLER5

GC/MS Volatiles

Lot-Sample #...: D7G250192-014
Date Sampled...: 07/24/07
Prep Date.....: 08/01/07
Prep Batch #...: 7214323
Dilution Factor: 1

Work Order #...: J3H9A1AA
Date Received..: 07/25/07
Analysis Date..: 08/01/07
Analysis Time..: 23:00

Matrix.....: WQ

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.9
Benzene	ND	1.0	ug/L	0.16
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	1.0	ug/L	0.19
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	ND	6.0	ug/L	1.8
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	2.0	ug/L	0.30
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	1.0	ug/L	0.14
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	ND	5.0	ug/L	1.4
Methylene chloride	ND	5.0	ug/L	0.32
4-Methyl-2-pentanone	ND	5.0	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.32

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Bhate Environmental Associates

Client Sample ID: TRIP BLANK-COOLER5

GC/MS Volatiles

Lot-Sample #...: D7G250192-014 **Work Order #...:** J3H9A1AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	ND	1.0	ug/L	0.17
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	92	(77 - 119)
1,2-Dichloroethane-d4	89	(70 - 127)
4-Bromofluorobenzene	105	(78 - 118)
Toluene-d8	97	(83 - 125)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: OT32-TMW03

GC/MS Semivolatiles

Lot-Sample #...: D7G250192-001 **Work Order #...:** J3H701A3 **Matrix.....:** WG
Date Sampled...: 07/24/07 08:30 **Date Received..:** 07/25/07
Prep Date.....: 07/27/07 **Analysis Date..:** 08/07/07
Prep Batch #...: 7208174 **Analysis Time..:** 13:18
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	10	ug/L	0.28
Acenaphthylene	ND	10	ug/L	0.49
Acetophenone	ND	10	ug/L	0.41
Anthracene	ND	10	ug/L	0.42
Benzo(a)anthracene	ND	10	ug/L	0.35
Benzo(b)fluoranthene	ND	10	ug/L	0.39
Benzo(k)fluoranthene	ND	10	ug/L	0.46
Benzo(ghi)perylene	ND	10	ug/L	0.50
Benzo(a)pyrene	ND	10	ug/L	0.74
bis(2-Chloroethoxy) methane	ND	10	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	10	ug/L	0.41
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	0.56
4-Bromophenyl phenyl ether	ND	10	ug/L	0.43
Butyl benzyl phthalate	ND	20	ug/L	1.0
4-Chloroaniline	ND	20	ug/L	2.0
4-Chloro-3-methylphenol	ND	20	ug/L	2.0
2-Chloronaphthalene	ND	10	ug/L	0.31
2-Chlorophenol	ND	10	ug/L	0.38
4-Chlorophenyl phenyl ether	ND	10	ug/L	0.65
Chrysene	ND	10	ug/L	0.54
Dibenz(a,h)anthracene	ND	10	ug/L	0.51
Dibenzofuran	ND	10	ug/L	0.29
Di-n-butyl phthalate	ND	20	ug/L	1.2
3,3'-Dichlorobenzidine	ND	20	ug/L	2.0
2,4-Dichlorophenol	ND	10	ug/L	1.3
Diethyl phthalate	ND	20	ug/L	0.38
2,4-Dimethylphenol	ND	10	ug/L	0.57
Dimethyl phthalate	ND	20	ug/L	1.0
4,6-Dinitro-2-methylphenol	ND	60	ug/L	0.35
2,4-Dinitrophenol	ND	60	ug/L	20
2,4-Dinitrotoluene	ND	20	ug/L	0.25
2,6-Dinitrotoluene	ND	20	ug/L	0.23

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Bhate Environmental Associates

Client Sample ID: OT32-TMW03

GC/MS Semivolatiles

Lot-Sample #...: D7G250192-001 **Work Order #...:** J3H701A3 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	20	ug/L	0.35
Fluoranthene	ND	20	ug/L	0.20
Fluorene	ND	10	ug/L	0.31
Hexachlorobenzene	ND	10	ug/L	0.66
Hexachlorocyclopenta-diene	ND	10	ug/L	1.5
Hexachloroethane	ND	10	ug/L	0.46
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	0.65
2-Methylnaphthalene	ND	10	ug/L	0.29
2-Methylphenol	ND	10	ug/L	0.98
Naphthalene	ND	10	ug/L	0.29
2-Nitroaniline	ND	50	ug/L	0.32
3-Nitroaniline	ND	50	ug/L	2.0
4-Nitroaniline	ND	50	ug/L	1.0
Nitrobenzene	ND	20	ug/L	0.81
2-Nitrophenol	ND	20	ug/L	2.0
4-Nitrophenol	ND	50	ug/L	1.7
N-Nitrosodiphenylamine	ND	10	ug/L	0.44
N-Nitrosodi-n-propyl-amine	ND	20	ug/L	0.35
Pentachlorophenol	ND	60	ug/L	20
Phenanthrene	ND	10	ug/L	0.26
Phenol	ND	10	ug/L	0.31
Pyrene	ND	10	ug/L	0.37
2,4,5-Trichloro-phenol	ND	20	ug/L	0.39
2,4,6-Trichloro-phenol	ND	20	ug/L	0.37
bis(2-Chloroisopropyl) ether	ND	10	ug/L	0.43
4-Methylphenol	ND	20	ug/L	0.74
Hexachlorobutadiene	ND	10	ug/L	0.51
Caprolactam	ND	20	ug/L	5.0
Atrazine	ND	50	ug/L	5.0
Carbazole	ND	10	ug/L	0.43

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	72	(51 - 120)
Phenol-d5	76	(51 - 120)
Nitrobenzene-d5	73	(48 - 120)
2-Fluorobiphenyl	70	(49 - 120)
2,4,6-Tribromophenol	90	(57 - 120)
Terphenyl-d14	90	(61 - 120)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: OT32-TMW02

GC/MS Semivolatiles

Lot-Sample #...: D7G250192-002 **Work Order #...:** J3H761AE **Matrix.....:** WG
Date Sampled...: 07/24/07 09:40 **Date Received..:** 07/25/07
Prep Date.....: 07/27/07 **Analysis Date..:** 08/07/07
Prep Batch #...: 7208174 **Analysis Time..:** 13:38
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	10	ug/L	0.28
Acenaphthylene	ND	10	ug/L	0.49
Acetophenone	ND	10	ug/L	0.41
Anthracene	ND	10	ug/L	0.42
Benzo(a)anthracene	ND	10	ug/L	0.35
Benzo(b)fluoranthene	ND	10	ug/L	0.39
Benzo(k)fluoranthene	ND	10	ug/L	0.46
Benzo(ghi)perylene	ND	10	ug/L	0.50
Benzo(a)pyrene	ND	10	ug/L	0.74
bis(2-Chloroethoxy) methane	ND	10	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	10	ug/L	0.41
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	0.56
4-Bromophenyl phenyl ether	ND	10	ug/L	0.43
Butyl benzyl phthalate	ND	20	ug/L	1.0
4-Chloroaniline	ND	20	ug/L	2.0
4-Chloro-3-methylphenol	ND	20	ug/L	2.0
2-Chloronaphthalene	ND	10	ug/L	0.31
2-Chlorophenol	ND	10	ug/L	0.38
4-Chlorophenyl phenyl ether	ND	10	ug/L	0.65
Chrysene	ND	10	ug/L	0.54
Dibenz(a,h)anthracene	ND	10	ug/L	0.51
Dibenzofuran	ND	10	ug/L	0.29
Di-n-butyl phthalate	ND	20	ug/L	1.2
3,3'-Dichlorobenzidine	ND	20	ug/L	2.0
2,4-Dichlorophenol	ND	10	ug/L	1.3
Diethyl phthalate	ND	20	ug/L	0.38
2,4-Dimethylphenol	ND	10	ug/L	0.57
Dimethyl phthalate	ND	20	ug/L	1.0
4,6-Dinitro-2-methylphenol	ND	60	ug/L	0.35
2,4-Dinitrophenol	ND	60	ug/L	20
2,4-Dinitrotoluene	ND	20	ug/L	0.25
2,6-Dinitrotoluene	ND	20	ug/L	0.23

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Bhate Environmental Associates

Client Sample ID: OT32-TMW02

GC/MS Semivolatiles

Lot-Sample #...: D7G250192-002 **Work Order #...:** J3H761AE **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	20	ug/L	0.35
Fluoranthene	ND	20	ug/L	0.20
Fluorene	ND	10	ug/L	0.31
Hexachlorobenzene	ND	10	ug/L	0.66
Hexachlorocyclopenta-diene	ND	10	ug/L	1.5
Hexachloroethane	ND	10	ug/L	0.46
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	0.65
2-Methylnaphthalene	ND	10	ug/L	0.29
2-Methylphenol	ND	10	ug/L	0.98
Naphthalene	ND	10	ug/L	0.29
2-Nitroaniline	ND	50	ug/L	0.32
3-Nitroaniline	ND	50	ug/L	2.0
4-Nitroaniline	ND	50	ug/L	1.0
Nitrobenzene	ND	20	ug/L	0.81
2-Nitrophenol	ND	20	ug/L	2.0
4-Nitrophenol	ND	50	ug/L	1.7
N-Nitrosodiphenylamine	ND	10	ug/L	0.44
N-Nitrosodi-n-propyl-amine	ND	20	ug/L	0.35
Pentachlorophenol	ND	60	ug/L	20
Phenanthrene	ND	10	ug/L	0.26
Phenol	ND	10	ug/L	0.31
Pyrene	ND	10	ug/L	0.37
2,4,5-Trichloro-phenol	ND	20	ug/L	0.39
2,4,6-Trichloro-phenol	ND	20	ug/L	0.37
bis(2-Chloroisopropyl) ether	ND	10	ug/L	0.43
4-Methylphenol	ND	20	ug/L	0.74
Hexachlorobutadiene	ND	10	ug/L	0.51
Caprolactam	ND	20	ug/L	5.0
Atrazine	ND	50	ug/L	5.0
Carbazole	ND	10	ug/L	0.43

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	75	(51 - 120)
Phenol-d5	79	(51 - 120)
Nitrobenzene-d5	77	(48 - 120)
2-Fluorobiphenyl	75	(49 - 120)
2,4,6-Tribromophenol	95	(57 - 120)
Terphenyl-d14	93	(61 - 120)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: OT32-TMW01

GC/MS Semivolatiles

Lot-Sample #...: D7G250192-003 **Work Order #...:** J3H791AE **Matrix.....:** WG
Date Sampled...: 07/24/07 10:30 **Date Received..:** 07/25/07
Prep Date.....: 07/27/07 **Analysis Date..:** 08/07/07
Prep Batch #...: 7208174 **Analysis Time..:** 13:58
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	10	ug/L	0.28
Acenaphthylene	ND	10	ug/L	0.49
Acetophenone	ND	10	ug/L	0.41
Anthracene	ND	10	ug/L	0.42
Benzo(a)anthracene	ND	10	ug/L	0.35
Benzo(b)fluoranthene	ND	10	ug/L	0.39
Benzo(k)fluoranthene	ND	10	ug/L	0.46
Benzo(ghi)perylene	ND	10	ug/L	0.50
Benzo(a)pyrene	ND	10	ug/L	0.74
bis(2-Chloroethoxy) methane	ND	10	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	10	ug/L	0.41
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	0.56
4-Bromophenyl phenyl ether	ND	10	ug/L	0.43
Butyl benzyl phthalate	ND	20	ug/L	1.0
4-Chloroaniline	ND	20	ug/L	2.0
4-Chloro-3-methylphenol	ND	20	ug/L	2.0
2-Chloronaphthalene	ND	10	ug/L	0.31
2-Chlorophenol	ND	10	ug/L	0.38
4-Chlorophenyl phenyl ether	ND	10	ug/L	0.65
Chrysene	ND	10	ug/L	0.54
Dibenz(a,h)anthracene	ND	10	ug/L	0.51
Dibenzofuran	ND	10	ug/L	0.29
Di-n-butyl phthalate	ND	20	ug/L	1.2
3,3'-Dichlorobenzidine	ND	20	ug/L	2.0
2,4-Dichlorophenol	ND	10	ug/L	1.3
Diethyl phthalate	ND	20	ug/L	0.38
2,4-Dimethylphenol	ND	10	ug/L	0.57
Dimethyl phthalate	ND	20	ug/L	1.0
4,6-Dinitro-2-methylphenol	ND	60	ug/L	0.35
2,4-Dinitrophenol	ND	60	ug/L	20
2,4-Dinitrotoluene	ND	20	ug/L	0.25
2,6-Dinitrotoluene	ND	20	ug/L	0.23

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Bhate Environmental Associates

Client Sample ID: OT32-TMW01

GC/MS Semivolatiles

Lot-Sample #...: D7G250192-003 **Work Order #...:** J3H791AE **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	20	ug/L	0.35
Fluoranthene	ND	20	ug/L	0.20
Fluorene	ND	10	ug/L	0.31
Hexachlorobenzene	ND	10	ug/L	0.66
Hexachlorocyclopenta-diene	ND	10	ug/L	1.5
Hexachloroethane	ND	10	ug/L	0.46
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	0.65
2-Methylnaphthalene	ND	10	ug/L	0.29
2-Methylphenol	ND	10	ug/L	0.98
Naphthalene	ND	10	ug/L	0.29
2-Nitroaniline	ND	50	ug/L	0.32
3-Nitroaniline	ND	50	ug/L	2.0
4-Nitroaniline	ND	50	ug/L	1.0
Nitrobenzene	ND	20	ug/L	0.81
2-Nitrophenol	ND	20	ug/L	2.0
4-Nitrophenol	ND	50	ug/L	1.7
N-Nitrosodiphenylamine	ND	10	ug/L	0.44
N-Nitrosodi-n-propyl-amine	ND	20	ug/L	0.35
Pentachlorophenol	ND	60	ug/L	20
Phenanthrene	ND	10	ug/L	0.26
Phenol	ND	10	ug/L	0.31
Pyrene	ND	10	ug/L	0.37
2,4,5-Trichloro-phenol	ND	20	ug/L	0.39
2,4,6-Trichloro-phenol	ND	20	ug/L	0.37
bis(2-Chloroisopropyl) ether	ND	10	ug/L	0.43
4-Methylphenol	ND	20	ug/L	0.74
Hexachlorobutadiene	ND	10	ug/L	0.51
Caprolactam	ND	20	ug/L	5.0
Atrazine	ND	50	ug/L	5.0
Carbazole	ND	10	ug/L	0.43

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	74	(51 - 120)
Phenol-d5	81	(51 - 120)
Nitrobenzene-d5	79	(48 - 120)
2-Fluorobiphenyl	75	(49 - 120)
2,4,6-Tribromophenol	98	(57 - 120)
Terphenyl-d14	98	(61 - 120)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: OT37-SB13-25-D

GC/MS Semivolatiles

Lot-Sample #...: D7G250192-004 **Work Order #...:** J3H8F1AM **Matrix.....:** WQ
Date Sampled...: 07/24/07 09:30 **Date Received..:** 07/25/07
Prep Date.....: 07/27/07 **Analysis Date..:** 08/07/07
Prep Batch #...: 7208174 **Analysis Time..:** 14:18
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	10	ug/L	0.28
Acenaphthylene	ND	10	ug/L	0.49
Acetophenone	ND	10	ug/L	0.41
Anthracene	ND	10	ug/L	0.42
Benzo(a)anthracene	ND	10	ug/L	0.35
Benzo(b)fluoranthene	ND	10	ug/L	0.39
Benzo(k)fluoranthene	ND	10	ug/L	0.46
Benzo(ghi)perylene	ND	10	ug/L	0.50
Benzo(a)pyrene	ND	10	ug/L	0.74
bis(2-Chloroethoxy) methane	ND	10	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	10	ug/L	0.41
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	0.56
4-Bromophenyl phenyl ether	ND	10	ug/L	0.43
Butyl benzyl phthalate	ND	20	ug/L	1.0
4-Chloroaniline	ND	20	ug/L	2.0
4-Chloro-3-methylphenol	ND	20	ug/L	2.0
2-Chloronaphthalene	ND	10	ug/L	0.31
2-Chlorophenol	ND	10	ug/L	0.38
4-Chlorophenyl phenyl ether	ND	10	ug/L	0.65
Chrysene	ND	10	ug/L	0.54
Dibenz(a,h)anthracene	ND	10	ug/L	0.51
Dibenzofuran	ND	10	ug/L	0.29
Di-n-butyl phthalate	ND	20	ug/L	1.2
3,3'-Dichlorobenzidine	ND	20	ug/L	2.0
2,4-Dichlorophenol	ND	10	ug/L	1.3
Diethyl phthalate	ND	20	ug/L	0.38
2,4-Dimethylphenol	ND	10	ug/L	0.57
Dimethyl phthalate	ND	20	ug/L	1.0
4,6-Dinitro-2-methylphenol	ND	60	ug/L	0.35
2,4-Dinitrophenol	ND	60	ug/L	20
2,4-Dinitrotoluene	ND	20	ug/L	0.25
2,6-Dinitrotoluene	ND	20	ug/L	0.23

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Bhate Environmental Associates

Client Sample ID: OT37-SB13-25-D

GC/MS Semivolatiles

Lot-Sample #...: D7G250192-004 **Work Order #...:** J3H8F1AM **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	20	ug/L	0.35
Fluoranthene	ND	20	ug/L	0.20
Fluorene	ND	10	ug/L	0.31
Hexachlorobenzene	ND	10	ug/L	0.66
Hexachlorocyclopenta-diene	ND	10	ug/L	1.5
Hexachloroethane	ND	10	ug/L	0.46
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	0.65
2-Methylnaphthalene	ND	10	ug/L	0.29
2-Methylphenol	ND	10	ug/L	0.98
Naphthalene	ND	10	ug/L	0.29
2-Nitroaniline	ND	50	ug/L	0.32
3-Nitroaniline	ND	50	ug/L	2.0
4-Nitroaniline	ND	50	ug/L	1.0
Nitrobenzene	ND	20	ug/L	0.81
2-Nitrophenol	ND	20	ug/L	2.0
4-Nitrophenol	ND	50	ug/L	1.7
N-Nitrosodiphenylamine	ND	10	ug/L	0.44
N-Nitrosodi-n-propyl-amine	ND	20	ug/L	0.35
Pentachlorophenol	ND	60	ug/L	20
Phenanthrene	ND	10	ug/L	0.26
Phenol	ND	10	ug/L	0.31
Pyrene	ND	10	ug/L	0.37
2,4,5-Trichloro-phenol	ND	20	ug/L	0.39
2,4,6-Trichloro-phenol	ND	20	ug/L	0.37
bis(2-Chloroisopropyl) ether	ND	10	ug/L	0.43
4-Methylphenol	ND	20	ug/L	0.74
Hexachlorobutadiene	ND	10	ug/L	0.51
Caprolactam	ND	20	ug/L	5.0
Atrazine	ND	50	ug/L	5.0
Carbazole	ND	10	ug/L	0.43

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	76	(51 - 120)
Phenol-d5	81	(51 - 120)
Nitrobenzene-d5	78	(48 - 120)
2-Fluorobiphenyl	77	(49 - 120)
2,4,6-Tribromophenol	90	(57 - 120)
Terphenyl-d14	91	(61 - 120)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: OT37-SB13-5

GC/MS Semivolatiles

Lot-Sample #...: D7G250192-005 **Work Order #...:** J3H8L1AN **Matrix.....:** SO
Date Sampled...: 07/24/07 09:00 **Date Received..:** 07/25/07
Prep Date.....: 07/26/07 **Analysis Date..:** 07/31/07
Prep Batch #...: 7207139 **Analysis Time..:** 16:20
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	360	ug/kg	11
Acenaphthylene	ND	360	ug/kg	19
Acetophenone	ND	360	ug/kg	22
Anthracene	ND	360	ug/kg	19
Benzo(a)anthracene	ND	720	ug/kg	22
Benzo(b)fluoranthene	ND	720	ug/kg	29
Benzo(k)fluoranthene	ND	720	ug/kg	44
Benzo(ghi)perylene	ND	720	ug/kg	18
Benzo(a)pyrene	ND	720	ug/kg	22
bis(2-Chloroethoxy) methane	ND	360	ug/kg	25
bis(2-Chloroethyl)-ether	ND	720	ug/kg	18
bis(2-Ethylhexyl) phthalate	ND	720	ug/kg	50
4-Bromophenyl phenyl ether	ND	720	ug/kg	21
Butyl benzyl phthalate	ND	720	ug/kg	47
4-Chloroaniline	ND	1400	ug/kg	23
4-Chloro-3-methylphenol	ND	1400	ug/kg	26
2-Chloronaphthalene	ND	360	ug/kg	11
2-Chlorophenol	ND	720	ug/kg	23
4-Chlorophenyl phenyl ether	ND	720	ug/kg	23
Chrysene	ND	720	ug/kg	30
Dibenz(a,h)anthracene	ND	720	ug/kg	21
Dibenzofuran	ND	720	ug/kg	22
Di-n-butyl phthalate	ND	720	ug/kg	32
3,3'-Dichlorobenzidine	ND	1400	ug/kg	55
2,4-Dichlorophenol	ND	720	ug/kg	11
Diethyl phthalate	ND	720	ug/kg	29
2,4-Dimethylphenol	ND	720	ug/kg	29
Dimethyl phthalate	ND	720	ug/kg	25
4,6-Dinitro-2-methylphenol	ND	3600	ug/kg	55
2,4-Dinitrophenol	ND	3600	ug/kg	55
2,4-Dinitrotoluene	ND	720	ug/kg	25
2,6-Dinitrotoluene	ND	720	ug/kg	31

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Bhate Environmental Associates

Client Sample ID: OT37-SB13-5

GC/MS Semivolatiles

Lot-Sample #...: D7G250192-005 **Work Order #...:** J3H8L1AN **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	720	ug/kg	16
Fluoranthene	ND	720	ug/kg	40
Fluorene	ND	720	ug/kg	20
Hexachlorobenzene	ND	720	ug/kg	32
Hexachlorocyclopenta-diene	ND	720	ug/kg	55
Hexachloroethane	ND	720	ug/kg	23
Indeno(1,2,3-cd)pyrene	ND	720	ug/kg	24
2-Methylnaphthalene	ND	720	ug/kg	21
2-Methylphenol	ND	720	ug/kg	14
Naphthalene	ND	720	ug/kg	34
2-Nitroaniline	ND	3600	ug/kg	55
3-Nitroaniline	ND	3600	ug/kg	55
4-Nitroaniline	ND	3600	ug/kg	80
Nitrobenzene	ND	720	ug/kg	24
2-Nitrophenol	ND	720	ug/kg	11
4-Nitrophenol	ND	3600	ug/kg	47
N-Nitrosodiphenylamine	ND	720	ug/kg	23
N-Nitrosodi-n-propyl-amine	ND	720	ug/kg	34
Pentachlorophenol	ND	3600	ug/kg	120
Phenanthrene	ND	720	ug/kg	19
Phenol	ND	720	ug/kg	20
Pyrene	ND	720	ug/kg	13
2,4,5-Trichloro-phenol	ND	720	ug/kg	11
2,4,6-Trichloro-phenol	ND	720	ug/kg	11
bis(2-Chloroisopropyl) ether	ND	720	ug/kg	25
4-Methylphenol	ND	720	ug/kg	11
Hexachlorobutadiene	ND	720	ug/kg	11
Caprolactam	ND	1800	ug/kg	120
Atrazine	ND	360	ug/kg	41
Carbazole	ND	360	ug/kg	40

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	71	(53 - 120)
Phenol-d5	69	(52 - 120)
Nitrobenzene-d5	68	(50 - 120)
2-Fluorobiphenyl	69	(50 - 120)
2,4,6-Tribromophenol	61	(51 - 120)
Terphenyl-d14	71	(55 - 120)

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Bhate Environmental Associates

Client Sample ID: OT37-SB13-5

GC/MS Semivolatiles

Lot-Sample #...: D7G250192-005 **Work Order #...:** J3H8L1AN **Matrix.....:** SO

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: OT37-SB13-25

GC/MS Semivolatiles

Lot-Sample #...: D7G250192-006 **Work Order #...:** J3H8R1AN **Matrix.....:** SO
Date Sampled...: 07/24/07 09:30 **Date Received..:** 07/25/07
Prep Date.....: 07/26/07 **Analysis Date..:** 07/31/07
Prep Batch #...: 7207139 **Analysis Time..:** 16:41
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	430	ug/kg	13
Acenaphthylene	ND	430	ug/kg	22
Acetophenone	ND	430	ug/kg	26
Anthracene	ND	430	ug/kg	22
Benzo(a)anthracene	ND	850	ug/kg	26
Benzo(b)fluoranthene	ND	850	ug/kg	34
Benzo(k)fluoranthene	ND	850	ug/kg	52
Benzo(ghi)perylene	ND	850	ug/kg	21
Benzo(a)pyrene	ND	850	ug/kg	26
bis(2-Chloroethoxy) methane	ND	430	ug/kg	30
bis(2-Chloroethyl)-ether	ND	850	ug/kg	21
bis(2-Ethylhexyl) phthalate	ND	850	ug/kg	59
4-Bromophenyl phenyl ether	ND	850	ug/kg	25
Butyl benzyl phthalate	ND	850	ug/kg	56
4-Chloroaniline	ND	1700	ug/kg	27
4-Chloro-3-methylphenol	ND	1700	ug/kg	31
2-Chloronaphthalene	ND	430	ug/kg	13
2-Chlorophenol	ND	850	ug/kg	27
4-Chlorophenyl phenyl ether	ND	850	ug/kg	27
Chrysene	ND	850	ug/kg	35
Dibenz(a,h)anthracene	ND	850	ug/kg	25
Dibenzofuran	ND	850	ug/kg	26
Di-n-butyl phthalate	ND	850	ug/kg	37
3,3'-Dichlorobenzidine	ND	1700	ug/kg	65
2,4-Dichlorophenol	ND	850	ug/kg	13
Diethyl phthalate	ND	850	ug/kg	34
2,4-Dimethylphenol	ND	850	ug/kg	34
Dimethyl phthalate	ND	850	ug/kg	30
4,6-Dinitro-2-methylphenol	ND	4300	ug/kg	65
2,4-Dinitrophenol	ND	4300	ug/kg	65
2,4-Dinitrotoluene	ND	850	ug/kg	30
2,6-Dinitrotoluene	ND	850	ug/kg	36

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Bhate Environmental Associates

Client Sample ID: OT37-SB13-25

GC/MS Semivolatiles

Lot-Sample #...: D7G250192-006 **Work Order #...:** J3H8R1AN **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	850	ug/kg	19
Fluoranthene	ND	850	ug/kg	47
Fluorene	ND	850	ug/kg	23
Hexachlorobenzene	ND	850	ug/kg	37
Hexachlorocyclopentadiene	ND	850	ug/kg	65
Hexachloroethane	ND	850	ug/kg	28
Indeno(1,2,3-cd)pyrene	ND	850	ug/kg	28
2-Methylnaphthalene	ND	850	ug/kg	25
2-Methylphenol	ND	850	ug/kg	17
Naphthalene	ND	850	ug/kg	40
2-Nitroaniline	ND	4300	ug/kg	65
3-Nitroaniline	ND	4300	ug/kg	65
4-Nitroaniline	ND	4300	ug/kg	94
Nitrobenzene	ND	850	ug/kg	28
2-Nitrophenol	ND	850	ug/kg	13
4-Nitrophenol	ND	4300	ug/kg	56
N-Nitrosodiphenylamine	ND	850	ug/kg	27
N-Nitrosodi-n-propylamine	ND	850	ug/kg	40
Pentachlorophenol	ND	4300	ug/kg	140
Phenanthrene	ND	850	ug/kg	22
Phenol	ND	850	ug/kg	23
Pyrene	ND	850	ug/kg	16
2,4,5-Trichlorophenol	ND	850	ug/kg	13
2,4,6-Trichlorophenol	ND	850	ug/kg	13
bis(2-Chloroisopropyl) ether	ND	850	ug/kg	30
4-Methylphenol	ND	850	ug/kg	13
Hexachlorobutadiene	ND	850	ug/kg	13
Caprolactam	ND	2100	ug/kg	140
Atrazine	ND	430	ug/kg	48
Carbazole	ND	430	ug/kg	47

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	63	(53 - 120)
Phenol-d5	61	(52 - 120)
Nitrobenzene-d5	59	(50 - 120)
2-Fluorobiphenyl	61	(50 - 120)
2,4,6-Tribromophenol	54	(51 - 120)
Terphenyl-d14	66	(55 - 120)

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Bhate Environmental Associates

Client Sample ID: OT37-SB13-25

GC/MS Semivolatiles

Lot-Sample #...: D7G250192-006 **Work Order #...:** J3H8R1AN **Matrix.....:** SO

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: OT37-SB10-5

GC/MS Semivolatiles

Lot-Sample #...: D7G250192-007 **Work Order #...:** J3H8X2AN **Matrix.....:** SO
Date Sampled...: 07/24/07 10:45 **Date Received..:** 07/25/07
Prep Date.....: 08/01/07 **Analysis Date..:** 08/02/07
Prep Batch #...: 7213165 **Analysis Time..:** 19:56
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	450	ug/kg	14
Acenaphthylene	ND	450	ug/kg	23
Acetophenone	ND	450	ug/kg	27
Anthracene	ND	450	ug/kg	23
Benzo(a)anthracene	**48 J**	**890**	**ug/kg**	**27**
Benzo(b)fluoranthene	ND	890	ug/kg	35
Benzo(k)fluoranthene	ND	890	ug/kg	54
Benzo(ghi)perylene	ND	890	ug/kg	22
Benzo(a)pyrene	ND	890	ug/kg	27
bis(2-Chloroethoxy) methane	ND	450	ug/kg	31
bis(2-Chloroethyl)-ether	ND	890	ug/kg	22
bis(2-Ethylhexyl) phthalate	ND	890	ug/kg	62
4-Bromophenyl phenyl ether	ND	890	ug/kg	26
Butyl benzyl phthalate	ND	890	ug/kg	58
4-Chloroaniline	ND	1800	ug/kg	28
4-Chloro-3-methylphenol	ND	1800	ug/kg	32
2-Chloronaphthalene	ND	450	ug/kg	14
2-Chlorophenol	ND	890	ug/kg	28
4-Chlorophenyl phenyl ether	ND	890	ug/kg	28
Chrysene	**47 J**	**890**	**ug/kg**	**37**
Dibenz(a,h)anthracene	ND	890	ug/kg	26
Dibenzofuran	ND	890	ug/kg	27
Di-n-butyl phthalate	ND	890	ug/kg	39
3,3'-Dichlorobenzidine	ND	1800	ug/kg	68
2,4-Dichlorophenol	ND	890	ug/kg	14
Diethyl phthalate	ND	890	ug/kg	35
2,4-Dimethylphenol	ND	890	ug/kg	35
Dimethyl phthalate	ND	890	ug/kg	31
4,6-Dinitro-2-methylphenol	**430 J**	**4500**	**ug/kg**	**68**
2,4-Dinitrophenol	**620 J**	**4500**	**ug/kg**	**68**
2,4-Dinitrotoluene	**210 J**	**890**	**ug/kg**	**31**
2,6-Dinitrotoluene	ND	890	ug/kg	38

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Bhate Environmental Associates

Client Sample ID: OT37-SB10-5

GC/MS Semivolatiles

Lot-Sample #...: D7G250192-007 **Work Order #...:** J3H8X2AN **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	890	ug/kg	19
Fluoranthene	ND	890	ug/kg	49
Fluorene	ND	890	ug/kg	24
Hexachlorobenzene	ND	890	ug/kg	39
Hexachlorocyclopenta-diene	ND	890	ug/kg	68
Hexachloroethane	ND	890	ug/kg	29
Indeno(1,2,3-cd)pyrene	ND	890	ug/kg	30
2-Methylnaphthalene	ND	890	ug/kg	26
2-Methylphenol	ND	890	ug/kg	18
Naphthalene	ND	890	ug/kg	42
2-Nitroaniline	ND	4500	ug/kg	68
3-Nitroaniline	ND	4500	ug/kg	68
4-Nitroaniline	ND	4500	ug/kg	98
Nitrobenzene	ND	890	ug/kg	30
2-Nitrophenol	ND	890	ug/kg	14
4-Nitrophenol	**72 J**	**4500**	**ug/kg**	**58**
N-Nitrosodiphenylamine	ND	890	ug/kg	28
N-Nitrosodi-n-propyl-amine	ND	890	ug/kg	42
Pentachlorophenol	ND	4500	ug/kg	150
Phenanthrene	ND	890	ug/kg	23
Phenol	ND	890	ug/kg	24
Pyrene	ND	890	ug/kg	16
2,4,5-Trichloro-phenol	ND	890	ug/kg	14
2,4,6-Trichloro-phenol	ND	890	ug/kg	14
bis(2-Chloroisopropyl) ether	ND	890	ug/kg	31
4-Methylphenol	ND	890	ug/kg	14
Hexachlorobutadiene	ND	890	ug/kg	14
Caprolactam	ND	2200	ug/kg	140
Atrazine	ND	450	ug/kg	50
Carbazole	**49 J**	**450**	**ug/kg**	**49**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	62	(53 - 120)
Phenol-d5	65	(52 - 120)
Nitrobenzene-d5	69	(50 - 120)
2-Fluorobiphenyl	66	(50 - 120)
2,4,6-Tribromophenol	81	(51 - 120)
Terphenyl-d14	82	(55 - 120)

(Continued on next page)

Bhate Environmental Associates

Client Sample ID: OT37-SB10-5

GC/MS Semivolatiles

Lot-Sample #...: D7G250192-007 **Work Order #...:** J3H8X2AN **Matrix.....:** SO

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: OT37-SB10-30

GC/MS Semivolatiles

Lot-Sample #...: D7G250192-008 **Work Order #...:** J3H821AN **Matrix.....:** SO
Date Sampled...: 07/24/07 11:00 **Date Received..:** 07/25/07
Prep Date.....: 07/26/07 **Analysis Date..:** 07/31/07
Prep Batch #...: 7207139 **Analysis Time..:** 17:24
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	450	ug/kg	14
Acenaphthylene	ND	450	ug/kg	23
Acetophenone	ND	450	ug/kg	27
Anthracene	ND	450	ug/kg	23
Benzo(a)anthracene	ND	890	ug/kg	27
Benzo(b)fluoranthene	ND	890	ug/kg	35
Benzo(k)fluoranthene	ND	890	ug/kg	54
Benzo(ghi)perylene	ND	890	ug/kg	22
Benzo(a)pyrene	ND	890	ug/kg	27
bis(2-Chloroethoxy) methane	ND	450	ug/kg	31
bis(2-Chloroethyl)-ether	ND	890	ug/kg	22
bis(2-Ethylhexyl) phthalate	ND	890	ug/kg	62
4-Bromophenyl phenyl ether	ND	890	ug/kg	26
Butyl benzyl phthalate	ND	890	ug/kg	58
4-Chloroaniline	ND	1800	ug/kg	28
4-Chloro-3-methylphenol	ND	1800	ug/kg	32
2-Chloronaphthalene	ND	450	ug/kg	14
2-Chlorophenol	ND	890	ug/kg	28
4-Chlorophenyl phenyl ether	ND	890	ug/kg	28
Chrysene	ND	890	ug/kg	36
Dibenz(a,h)anthracene	ND	890	ug/kg	26
Dibenzofuran	ND	890	ug/kg	27
Di-n-butyl phthalate	ND	890	ug/kg	39
3,3'-Dichlorobenzidine	ND	1800	ug/kg	68
2,4-Dichlorophenol	ND	890	ug/kg	14
Diethyl phthalate	ND	890	ug/kg	35
2,4-Dimethylphenol	ND	890	ug/kg	35
Dimethyl phthalate	ND	890	ug/kg	31
4,6-Dinitro-2-methylphenol	ND	4500	ug/kg	68
2,4-Dinitrophenol	ND	4500	ug/kg	68
2,4-Dinitrotoluene	ND	890	ug/kg	31
2,6-Dinitrotoluene	ND	890	ug/kg	38

(Continued on next page)

Bhate Environmental Associates

Client Sample ID: OT37-SB10-30

GC/MS Semivolatiles

Lot-Sample #...: D7G250192-008 **Work Order #...:** J3H821AN **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	890	ug/kg	19
Fluoranthene	ND	890	ug/kg	49
Fluorene	ND	890	ug/kg	24
Hexachlorobenzene	ND	890	ug/kg	39
Hexachlorocyclopenta-diene	ND	890	ug/kg	68
Hexachloroethane	ND	890	ug/kg	29
Indeno(1,2,3-cd)pyrene	ND	890	ug/kg	30
2-Methylnaphthalene	ND	890	ug/kg	26
2-Methylphenol	ND	890	ug/kg	18
Naphthalene	ND	890	ug/kg	42
2-Nitroaniline	ND	4500	ug/kg	68
3-Nitroaniline	ND	4500	ug/kg	68
4-Nitroaniline	ND	4500	ug/kg	98
Nitrobenzene	ND	890	ug/kg	30
2-Nitrophenol	ND	890	ug/kg	14
4-Nitrophenol	ND	4500	ug/kg	58
N-Nitrosodiphenylamine	ND	890	ug/kg	28
N-Nitrosodi-n-propyl-amine	ND	890	ug/kg	42
Pentachlorophenol	ND	4500	ug/kg	150
Phenanthrene	ND	890	ug/kg	23
Phenol	ND	890	ug/kg	24
Pyrene	ND	890	ug/kg	16
2,4,5-Trichloro-phenol	ND	890	ug/kg	14
2,4,6-Trichloro-phenol	ND	890	ug/kg	14
bis(2-Chloroisopropyl) ether	ND	890	ug/kg	31
4-Methylphenol	ND	890	ug/kg	14
Hexachlorobutadiene	ND	890	ug/kg	14
Caprolactam	ND	2200	ug/kg	140
Atrazine	ND	450	ug/kg	50
Carbazole	ND	450	ug/kg	49

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	62	(53 - 120)
Phenol-d5	59	(52 - 120)
Nitrobenzene-d5	59	(50 - 120)
2-Fluorobiphenyl	57	(50 - 120)
2,4,6-Tribromophenol	53	(51 - 120)
Terphenyl-d14	64	(55 - 120)

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Bhate Environmental Associates

Client Sample ID: OT37-SB10-30

GC/MS Semivolatiles

Lot-Sample #...: D7G250192-008 **Work Order #...:** J3H821AN **Matrix.....:** SO

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: OT37-SB10-30A

GC/MS Semivolatiles

Lot-Sample #...: D7G250192-009 **Work Order #...:** J3H831AN **Matrix.....:** SO
Date Sampled...: 07/24/07 11:00 **Date Received..:** 07/25/07
Prep Date.....: 07/26/07 **Analysis Date..:** 07/31/07
Prep Batch #...: 7207139 **Analysis Time..:** 17:45
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	470	ug/kg	15
Acenaphthylene	ND	470	ug/kg	24
Acetophenone	ND	470	ug/kg	29
Anthracene	ND	470	ug/kg	24
Benzo(a)anthracene	ND	950	ug/kg	29
Benzo(b)fluoranthene	ND	950	ug/kg	38
Benzo(k)fluoranthene	ND	950	ug/kg	57
Benzo(ghi)perylene	ND	950	ug/kg	23
Benzo(a)pyrene	ND	950	ug/kg	29
bis(2-Chloroethoxy) methane	ND	470	ug/kg	33
bis(2-Chloroethyl)-ether	ND	950	ug/kg	24
bis(2-Ethylhexyl) phthalate	ND	950	ug/kg	66
4-Bromophenyl phenyl ether	ND	950	ug/kg	27
Butyl benzyl phthalate	ND	950	ug/kg	62
4-Chloroaniline	ND	1900	ug/kg	30
4-Chloro-3-methylphenol	ND	1900	ug/kg	34
2-Chloronaphthalene	ND	470	ug/kg	14
2-Chlorophenol	ND	950	ug/kg	30
4-Chlorophenyl phenyl ether	ND	950	ug/kg	30
Chrysene	ND	950	ug/kg	39
Dibenz(a,h)anthracene	ND	950	ug/kg	27
Dibenzofuran	ND	950	ug/kg	29
Di-n-butyl phthalate	ND	950	ug/kg	42
3,3'-Dichlorobenzidine	ND	1900	ug/kg	72
2,4-Dichlorophenol	ND	950	ug/kg	14
Diethyl phthalate	ND	950	ug/kg	37
2,4-Dimethylphenol	ND	950	ug/kg	37
Dimethyl phthalate	ND	950	ug/kg	33
4,6-Dinitro-2-methylphenol	ND	4700	ug/kg	72
2,4-Dinitrophenol	ND	4700	ug/kg	72
2,4-Dinitrotoluene	ND	950	ug/kg	33
2,6-Dinitrotoluene	ND	950	ug/kg	40

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Bhate Environmental Associates

Client Sample ID: OT37-SB10-30A

GC/MS Semivolatiles

Lot-Sample #...: D7G250192-009 **Work Order #...:** J3H831AN **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	950	ug/kg	21
Fluoranthene	ND	950	ug/kg	52
Fluorene	ND	950	ug/kg	26
Hexachlorobenzene	ND	950	ug/kg	42
Hexachlorocyclopenta-diene	ND	950	ug/kg	72
Hexachloroethane	ND	950	ug/kg	31
Indeno(1,2,3-cd)pyrene	ND	950	ug/kg	32
2-Methylnaphthalene	ND	950	ug/kg	27
2-Methylphenol	ND	950	ug/kg	19
Naphthalene	ND	950	ug/kg	45
2-Nitroaniline	ND	4700	ug/kg	72
3-Nitroaniline	ND	4700	ug/kg	72
4-Nitroaniline	ND	4700	ug/kg	100
Nitrobenzene	ND	950	ug/kg	32
2-Nitrophenol	ND	950	ug/kg	14
4-Nitrophenol	ND	4700	ug/kg	62
N-Nitrosodiphenylamine	ND	950	ug/kg	30
N-Nitrosodi-n-propyl-amine	ND	950	ug/kg	45
Pentachlorophenol	ND	4700	ug/kg	160
Phenanthrene	ND	950	ug/kg	24
Phenol	ND	950	ug/kg	26
Pyrene	ND	950	ug/kg	17
2,4,5-Trichloro-phenol	ND	950	ug/kg	14
2,4,6-Trichloro-phenol	ND	950	ug/kg	14
bis(2-Chloroisopropyl) ether	ND	950	ug/kg	33
4-Methylphenol	ND	950	ug/kg	14
Hexachlorobutadiene	ND	950	ug/kg	14
Caprolactam	ND	2300	ug/kg	150
Atrazine	ND	470	ug/kg	53
Carbazole	ND	470	ug/kg	52

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	70	(53 - 120)
Phenol-d5	66	(52 - 120)
Nitrobenzene-d5	67	(50 - 120)
2-Fluorobiphenyl	67	(50 - 120)
2,4,6-Tribromophenol	62	(51 - 120)
Terphenyl-d14	73	(55 - 120)

(Continued on next page)

Bhate Environmental Associates

Client Sample ID: OT37-SB10-30A

GC/MS Semivolatiles

Lot-Sample #...: D7G250192-009 **Work Order #...:** J3H831AN **Matrix.....:** SO

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: OT37-SB13-25-D

GC Volatiles

Lot-Sample #...: D7G250192-004 **Work Order #...:** J3H8F1AQ **Matrix.....:** WQ
Date Sampled...: 07/24/07 09:30 **Date Received..:** 07/25/07
Prep Date.....: 07/27/07 **Analysis Date..:** 07/27/07
Prep Batch #...: 7211389 **Analysis Time..:** 13:58
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Gasoline Range Organics	ND	25	ug/L	4.9

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	91	(82 - 110)

Bhate Environmental Associates

Client Sample ID: OT37-SB13-5

GC Volatiles

Lot-Sample #...: D7G250192-005 **Work Order #...:** J3H8L1AP **Matrix.....:** SO
Date Sampled...: 07/24/07 09:00 **Date Received..:** 07/25/07
Prep Date.....: 07/30/07 **Analysis Date..:** 07/31/07
Prep Batch #...: 7213205 **Analysis Time..:** 13:17
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Gasoline Range Organics	ND	1.3	mg/kg	0.36

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	92	(77 - 123)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Bhate Environmental Associates

Client Sample ID: OT37-SB13-25

GC Volatiles

Lot-Sample #...: D7G250192-006 **Work Order #...:** J3H8R1AP **Matrix.....:** SO
Date Sampled...: 07/24/07 09:30 **Date Received..:** 07/25/07
Prep Date.....: 07/30/07 **Analysis Date..:** 07/31/07
Prep Batch #...: 7213205 **Analysis Time..:** 13:48
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Gasoline Range Organics	ND	1.6	mg/kg	0.42

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	87	(77 - 123)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Bhate Environmental Associates

Client Sample ID: OT37-SB10-5

GC Volatiles

Lot-Sample #...: D7G250192-007 **Work Order #...:** J3H8X1AP **Matrix.....:** SO
Date Sampled...: 07/24/07 10:45 **Date Received..:** 07/25/07
Prep Date.....: 07/30/07 **Analysis Date..:** 07/31/07
Prep Batch #...: 7213205 **Analysis Time..:** 14:20
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Gasoline Range Organics	ND	1.6	mg/kg	0.44

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	90	(77 - 123)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Bhate Environmental Associates

Client Sample ID: OT37-SB10-30

GC Volatiles

Lot-Sample #...: D7G250192-008 **Work Order #...:** J3H821AP **Matrix.....:** SO
Date Sampled...: 07/24/07 11:00 **Date Received..:** 07/25/07
Prep Date.....: 07/30/07 **Analysis Date..:** 07/31/07
Prep Batch #...: 7213205 **Analysis Time..:** 14:52
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Gasoline Range Organics	ND	1.6	mg/kg	0.44

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	77	(77 - 123)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Bhate Environmental Associates

Client Sample ID: OT37-SB10-30A

GC Volatiles

Lot-Sample #...: D7G250192-009 **Work Order #...:** J3H831AP **Matrix.....:** SO
Date Sampled...: 07/24/07 11:00 **Date Received..:** 07/25/07
Prep Date.....: 07/30/07 **Analysis Date..:** 07/31/07
Prep Batch #...: 7213205 **Analysis Time..:** 17:45
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Gasoline Range Organics	ND	1.7	mg/kg	0.47

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	84	(77 - 123)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Bhate Environmental Associates

Client Sample ID: OT37-SB13-25-D

GC Semivolatiles

Lot-Sample #...: D7G250192-004 **Work Order #...:** J3H8F1AP **Matrix.....:** WQ
Date Sampled...: 07/24/07 09:30 **Date Received..:** 07/25/07
Prep Date.....: 07/25/07 **Analysis Date..:** 07/31/07
Prep Batch #...: 7206582 **Analysis Time..:** 02:48
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Motor Oil Range Organics (C22-C36)	ND	0.25	mg/L	0.032
Diesel Range Organics (C10-C22)	**0.060 J,B**	**0.25**	**mg/L**	**0.032**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	83	(48 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: OT37-SB13-5

GC Semivolatiles

Lot-Sample #...: D7G250192-005 **Work Order #...:** J3H8L1AQ **Matrix.....:** SO
Date Sampled...: 07/24/07 09:00 **Date Received..:** 07/25/07
Prep Date.....: 07/25/07 **Analysis Date..:** 07/30/07
Prep Batch #...: 7205520 **Analysis Time..:** 19:58
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Diesel Range Organics (C10-C22)	**1.9 J,B**	**4.4**	**mg/kg**	**1.1**
Motor Oil Range Organics (C22-C36)	ND	4.4	mg/kg	1.1

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	76	(45 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: OT37-SB13-25

GC Semivolatiles

Lot-Sample #...: D7G250192-006 **Work Order #...:** J3H8R1AQ **Matrix.....:** SO
Date Sampled...: 07/24/07 09:30 **Date Received..:** 07/25/07
Prep Date.....: 07/25/07 **Analysis Date..:** 07/30/07
Prep Batch #...: 7205520 **Analysis Time..:** 20:35
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Diesel Range Organics (C10-C22)	**2.2 J,B**	**5.2**	**mg/kg**	**1.3**
Motor Oil Range Organics (C22-C36)	ND	5.2	mg/kg	1.3

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	73	(45 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: OT37-SB10-5

GC Semivolatiles

Lot-Sample #...: D7G250192-007 **Work Order #...:** J3H8X1AQ **Matrix.....:** SO
Date Sampled...: 07/24/07 10:45 **Date Received..:** 07/25/07
Prep Date.....: 07/25/07 **Analysis Date..:** 07/30/07
Prep Batch #...: 7205520 **Analysis Time..:** 21:13
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Diesel Range Organics (C10-C22)	**2.3 J,B**	**5.4**	**mg/kg**	**1.3**
Motor Oil Range Organics (C22-C36)	ND	5.4	mg/kg	1.3

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	81	(45 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: OT37-SB10-30

GC Semivolatiles

Lot-Sample #...: D7G250192-008 **Work Order #...:** J3H821AQ **Matrix.....:** SO
Date Sampled...: 07/24/07 11:00 **Date Received..:** 07/25/07
Prep Date.....: 07/25/07 **Analysis Date..:** 07/30/07
Prep Batch #...: 7205520 **Analysis Time..:** 21:50
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Diesel Range Organics (C10-C22)	**2.2 J,B**	**5.4**	**mg/kg**	**1.3**
Motor Oil Range Organics (C22-C36)	ND	5.4	mg/kg	1.3

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	68	(45 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: OT37-SB10-30A

GC Semivolatiles

Lot-Sample #...: D7G250192-009 **Work Order #...:** J3H831AQ **Matrix.....:** SO
Date Sampled...: 07/24/07 11:00 **Date Received..:** 07/25/07
Prep Date.....: 07/25/07 **Analysis Date..:** 07/30/07
Prep Batch #...: 7205520 **Analysis Time..:** 22:27
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Diesel Range Organics (C10-C22)	**2.4 J,B**	**5.7**	**mg/kg**	**1.4**
Motor Oil Range Organics (C22-C36)	ND	5.7	mg/kg	1.4

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	80	(45 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: OT37-SB13-25-D

GC Semivolatiles

Lot-Sample #...: D7G250192-004 **Work Order #...:** J3H8F1AA **Matrix.....:** WQ
Date Sampled...: 07/24/07 09:30 **Date Received..:** 07/25/07
Prep Date.....: 07/25/07 **Analysis Date..:** 07/30/07
Prep Batch #...: 7206563 **Analysis Time..:** 10:09
Dilution Factor: 1

Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	1.0	ug/L	0.12
Aroclor 1221	ND	1.0	ug/L	0.21
Aroclor 1232	ND	1.0	ug/L	0.17
Aroclor 1242	ND	1.0	ug/L	0.10
Aroclor 1248	ND	1.0	ug/L	0.092
Aroclor 1254	ND	1.0	ug/L	0.11
Aroclor 1260	ND	1.0	ug/L	0.16

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	104	(51 - 122)
Decachlorobiphenyl	84	(41 - 138)

Bhate Environmental Associates

Client Sample ID: OT37-SB13-5

GC Semivolatiles

Lot-Sample #...: D7G250192-005 **Work Order #...:** J3H8L1AC **Matrix.....:** SO
Date Sampled...: 07/24/07 09:00 **Date Received..:** 07/25/07
Prep Date.....: 07/26/07 **Analysis Date..:** 08/01/07
Prep Batch #...: 7207306 **Analysis Time..:** 00:32
Dilution Factor: 1

Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	36	ug/kg	5.6
Aroclor 1221	ND	52	ug/kg	17
Aroclor 1232	ND	36	ug/kg	5.6
Aroclor 1242	ND	36	ug/kg	10
Aroclor 1248	ND	36	ug/kg	6.2
Aroclor 1254	ND	36	ug/kg	6.1
Aroclor 1260	ND	36	ug/kg	2.9

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	92	(68 - 125)
Tetrachloro-m-xylene	83	(67 - 129)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: OT37-SB13-25

GC Semivolatiles

Lot-Sample #...: D7G250192-006 **Work Order #...:** J3H8R1AC **Matrix.....:** SO
Date Sampled...: 07/24/07 09:30 **Date Received..:** 07/25/07
Prep Date.....: 07/26/07 **Analysis Date..:** 08/01/07
Prep Batch #...: 7207306 **Analysis Time..:** 01:38
Dilution Factor: 1

Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	43	ug/kg	6.6
Aroclor 1221	ND	61	ug/kg	20
Aroclor 1232	ND	43	ug/kg	6.6
Aroclor 1242	ND	43	ug/kg	12
Aroclor 1248	ND	43	ug/kg	7.2
Aroclor 1254	ND	43	ug/kg	7.1
Aroclor 1260	ND	43	ug/kg	3.4

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	93	(68 - 125)
Tetrachloro-m-xylene	84	(67 - 129)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: OT37-SB10-5

GC Semivolatiles

Lot-Sample #...: D7G250192-007 **Work Order #...:** J3H8X1AC **Matrix.....:** SO
Date Sampled...: 07/24/07 10:45 **Date Received..:** 07/25/07
Prep Date.....: 07/26/07 **Analysis Date..:** 08/01/07
Prep Batch #...: 7207306 **Analysis Time..:** 02:01
Dilution Factor: 1

Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	45	ug/kg	6.9
Aroclor 1221	ND	64	ug/kg	21
Aroclor 1232	ND	45	ug/kg	6.9
Aroclor 1242	ND	45	ug/kg	12
Aroclor 1248	ND	45	ug/kg	7.6
Aroclor 1254	ND	45	ug/kg	7.5
Aroclor 1260	ND	45	ug/kg	3.6

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	96	(68 - 125)
Tetrachloro-m-xylene	83	(67 - 129)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: OT37-SB10-30

GC Semivolatiles

Lot-Sample #...: D7G250192-008 **Work Order #...:** J3H821AC **Matrix.....:** SO
Date Sampled...: 07/24/07 11:00 **Date Received..:** 07/25/07
Prep Date.....: 07/26/07 **Analysis Date..:** 08/01/07
Prep Batch #...: 7207306 **Analysis Time..:** 02:23
Dilution Factor: 1

Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	45	ug/kg	6.9
Aroclor 1221	ND	64	ug/kg	21
Aroclor 1232	ND	45	ug/kg	6.9
Aroclor 1242	ND	45	ug/kg	12
Aroclor 1248	ND	45	ug/kg	7.6
Aroclor 1254	ND	45	ug/kg	7.5
Aroclor 1260	ND	45	ug/kg	3.6

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	94	(68 - 125)
Tetrachloro-m-xylene	85	(67 - 129)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: OT37-SB10-30A

GC Semivolatiles

Lot-Sample #...: D7G250192-009 **Work Order #...:** J3H831AC **Matrix.....:** SO
Date Sampled...: 07/24/07 11:00 **Date Received..:** 07/25/07
Prep Date.....: 07/26/07 **Analysis Date..:** 08/01/07
Prep Batch #...: 7207306 **Analysis Time..:** 02:45
Dilution Factor: 1

Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	47	ug/kg	7.3
Aroclor 1221	ND	68	ug/kg	22
Aroclor 1232	ND	47	ug/kg	7.4
Aroclor 1242	ND	47	ug/kg	13
Aroclor 1248	ND	47	ug/kg	8.1
Aroclor 1254	ND	47	ug/kg	7.9
Aroclor 1260	ND	47	ug/kg	3.8

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	87	(68 - 125)
Tetrachloro-m-xylene	78	(67 - 129)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: OT37-SB13-25-D

HPLC

Lot-Sample #...: D7G250192-004 **Work Order #...:** J3H8F1AC **Matrix.....:** WQ
Date Sampled...: 07/24/07 09:30 **Date Received..:** 07/25/07
Prep Date.....: 08/01/07 **Analysis Date..:** 08/03/07
Prep Batch #...: 7213214 **Analysis Time..:** 04:07
Dilution Factor: 1

Method.....: SW846 6860

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Perchlorate	ND	0.10	ug/L	0.0088

Bhate Environmental Associates

Client Sample ID: OT37-SB13-5

HPLC

Lot-Sample #...: D7G250192-005 **Work Order #...:** J3H8L1AT **Matrix.....:** SO
Date Sampled...: 07/24/07 09:00 **Date Received..:** 07/25/07
Prep Date.....: 07/31/07 **Analysis Date..:** 08/02/07
Prep Batch #...: 7212140 **Analysis Time..:** 15:29
Dilution Factor: 1

Method.....: SW846 6860

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Perchlorate	**14000**	**1100**	**ng/kg**	**230**

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Bhate Environmental Associates

Client Sample ID: OT37-SB13-25

HPLC

Lot-Sample #...: D7G250192-006 **Work Order #...:** J3H8R1AT **Matrix.....:** SO
Date Sampled...: 07/24/07 09:30 **Date Received..:** 07/25/07
Prep Date.....: 07/31/07 **Analysis Date..:** 08/02/07
Prep Batch #...: 7212140 **Analysis Time..:** 15:58
Dilution Factor: 1

Method.....: SW846 6860

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Perchlorate	ND	1300	ng/kg	270

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Bhate Environmental Associates

Client Sample ID: OT37-SB10-5

HPLC

Lot-Sample #...: D7G250192-007 **Work Order #...:** J3H8X1AT **Matrix.....:** SO
Date Sampled...: 07/24/07 10:45 **Date Received..:** 07/25/07
Prep Date.....: 07/31/07 **Analysis Date..:** 08/02/07
Prep Batch #...: 7212140 **Analysis Time..:** 16:28
Dilution Factor: 1

Method.....: SW846 6860

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Perchlorate	**9700**	**1400**	**ng/kg**	**280**

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Bhate Environmental Associates

Client Sample ID: OT37-SB10-30

HPLC

Lot-Sample #...: D7G250192-008 **Work Order #...:** J3H821AT **Matrix.....:** SO
Date Sampled...: 07/24/07 11:00 **Date Received..:** 07/25/07
Prep Date.....: 07/31/07 **Analysis Date..:** 08/02/07
Prep Batch #...: 7212140 **Analysis Time..:** 16:57
Dilution Factor: 1

Method.....: SW846 6860

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Perchlorate	ND	1400	ng/kg	280

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Bhate Environmental Associates

Client Sample ID: OT37-SB10-30A

HPLC

Lot-Sample #...: D7G250192-009 **Work Order #...:** J3H831AT **Matrix.....:** SO
Date Sampled...: 07/24/07 11:00 **Date Received..:** 07/25/07
Prep Date.....: 07/31/07 **Analysis Date..:** 08/02/07
Prep Batch #...: 7212140 **Analysis Time..:** 17:26
Dilution Factor: 1

Method.....: SW846 6860

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Perchlorate	ND	1400	ng/kg	300

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Bhate Environmental Associates

Client Sample ID: OT32-TMW03

TOTAL Metals

Lot-Sample #...: D7G250192-001 **Matrix.....:**
Date Sampled...: 07/24/07 08:30 **Date Received..:** 07/25/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7208138						
Silver	ND	10	ug/L	SW846 6010B	07/31/07	J3H701AC
		Dilution Factor: 1		Analysis Time..: 22:35	MDL.....: 2.8	
Aluminum	ND	100	ug/L	SW846 6010B	07/31/07	J3H701AD
		Dilution Factor: 1		Analysis Time..: 22:35	MDL.....: 18	
Arsenic	**4.6 B**	**15**	**ug/L**	**SW846 6010B**	**07/31/07**	**J3H701AE**
		Dilution Factor: 1		Analysis Time..: 22:35	MDL.....: 4.4	
Barium	**58**	**10**	**ug/L**	**SW846 6010B**	**07/31/07**	**J3H701AF**
		Dilution Factor: 1		Analysis Time..: 22:35	MDL.....: 1.0	
Beryllium	ND	5.0	ug/L	SW846 6010B	07/31/07	J3H701AG
		Dilution Factor: 1		Analysis Time..: 22:35	MDL.....: 0.47	
Calcium	**560000 J**	**200**	**ug/L**	**SW846 6010B**	**07/31/07**	**J3H701AH**
		Dilution Factor: 1		Analysis Time..: 22:35	MDL.....: 34	
Cadmium	**0.88 B**	**5.0**	**ug/L**	**SW846 6010B**	**07/31/07**	**J3H701AJ**
		Dilution Factor: 1		Analysis Time..: 22:35	MDL.....: 0.45	
Cobalt	**2.1 B**	**10**	**ug/L**	**SW846 6010B**	**07/31/07**	**J3H701AK**
		Dilution Factor: 1		Analysis Time..: 22:35	MDL.....: 1.2	
Chromium	ND	10	ug/L	SW846 6010B	07/31/07	J3H701AL
		Dilution Factor: 1		Analysis Time..: 22:35	MDL.....: 2.6	
Copper	**44**	**15**	**ug/L**	**SW846 6010B**	**07/31/07**	**J3H701AM**
		Dilution Factor: 1		Analysis Time..: 22:35	MDL.....: 4.5	
Iron	ND	100	ug/L	SW846 6010B	07/31/07	J3H701AN
		Dilution Factor: 1		Analysis Time..: 22:35	MDL.....: 22	
Potassium	**12000**	**3000**	**ug/L**	**SW846 6010B**	**07/31/07**	**J3H701AP**
		Dilution Factor: 1		Analysis Time..: 22:35	MDL.....: 240	
Magnesium	**540000**	**200**	**ug/L**	**SW846 6010B**	**07/31/07**	**J3H701AQ**
		Dilution Factor: 1		Analysis Time..: 22:35	MDL.....: 43	

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Bhate Environmental Associates

Client Sample ID: OT32-TMW03

TOTAL Metals

Lot-Sample #...: D7G250192-001 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	**240**	**10**	**ug/L**	**SW846 6010B**	**07/31/07**	**J3H701AR**
		Dilution Factor: 1		Analysis Time..: 22:35	MDL.....: 1.8	
Sodium	**3200000**	**1000**	**ug/L**	**SW846 6010B**	**07/31/07**	**J3H701AT**
		Dilution Factor: 1		Analysis Time..: 22:35	MDL.....: 92	
Nickel	ND	40	ug/L	SW846 6010B	07/31/07	J3H701AU
		Dilution Factor: 1		Analysis Time..: 22:35	MDL.....: 7.8	
Lead	ND	9.0	ug/L	SW846 6010B	07/31/07	J3H701AV
		Dilution Factor: 1		Analysis Time..: 22:35	MDL.....: 2.6	
Antimony	ND	10	ug/L	SW846 6010B	07/31/07	J3H701AW
		Dilution Factor: 1		Analysis Time..: 22:35	MDL.....: 3.1	
Selenium	**10 B**	**15**	**ug/L**	**SW846 6010B**	**07/31/07**	**J3H701AX**
		Dilution Factor: 1		Analysis Time..: 22:35	MDL.....: 4.9	
Thallium	ND	15	ug/L	SW846 6010B	07/31/07	J3H701A0
		Dilution Factor: 1		Analysis Time..: 22:35	MDL.....: 4.9	
Vanadium	**13**	**10**	**ug/L**	**SW846 6010B**	**07/31/07**	**J3H701A1**
		Dilution Factor: 1		Analysis Time..: 22:35	MDL.....: 2.5	
Zinc	**29 J**	**20**	**ug/L**	**SW846 6010B**	**07/31/07**	**J3H701A2**
		Dilution Factor: 1		Analysis Time..: 22:35	MDL.....: 4.5	

Prep Batch #...: 7209156

Mercury	**0.035 B,J**	**0.20**	**ug/L**	**SW846 7470A**	**08/02-08/03/07**	**J3H701AA**
		Dilution Factor: 1		Analysis Time..: 03:27	MDL.....: 0.027	

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: OT32-TMW02

TOTAL Metals

Lot-Sample #...: D7G250192-002 **Matrix.....:** WG
Date Sampled...: 07/24/07 09:40 **Date Received..:** 07/25/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7208138						
Silver	ND	10	ug/L	SW846 6010B	07/31/07	J3H761AK
		Dilution Factor: 1		Analysis Time..: 22:56	MDL.....: 2.8	
Aluminum	ND	100	ug/L	SW846 6010B	07/31/07	J3H761AL
		Dilution Factor: 1		Analysis Time..: 22:56	MDL.....: 18	
Arsenic	**4.6 B**	**15**	**ug/L**	**SW846 6010B**	**07/31/07**	**J3H761AM**
		Dilution Factor: 1		Analysis Time..: 22:56	MDL.....: 4.4	
Barium	**53**	**10**	**ug/L**	**SW846 6010B**	**07/31/07**	**J3H761AN**
		Dilution Factor: 1		Analysis Time..: 22:56	MDL.....: 1.0	
Beryllium	ND	5.0	ug/L	SW846 6010B	07/31/07	J3H761AP
		Dilution Factor: 1		Analysis Time..: 22:56	MDL.....: 0.47	
Calcium	**490000 J**	**200**	**ug/L**	**SW846 6010B**	**07/31/07**	**J3H761AQ**
		Dilution Factor: 1		Analysis Time..: 22:56	MDL.....: 34	
Cadmium	**0.85 B**	**5.0**	**ug/L**	**SW846 6010B**	**07/31/07**	**J3H761AR**
		Dilution Factor: 1		Analysis Time..: 22:56	MDL.....: 0.45	
Cobalt	**1.4 B**	**10**	**ug/L**	**SW846 6010B**	**07/31/07**	**J3H761AT**
		Dilution Factor: 1		Analysis Time..: 22:56	MDL.....: 1.2	
Chromium	ND	10	ug/L	SW846 6010B	07/31/07	J3H761AU
		Dilution Factor: 1		Analysis Time..: 22:56	MDL.....: 2.6	
Copper	**140**	**15**	**ug/L**	**SW846 6010B**	**07/31/07**	**J3H761AV**
		Dilution Factor: 1		Analysis Time..: 22:56	MDL.....: 4.5	
Iron	ND	100	ug/L	SW846 6010B	07/31/07	J3H761AW
		Dilution Factor: 1		Analysis Time..: 22:56	MDL.....: 22	
Potassium	**6500**	**3000**	**ug/L**	**SW846 6010B**	**07/31/07**	**J3H761AX**
		Dilution Factor: 1		Analysis Time..: 22:56	MDL.....: 240	
Magnesium	**360000**	**200**	**ug/L**	**SW846 6010B**	**07/31/07**	**J3H761A0**
		Dilution Factor: 1		Analysis Time..: 22:56	MDL.....: 43	

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Bhate Environmental Associates

Client Sample ID: OT32-TMW02

TOTAL Metals

Lot-Sample #...: D7G250192-002 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	**98**	**10**	**ug/L**	**SW846 6010B**	**07/31/07**	**J3H761A1**
		Dilution Factor: 1		Analysis Time..: 22:56	MDL.....: 1.8	
Sodium	**1900000**	**1000**	**ug/L**	**SW846 6010B**	**07/31/07**	**J3H761A2**
		Dilution Factor: 1		Analysis Time..: 22:56	MDL.....: 92	
Nickel	**8.0 B**	**40**	**ug/L**	**SW846 6010B**	**07/31/07**	**J3H761A3**
		Dilution Factor: 1		Analysis Time..: 22:56	MDL.....: 7.8	
Lead	ND	9.0	ug/L	SW846 6010B	07/31/07	J3H761A4
		Dilution Factor: 1		Analysis Time..: 22:56	MDL.....: 2.6	
Antimony	ND	10	ug/L	SW846 6010B	07/31/07	J3H761A5
		Dilution Factor: 1		Analysis Time..: 22:56	MDL.....: 3.1	
Selenium	ND	15	ug/L	SW846 6010B	07/31/07	J3H761A6
		Dilution Factor: 1		Analysis Time..: 22:56	MDL.....: 4.9	
Thallium	ND	15	ug/L	SW846 6010B	07/31/07	J3H761AA
		Dilution Factor: 1		Analysis Time..: 22:56	MDL.....: 4.9	
Vanadium	**14**	**10**	**ug/L**	**SW846 6010B**	**07/31/07**	**J3H761AC**
		Dilution Factor: 1		Analysis Time..: 22:56	MDL.....: 2.5	
Zinc	**34 J**	**20**	**ug/L**	**SW846 6010B**	**07/31/07**	**J3H761AD**
		Dilution Factor: 1		Analysis Time..: 22:56	MDL.....: 4.5	

Prep Batch #...: 7209156

Mercury	**0.035 B,J**	**0.20**	**ug/L**	**SW846 7470A**	**08/02-08/03/07**	**J3H761AJ**
		Dilution Factor: 1		Analysis Time..: 03:34	MDL.....: 0.027	

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: OT32-TMW01

TOTAL Metals

Lot-Sample #...: D7G250192-003 **Matrix.....:** WG
Date Sampled...: 07/24/07 10:30 **Date Received..:** 07/25/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7208138						
Silver	ND	10	ug/L	SW846 6010B	07/31/07	J3H791AK
		Dilution Factor: 1		Analysis Time..: 23:16	MDL.....: 2.8	
Aluminum	ND	100	ug/L	SW846 6010B	07/31/07	J3H791AL
		Dilution Factor: 1		Analysis Time..: 23:16	MDL.....: 18	
Arsenic	ND	15	ug/L	SW846 6010B	07/31/07	J3H791AM
		Dilution Factor: 1		Analysis Time..: 23:16	MDL.....: 4.4	
Barium	**54**	**10**	**ug/L**	**SW846 6010B**	**07/31/07**	**J3H791AN**
		Dilution Factor: 1		Analysis Time..: 23:16	MDL.....: 1.0	
Beryllium	ND	5.0	ug/L	SW846 6010B	07/31/07	J3H791AP
		Dilution Factor: 1		Analysis Time..: 23:16	MDL.....: 0.47	
Calcium	**590000 J**	**200**	**ug/L**	**SW846 6010B**	**07/31/07**	**J3H791AQ**
		Dilution Factor: 1		Analysis Time..: 23:16	MDL.....: 34	
Cadmium	**0.54 B**	**5.0**	**ug/L**	**SW846 6010B**	**07/31/07**	**J3H791AR**
		Dilution Factor: 1		Analysis Time..: 23:16	MDL.....: 0.45	
Cobalt	ND	10	ug/L	SW846 6010B	07/31/07	J3H791AT
		Dilution Factor: 1		Analysis Time..: 23:16	MDL.....: 1.2	
Chromium	ND	10	ug/L	SW846 6010B	07/31/07	J3H791AU
		Dilution Factor: 1		Analysis Time..: 23:16	MDL.....: 2.6	
Copper	**91**	**15**	**ug/L**	**SW846 6010B**	**07/31/07**	**J3H791AV**
		Dilution Factor: 1		Analysis Time..: 23:16	MDL.....: 4.5	
Iron	ND	100	ug/L	SW846 6010B	07/31/07	J3H791AW
		Dilution Factor: 1		Analysis Time..: 23:16	MDL.....: 22	
Potassium	**4600**	**3000**	**ug/L**	**SW846 6010B**	**07/31/07**	**J3H791AX**
		Dilution Factor: 1		Analysis Time..: 23:16	MDL.....: 240	
Magnesium	**180000**	**200**	**ug/L**	**SW846 6010B**	**07/31/07**	**J3H791A0**
		Dilution Factor: 1		Analysis Time..: 23:16	MDL.....: 43	

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Bhate Environmental Associates

Client Sample ID: OT32-TMW01

TOTAL Metals

Lot-Sample #...: D7G250192-003 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	**56**	**10**	**ug/L**	**SW846 6010B**	**07/31/07**	**J3H791A1**
		Dilution Factor: 1		Analysis Time..: 23:16	MDL.....: 1.8	
Sodium	**240000**	**1000**	**ug/L**	**SW846 6010B**	**07/31/07**	**J3H791A2**
		Dilution Factor: 1		Analysis Time..: 23:16	MDL.....: 92	
Nickel	ND	40	ug/L	SW846 6010B	07/31/07	J3H791A3
		Dilution Factor: 1		Analysis Time..: 23:16	MDL.....: 7.8	
Lead	ND	9.0	ug/L	SW846 6010B	07/31/07	J3H791A4
		Dilution Factor: 1		Analysis Time..: 23:16	MDL.....: 2.6	
Antimony	ND	10	ug/L	SW846 6010B	07/31/07	J3H791A5
		Dilution Factor: 1		Analysis Time..: 23:16	MDL.....: 3.1	
Selenium	ND	15	ug/L	SW846 6010B	07/31/07	J3H791A6
		Dilution Factor: 1		Analysis Time..: 23:16	MDL.....: 4.9	
Thallium	ND	15	ug/L	SW846 6010B	07/31/07	J3H791AA
		Dilution Factor: 1		Analysis Time..: 23:16	MDL.....: 4.9	
Vanadium	**9.9 B**	**10**	**ug/L**	**SW846 6010B**	**07/31/07**	**J3H791AC**
		Dilution Factor: 1		Analysis Time..: 23:16	MDL.....: 2.5	
Zinc	**59 J**	**20**	**ug/L**	**SW846 6010B**	**07/31/07**	**J3H791AD**
		Dilution Factor: 1		Analysis Time..: 23:16	MDL.....: 4.5	

Prep Batch #...: 7209156

Mercury	**0.033 B,J**	**0.20**	**ug/L**	**SW846 7470A**	**08/02-08/03/07**	**J3H791AJ**
		Dilution Factor: 1		Analysis Time..: 03:36	MDL.....: 0.027	

NOTE(S):

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: OT37-SB13-25-D

TOTAL Metals

Lot-Sample #...: D7G250192-004 **Matrix.....:** WQ
Date Sampled...: 07/24/07 09:30 **Date Received..:** 07/25/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7208138						
Silver	ND	10	ug/L	SW846 6010B	07/31/07	J3H8F1AH
		Dilution Factor: 1		Analysis Time..: 23:21	MDL.....: 2.8	
Arsenic	ND	15	ug/L	SW846 6010B	07/31/07	J3H8F1AJ
		Dilution Factor: 1		Analysis Time..: 23:21	MDL.....: 4.4	
Barium	**3.2 B**	**10**	**ug/L**	**SW846 6010B**	**07/31/07**	**J3H8F1AE**
		Dilution Factor: 1		Analysis Time..: 23:21	MDL.....: 1.0	
Cadmium	ND	5.0	ug/L	SW846 6010B	07/31/07	J3H8F1AF
		Dilution Factor: 1		Analysis Time..: 23:21	MDL.....: 0.45	
Chromium	ND	10	ug/L	SW846 6010B	07/31/07	J3H8F1AG
		Dilution Factor: 1		Analysis Time..: 23:21	MDL.....: 2.6	
Lead	ND	9.0	ug/L	SW846 6010B	07/31/07	J3H8F1AK
		Dilution Factor: 1		Analysis Time..: 23:21	MDL.....: 2.6	
Selenium	ND	15	ug/L	SW846 6010B	07/31/07	J3H8F1AD
		Dilution Factor: 1		Analysis Time..: 23:21	MDL.....: 4.9	
Prep Batch #...: 7209156						
Mercury	**0.030 B,J**	**0.20**	**ug/L**	**SW846 7470A**	**08/02-08/03/07**	**J3H8F1AL**
		Dilution Factor: 1		Analysis Time..: 03:38	MDL.....: 0.027	

NOTE(S):

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: OT37-SB13-5

TOTAL Metals

Lot-Sample #...: D7G250192-005 **Matrix.....:** SO
Date Sampled...: 07/24/07 09:00 **Date Received..:** 07/25/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7207378						
Mercury	ND	36	ug/kg	SW846 7471A	08/02-08/03/07	J3H8L1AM
		Dilution Factor: 1		Analysis Time..: 15:39	MDL.....: 3.1	
Prep Batch #...: 7208407						
Selenium	ND	1.4	mg/kg	SW846 6010B	08/02/07	J3H8L1AE
		Dilution Factor: 1		Analysis Time..: 20:10	MDL.....: 0.94	
Barium	**71**	**1.1**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3H8L1AF**
		Dilution Factor: 1		Analysis Time..: 20:10	MDL.....: 0.26	
Cadmium	**0.065 B**	**0.55**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3H8L1AG**
		Dilution Factor: 1		Analysis Time..: 20:10	MDL.....: 0.045	
Chromium	**7.6**	**1.6**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3H8L1AH**
		Dilution Factor: 1		Analysis Time..: 20:10	MDL.....: 0.44	
Silver	ND	1.1	mg/kg	SW846 6010B	08/02/07	J3H8L1AJ
		Dilution Factor: 1		Analysis Time..: 20:10	MDL.....: 0.18	
Arsenic	**1.1 B**	**2.2**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3H8L1AK**
		Dilution Factor: 1		Analysis Time..: 20:10	MDL.....: 0.72	
Lead	**3.7**	**0.88**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3H8L1AL**
		Dilution Factor: 1		Analysis Time..: 20:10	MDL.....: 0.30	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: OT37-SB13-25

TOTAL Metals

Lot-Sample #...: D7G250192-006 **Matrix.....:** SO
Date Sampled...: 07/24/07 09:30 **Date Received..:** 07/25/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7207378						
Mercury	ND	43	ug/kg	SW846 7471A	08/02-08/03/07	J3H8R1AM
		Dilution Factor: 1		Analysis Time..: 15:41	MDL.....: 3.6	
Prep Batch #...: 7208407						
Selenium	ND	1.7	mg/kg	SW846 6010B	08/02/07	J3H8R1AE
		Dilution Factor: 1		Analysis Time..: 20:16	MDL.....: 1.1	
Barium	**71**	**1.3**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3H8R1AF**
		Dilution Factor: 1		Analysis Time..: 20:16	MDL.....: 0.31	
Cadmium	ND	0.65	mg/kg	SW846 6010B	08/02/07	J3H8R1AG
		Dilution Factor: 1		Analysis Time..: 20:16	MDL.....: 0.053	
Chromium	**7.9**	**1.9**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3H8R1AH**
		Dilution Factor: 1		Analysis Time..: 20:16	MDL.....: 0.52	
Silver	ND	1.3	mg/kg	SW846 6010B	08/02/07	J3H8R1AJ
		Dilution Factor: 1		Analysis Time..: 20:16	MDL.....: 0.21	
Arsenic	**1.3 B**	**2.6**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3H8R1AK**
		Dilution Factor: 1		Analysis Time..: 20:16	MDL.....: 0.85	
Lead	**3.6**	**1.0**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3H8R1AL**
		Dilution Factor: 1		Analysis Time..: 20:16	MDL.....: 0.35	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: OT37-SB10-5

TOTAL Metals

Lot-Sample #...: D7G250192-007 **Matrix.....:** SO
Date Sampled...: 07/24/07 10:45 **Date Received..:** 07/25/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7207378						
Mercury	ND	45	ug/kg	SW846 7471A	08/02-08/03/07	J3H8X1AM
		Dilution Factor: 1		Analysis Time..: 15:44	MDL.....: 3.8	
Prep Batch #...: 7208407						
Selenium	ND	1.8	mg/kg	SW846 6010B	08/02/07	J3H8X1AE
		Dilution Factor: 1		Analysis Time..: 20:22	MDL.....: 1.2	
Barium	**6.8**	**1.4**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3H8X1AF**
		Dilution Factor: 1		Analysis Time..: 20:22	MDL.....: 0.32	
Cadmium	ND	0.68	mg/kg	SW846 6010B	08/02/07	J3H8X1AG
		Dilution Factor: 1		Analysis Time..: 20:22	MDL.....: 0.055	
Chromium	ND	2.0	mg/kg	SW846 6010B	08/02/07	J3H8X1AH
		Dilution Factor: 1		Analysis Time..: 20:22	MDL.....: 0.54	
Silver	ND	1.4	mg/kg	SW846 6010B	08/02/07	J3H8X1AJ
		Dilution Factor: 1		Analysis Time..: 20:22	MDL.....: 0.22	
Arsenic	ND	2.7	mg/kg	SW846 6010B	08/02/07	J3H8X1AK
		Dilution Factor: 1		Analysis Time..: 20:22	MDL.....: 0.89	
Lead	**0.67 B**	**1.1**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3H8X1AL**
		Dilution Factor: 1		Analysis Time..: 20:22	MDL.....: 0.37	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: OT37-SB10-30

TOTAL Metals

Lot-Sample #...: D7G250192-008 **Matrix.....:** SO
Date Sampled...: 07/24/07 11:00 **Date Received..:** 07/25/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7207378						
Mercury	ND	45	ug/kg	SW846 7471A	08/02-08/03/07	J3H821AM
		Dilution Factor: 1		Analysis Time..: 15:50	MDL.....: 3.8	
Prep Batch #...: 7208407						
Selenium	ND	1.8	mg/kg	SW846 6010B	08/02/07	J3H821AE
		Dilution Factor: 1		Analysis Time..: 20:27	MDL.....: 1.2	
Barium	**26**	**1.4**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3H821AF**
		Dilution Factor: 1		Analysis Time..: 20:27	MDL.....: 0.32	
Cadmium	ND	0.68	mg/kg	SW846 6010B	08/02/07	J3H821AG
		Dilution Factor: 1		Analysis Time..: 20:27	MDL.....: 0.055	
Chromium	**2.9**	**2.0**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3H821AH**
		Dilution Factor: 1		Analysis Time..: 20:27	MDL.....: 0.54	
Silver	ND	1.4	mg/kg	SW846 6010B	08/02/07	J3H821AJ
		Dilution Factor: 1		Analysis Time..: 20:27	MDL.....: 0.22	
Arsenic	ND	2.7	mg/kg	SW846 6010B	08/02/07	J3H821AK
		Dilution Factor: 1		Analysis Time..: 20:27	MDL.....: 0.89	
Lead	**1.8**	**1.1**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3H821AL**
		Dilution Factor: 1		Analysis Time..: 20:27	MDL.....: 0.36	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Bhate Environmental Associates

Client Sample ID: OT37-SB10-30A

TOTAL Metals

Lot-Sample #...: D7G250192-009 **Matrix.....:** SO
Date Sampled...: 07/24/07 11:00 **Date Received..:** 07/25/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7207378						
Mercury	ND	47	ug/kg	SW846 7471A	08/02-08/03/07	J3H831AM
		Dilution Factor: 1		Analysis Time..: 15:53	MDL.....: 4.0	
Prep Batch #...: 7208407						
Selenium	ND	1.9	mg/kg	SW846 6010B	08/02/07	J3H831AE
		Dilution Factor: 1		Analysis Time..: 20:33	MDL.....: 1.2	
Barium	**19**	**1.4**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3H831AF**
		Dilution Factor: 1		Analysis Time..: 20:33	MDL.....: 0.34	
Cadmium	ND	0.72	mg/kg	SW846 6010B	08/02/07	J3H831AG
		Dilution Factor: 1		Analysis Time..: 20:33	MDL.....: 0.059	
Chromium	**3.5**	**2.2**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3H831AH**
		Dilution Factor: 1		Analysis Time..: 20:33	MDL.....: 0.57	
Silver	ND	1.4	mg/kg	SW846 6010B	08/02/07	J3H831AJ
		Dilution Factor: 1		Analysis Time..: 20:33	MDL.....: 0.23	
Arsenic	ND	2.9	mg/kg	SW846 6010B	08/02/07	J3H831AK
		Dilution Factor: 1		Analysis Time..: 20:33	MDL.....: 0.95	
Lead	**2.2**	**1.1**	**mg/kg**	**SW846 6010B**	**08/02/07**	**J3H831AL**
		Dilution Factor: 1		Analysis Time..: 20:33	MDL.....: 0.39	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Bhate Environmental Associates

Client Sample ID: OT32-TMW03

General Chemistry

Lot-Sample #...: D7G250192-001 **Work Order #...:** J3H70 **Matrix.....:** WG
Date Sampled...: 07/24/07 08:30 **Date Received..:** 07/25/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids	**14000 Q**	**50**	**mg/L**	**MCAWW 160.1**	**07/30/07**	**7211582**

Dilution Factor: 5 Analysis Time..: 14:15 MDL.....: 24

NOTE(S):

RL Reporting Limit

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

J Result is greater than sample detection limit but less than stated reporting limit.

Bhate Environmental Associates

Client Sample ID: OT32-TMW02

General Chemistry

Lot-Sample #...: D7G250192-002 **Work Order #...:** J3H76 **Matrix.....:** WG
Date Sampled...: 07/24/07 09:40 **Date Received..:** 07/25/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids	**9300 Q**	**40**	**mg/L**	**MCAWW 160.1**	**07/30/07**	**7211582**

Dilution Factor: 4 Analysis Time..: 14:15 MDL.....: 19

NOTE(S):

RL Reporting Limit

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

J Result is greater than sample detection limit but less than stated reporting limit.

Bhate Environmental Associates

Client Sample ID: OT32-TMW01

General Chemistry

Lot-Sample #...: D7G250192-003 **Work Order #...:** J3H79 **Matrix.....:** WG
Date Sampled...: 07/24/07 10:30 **Date Received..:** 07/25/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids	**4200 Q**	**20**	**mg/L**	**MCAWW 160.1**	**07/30/07**	**7211582**

Dilution Factor: 2 Analysis Time..: 14:15 MDL.....: 9.4

NOTE(S):

RL Reporting Limit

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

J Result is greater than sample detection limit but less than stated reporting limit.

Bhate Environmental Associates

Client Sample ID: OT37-SB13-5

General Chemistry

Lot-Sample #...: D7G250192-005 **Work Order #...:** J3H8L **Matrix.....:** SO
Date Sampled...: 07/24/07 09:00 **Date Received..:** 07/25/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**8.9**	**0.10**	**%**	**MCAWW 160.3 MOD**	**07/27-08/04/07**	**7208488**
		Dilution Factor: 1		Analysis Time..: 14:00	MDL.....: 0.0	

Bhate Environmental Associates

Client Sample ID: OT37-SB13-25

General Chemistry

Lot-Sample #...: D7G250192-006 **Work Order #...:** J3H8R **Matrix.....:** SO
Date Sampled...: 07/24/07 09:30 **Date Received..:** 07/25/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**23**	**0.10**	**%**	**MCAWW 160.3 MOD**	**07/27-08/04/07**	**7208488**

Dilution Factor: 1 Analysis Time..: 14:00 MDL.....: 0.0

Bhate Environmental Associates

Client Sample ID: OT37-SB10-5

General Chemistry

Lot-Sample #...: D7G250192-007 **Work Order #...:** J3H8X **Matrix.....:** SO
Date Sampled...: 07/24/07 10:45 **Date Received..:** 07/25/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**26**	**0.10**	**%**	**MCAWW 160.3 MOD**	**07/27-08/04/07**	**7208488**

Dilution Factor: 1 Analysis Time..: 14:00 MDL.....: 0.0

Bhate Environmental Associates

Client Sample ID: OT37-SB10-30

General Chemistry

Lot-Sample #...: D7G250192-008 **Work Order #...:** J3H82 **Matrix.....:** SO
Date Sampled...: 07/24/07 11:00 **Date Received..:** 07/25/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**26**	**0.10**	**%**	**MCAWW 160.3 MOD**	**07/27-08/04/07**	**7208488**

Dilution Factor: 1 Analysis Time..: 14:00 MDL.....: 0.0

Bhate Environmental Associates

Client Sample ID: OT37-SB10-30A

General Chemistry

Lot-Sample #...: D7G250192-009 **Work Order #...:** J3H83 **Matrix.....:** SO
Date Sampled...: 07/24/07 11:00 **Date Received..:** 07/25/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**30**	**0.10**	**%**	**MCAWW 160.3 MOD**	**07/27-08/04/07**	**7208488**

Dilution Factor: 1 Analysis Time..: 14:00 MDL.....: 0.0

Bhate Environmental Associates

Client Sample ID: OT32-TMW03

Severn Trent Laboratories - Radiochemistry

Lab Sample ID:	D7G250192-001	Date Collected:	07/24/07 0830
Work Order:	J3H70	Date Received:	07/25/07 0900
Matrix:	WG		

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	RL	MDC	Prep Date	Analysis Date
TRITIUM (Distill) by EPA 906.0 MOD			**pCi/L**			**Batch # 7211298**	**Yld %**
Tritium	-70	U	220	500	380	08/02/07	08/03/07

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.

Bold results are greater than the MDC

U Result is less than the sample detection limit.

Bhate Environmental Associates

Client Sample ID: OT32-TMW02

Severn Trent Laboratories - Radiochemistry

Lab Sample ID: D7G250192-002
Work Order: J3H76
Matrix: WG

Date Collected: 07/24/07 0940
Date Received: 07/25/07 0900

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	RL	MDC	Prep Date	Analysis Date
TRITIUM (Distill) by EPA 906.0 MOD			**pCi/L**			**Batch # 7211298**	**Yld %**
Tritium	-100	U	210	500	380	08/02/07	08/03/07

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.

Bold results are greater than the MDC

U Result is less than the sample detection limit.

Bhate Environmental Associates

Client Sample ID: OT32-TMW01

Severn Trent Laboratories - Radiochemistry

Lab Sample ID: D7G250192-003
Work Order: J3H79
Matrix: WG

Date Collected: 07/24/07 1030
Date Received: 07/25/07 0900

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	RL	MDC	Prep Date	Analysis Date
TRITIUM (Distill) by EPA 906.0 MOD			**pCi/L**			**Batch # 7211298**	**Yld %**
Tritium	20	U	220	500	380	08/02/07	08/03/07

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.

Bold results are greater than the MDC

U Result is less than the sample detection limit.

QC DATA ASSOCIATION SUMMARY

D7G250192

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WG	MCAWW 160.1		7211582	7215155
	WG	SW846 7470A		7209156	7212100
	WG	SW846 8260B		7214323	7215171
	WG	SW846 8270C		7208174	
	WG	SW846 6010B		7208138	7208076
	WG	EPA 906.0 MOD		7211298	7213092
002	WG	MCAWW 160.1		7211582	7215155
	WG	SW846 7470A		7209156	7212100
	WG	SW846 8260B		7214323	7215171
	WG	SW846 8270C		7208174	
	WG	SW846 6010B		7208138	7208076
	WG	EPA 906.0 MOD		7211298	7213092
003	WG	MCAWW 160.1		7211582	7215155
	WG	SW846 7470A		7209156	7212100
	WG	SW846 8260B		7214323	7215171
	WG	SW846 8270C		7208174	
	WG	SW846 6010B		7208138	7208076
	WG	EPA 906.0 MOD		7211298	7213092
004	WQ	SW846 8015B		7206582	
	WQ	SW846 8015B		7211389	7211209
	WQ	SW846 7470A		7209156	7212100
	WQ	SW846 8082		7206563	7206336
	WQ	SW846 8260B		7214323	7215171
	WQ	SW846 8270C		7208174	
	WQ	SW846 6010B		7208138	7208076
	WQ	SW846 6860		7213214	7213147
005	SO	SW846 8015B		7205520	7205321
	SO	SW846 8015B		7213205	7213139
	SO	SW846 7471A		7207378	7207224
	SO	SW846 8082		7207306	7207165
	SO	SW846 8260B		7215228	
	SO	SW846 8270C		7207139	7207060
	SO	SW846 6010B		7208407	7208255
	SO	MCAWW 160.3 MOD		7208488	7208298
	SO	SW846 6860		7212140	7212074
006	SO	SW846 8015B		7205520	7205321
	SO	SW846 8015B		7213205	7213139
	SO	SW846 7471A		7207378	7207224

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QC DATA ASSOCIATION SUMMARY

D7G250192

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
006	SO	SW846 8082		7207306	7207165
	SO	SW846 8260B		7215228	
	SO	SW846 8270C		7207139	7207060
	SO	SW846 6010B		7208407	7208255
	SO	MCAWW 160.3 MOD		7208488	7208298
	SO	SW846 6860		7212140	7212074
007	SO	SW846 8015B		7205520	7205321
	SO	SW846 8015B		7213205	7213139
	SO	SW846 7471A		7207378	7207224
	SO	SW846 8082		7207306	7207165
	SO	SW846 8260B		7215228	
	SO	SW846 8270C		7213165	7213101
	SO	SW846 6010B		7208407	7208255
	SO	MCAWW 160.3 MOD		7208488	7208298
	SO	SW846 6860		7212140	7212074
008	SO	SW846 8015B		7205520	7205321
	SO	SW846 8015B		7213205	7213139
	SO	SW846 7471A		7207378	7207224
	SO	SW846 8082		7207306	7207165
	SO	SW846 8260B		7215228	
	SO	SW846 8270C		7207139	7207060
	SO	SW846 6010B		7208407	7208255
	SO	MCAWW 160.3 MOD		7208488	7208298
	SO	SW846 6860		7212140	7212074
009	SO	SW846 8015B		7205520	7205321
	SO	SW846 8015B		7213205	7213139
	SO	SW846 7471A		7207378	7207224
	SO	SW846 8082		7207306	7207165
	SO	SW846 8260B		7215228	
	SO	SW846 8270C		7207139	7207060
	SO	SW846 6010B		7208407	7208255
	SO	MCAWW 160.3 MOD		7208488	7208298
	SO	SW846 6860		7212140	7212074
010	WQ	SW846 8260B		7214323	7215171
011	WQ	SW846 8260B		7214323	7215171

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QC DATA ASSOCIATION SUMMARY

D7G250192

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
012	WQ	SW846 8260B		7214323	7215171
013	WQ	SW846 8260B		7214323	7215171
014	WQ	SW846 8260B		7214323	7215171

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: D7G250192 **Work Order #...:** J36PF1AA **Matrix.....:** WATER
MB Lot-Sample #: D7H020000-323

Prep Date.....: 08/01/07 **Analysis Time..:** 14:42
Analysis Date..: 08/01/07 **Prep Batch #...:** 7214323
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	10	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	2.0	ug/L	SW846 8260B
2-Butanone (MEK)	ND	6.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	2.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	2.0	ug/L	SW846 8260B
Dibromomethane	ND	1.0	ug/L	SW846 8260B
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	2.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethene (total)	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	5.0	ug/L	SW846 8260B
Methylene chloride	**0.69 J**	**5.0**	**ug/L**	**SW846 8260B**
4-Methyl-2-pentanone	ND	5.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
1,2,4-Trichloro-benzene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: D7G250192 **Work Order #...:** J36PF1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Trichlorofluoromethane	ND	2.0	ug/L	SW846 8260B
1,2,3-Trichloropropane	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	2.0	ug/L	SW846 8260B
n-Butylbenzene	ND	1.0	ug/L	SW846 8260B
sec-Butylbenzene	ND	1.0	ug/L	SW846 8260B
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
1,3,5-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
n-Propylbenzene	ND	1.0	ug/L	SW846 8260B
tert-Butylbenzene	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
2-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
4-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	SW846 8260B
1,3-Dichloropropane	ND	1.0	ug/L	SW846 8260B
2,2-Dichloropropane	ND	5.0	ug/L	SW846 8260B
1,1-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Hexachlorobutadiene	ND	1.0	ug/L	SW846 8260B
4-Isopropyltoluene	ND	1.0	ug/L	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/L	SW846 8260B
1,2,3-Trichlorobenzene	ND	1.0	ug/L	SW846 8260B
m-Xylene & p-Xylene	ND	2.0	ug/L	SW846 8260B
o-Xylene	ND	1.0	ug/L	SW846 8260B
Bromobenzene	ND	1.0	ug/L	SW846 8260B
Bromochloromethane	ND	1.0	ug/L	SW846 8260B
Naphthalene	ND	1.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	100	(77 - 119)
1,2-Dichloroethane-d4	94	(70 - 127)
4-Bromofluorobenzene	95	(78 - 118)
Toluene-d8	93	(83 - 125)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: D7G250192 **Work Order #...:** J381Q1AA **Matrix.....:** SOLID
MB Lot-Sample #: D7H030000-228

Prep Date.....: 07/25/07 **Analysis Time..:** 11:29
Analysis Date..: 08/02/07 **Prep Batch #...:** 7215228
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	20	ug/kg	SW846 8260B
Benzene	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Bromomethane	ND	10	ug/kg	SW846 8260B
2-Butanone (MEK)	**9.4 J**	**20**	**ug/kg**	**SW846 8260B**
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Chloroethane	ND	10	ug/kg	SW846 8260B
Chloroform	ND	10	ug/kg	SW846 8260B
Chloromethane	ND	10	ug/kg	SW846 8260B
Dibromomethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromoethane (EDB)	ND	5.0	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dichlorodifluoromethane	ND	10	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethene (total)	ND	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	2.5	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	2.5	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
2-Hexanone	ND	20	ug/kg	SW846 8260B
Methylene chloride	ND	5.0	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	20	ug/kg	SW846 8260B
Styrene	ND	5.0	ug/kg	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: D7G250192 **Work Order #...:** J381Q1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Trichlorofluoromethane	ND	10	ug/kg	SW846 8260B
1,2,3-Trichloropropane	ND	5.0	ug/kg	SW846 8260B
Vinyl chloride	ND	5.0	ug/kg	SW846 8260B
Xylenes (total)	ND	5.0	ug/kg	SW846 8260B
n-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
sec-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
n-Propylbenzene	ND	5.0	ug/kg	SW846 8260B
tert-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B
2-Chlorotoluene	ND	5.0	ug/kg	SW846 8260B
4-Chlorotoluene	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	ND	10	ug/kg	SW846 8260B
1,3-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
2,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
Hexachlorobutadiene	ND	5.0	ug/kg	SW846 8260B
4-Isopropyltoluene	ND	5.0	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	20	ug/kg	SW846 8260B
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	SW846 8260B
m-Xylene & p-Xylene	ND	2.5	ug/kg	SW846 8260B
o-Xylene	ND	2.5	ug/kg	SW846 8260B
Bromobenzene	ND	5.0	ug/kg	SW846 8260B
Bromochloromethane	ND	5.0	ug/kg	SW846 8260B
Naphthalene	ND	5.0	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	102	(75 - 121)
1,2-Dichloroethane-d4	83	(58 - 140)
4-Bromofluorobenzene	96	(76 - 127)
Toluene-d8	100	(80 - 126)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7G250192
LCS Lot-Sample#: D7H020000-323
Prep Date.....: 08/01/07
Prep Batch #...: 7214323
Dilution Factor: 1

Work Order #...: J36PF1AC

Analysis Date..: 08/01/07
Analysis Time..: 14:05

Matrix.....: WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Acetone	99	(48 - 130)	SW846 8260B
Benzene	85	(77 - 118)	SW846 8260B
Bromodichloromethane	96	(78 - 118)	SW846 8260B
Bromoform	101	(74 - 121)	SW846 8260B
Bromomethane	92	(42 - 154)	SW846 8260B
2-Butanone (MEK)	92	(57 - 120)	SW846 8260B
Carbon tetrachloride	98	(80 - 120)	SW846 8260B
Chlorobenzene	98	(78 - 118)	SW846 8260B
Chloroethane	89	(51 - 133)	SW846 8260B
Chloroform	98	(78 - 118)	SW846 8260B
Chloromethane	84	(46 - 142)	SW846 8260B
Dibromomethane	109	(77 - 117)	SW846 8260B
1,2-Dibromoethane (EDB)	106	(77 - 117)	SW846 8260B
1,2-Dichlorobenzene	99	(76 - 116)	SW846 8260B
1,3-Dichlorobenzene	95	(75 - 115)	SW846 8260B
1,4-Dichlorobenzene	97	(77 - 117)	SW846 8260B
Dichlorodifluoromethane	87	(56 - 140)	SW846 8260B
1,1-Dichloroethane	99	(77 - 117)	SW846 8260B
1,2-Dichloroethane	96	(74 - 120)	SW846 8260B
1,1-Dichloroethene	104	(68 - 133)	SW846 8260B
1,2-Dichloroethene (total)	98	(78 - 118)	SW846 8260B
cis-1,2-Dichloroethene	96	(75 - 115)	SW846 8260B
trans-1,2-Dichloroethene	100	(80 - 120)	SW846 8260B
1,2-Dichloropropane	103	(76 - 116)	SW846 8260B
cis-1,3-Dichloropropene	105	(76 - 116)	SW846 8260B
trans-1,3-Dichloropropene	108	(72 - 117)	SW846 8260B
Ethylbenzene	94	(78 - 118)	SW846 8260B
2-Hexanone	104	(57 - 121)	SW846 8260B
Methylene chloride	105	(71 - 119)	SW846 8260B
4-Methyl-2-pentanone	106	(65 - 118)	SW846 8260B
Styrene	107	(77 - 117)	SW846 8260B
1,1,1,2-Tetrachloroethane	90	(77 - 117)	SW846 8260B
1,1,2,2-Tetrachloroethane	109	(73 - 119)	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7G250192 **Work Order #...:** J36PF1AC **Matrix.....:** WATER
LCS Lot-Sample#: D7H020000-323

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Tetrachloroethene	93	(77 - 117)	SW846 8260B
Toluene	88	(73 - 120)	SW846 8260B
1,2,4-Trichloro-benzene	101	(73 - 121)	SW846 8260B
1,1,1-Trichloroethane	101	(78 - 118)	SW846 8260B
1,1,2-Trichloroethane	105	(76 - 116)	SW846 8260B
Trichloroethene	93	(78 - 122)	SW846 8260B
Trichlorofluoromethane	98	(63 - 135)	SW846 8260B
1,2,3-Trichloropropane	100	(72 - 120)	SW846 8260B
Vinyl chloride	88	(49 - 136)	SW846 8260B
Xylenes (total)	97	(77 - 117)	SW846 8260B
n-Butylbenzene	98	(76 - 117)	SW846 8260B
sec-Butylbenzene	95	(80 - 120)	SW846 8260B
Isopropylbenzene	88	(71 - 111)	SW846 8260B
1,2,4-Trimethylbenzene	93	(77 - 117)	SW846 8260B
1,3,5-Trimethylbenzene	94	(77 - 117)	SW846 8260B
n-Propylbenzene	93	(76 - 116)	SW846 8260B
tert-Butylbenzene	94	(76 - 116)	SW846 8260B
Carbon disulfide	69	(56 - 104)	SW846 8260B
Dibromochloromethane	94	(76 - 116)	SW846 8260B
2-Chlorotoluene	92	(76 - 116)	SW846 8260B
4-Chlorotoluene	92	(78 - 118)	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	88	(65 - 117)	SW846 8260B
1,3-Dichloropropane	98	(75 - 115)	SW846 8260B
2,2-Dichloropropane	96	(72 - 128)	SW846 8260B
1,1-Dichloropropene	100	(75 - 115)	SW846 8260B
Hexachlorobutadiene	96	(73 - 123)	SW846 8260B
4-Isopropyltoluene	94	(76 - 113)	SW846 8260B
Methyl tert-butyl ether	94	(58 - 116)	SW846 8260B
1,2,3-Trichlorobenzene	101	(66 - 123)	SW846 8260B
m-Xylene & p-Xylene	96	(78 - 118)	SW846 8260B
o-Xylene	98	(77 - 117)	SW846 8260B
Bromobenzene	99	(75 - 115)	SW846 8260B
Bromochloromethane	96	(78 - 118)	SW846 8260B
Naphthalene	102	(62 - 121)	SW846 8260B
Vinyl acetate	103	(63 - 124)	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7G250192 **Work Order #...:** J36PF1AC **Matrix.....:** WATER
LCS Lot-Sample#: D7H020000-323

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
2-Pentanone	**103**	**(42 - 115)**	**SW846 8260B**
2-Chloroethyl vinyl ether	**99**	**(17 - 150)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	95	(77 - 119)
1,2-Dichloroethane-d4	93	(70 - 127)
4-Bromofluorobenzene	87	(78 - 118)
Toluene-d8	90	(83 - 125)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7G250192 **Work Order #...:** J36PF1AC **Matrix.....:** WATER
LCS Lot-Sample#: D7H020000-323
Prep Date.....: 08/01/07 **Analysis Date..:** 08/01/07
Prep Batch #...: 7214323 **Analysis Time..:** 14:05
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Acetone	10.0	9.85	ug/L	99	SW846 8260B
Benzene	5.00	4.23	ug/L	85	SW846 8260B
Bromodichloromethane	5.00	4.79	ug/L	96	SW846 8260B
Bromoform	5.00	5.04	ug/L	101	SW846 8260B
Bromomethane	5.00	4.60	ug/L	92	SW846 8260B
2-Butanone (MEK)	10.0	9.24	ug/L	92	SW846 8260B
Carbon tetrachloride	5.00	4.92	ug/L	98	SW846 8260B
Chlorobenzene	5.00	4.90	ug/L	98	SW846 8260B
Chloroethane	5.00	4.47	ug/L	89	SW846 8260B
Chloroform	5.00	4.88	ug/L	98	SW846 8260B
Chloromethane	5.00	4.18	ug/L	84	SW846 8260B
Dibromomethane	5.00	5.43	ug/L	109	SW846 8260B
1,2-Dibromoethane (EDB)	5.00	5.31	ug/L	106	SW846 8260B
1,2-Dichlorobenzene	5.00	4.97	ug/L	99	SW846 8260B
1,3-Dichlorobenzene	5.00	4.76	ug/L	95	SW846 8260B
1,4-Dichlorobenzene	5.00	4.86	ug/L	97	SW846 8260B
Dichlorodifluoromethane	5.00	4.34	ug/L	87	SW846 8260B
1,1-Dichloroethane	5.00	4.96	ug/L	99	SW846 8260B
1,2-Dichloroethane	5.00	4.80	ug/L	96	SW846 8260B
1,1-Dichloroethene	5.00	5.22	ug/L	104	SW846 8260B
1,2-Dichloroethene (total)	10.0	9.76	ug/L	98	SW846 8260B
cis-1,2-Dichloroethene	5.00	4.78	ug/L	96	SW846 8260B
trans-1,2-Dichloroethene	5.00	4.98	ug/L	100	SW846 8260B
1,2-Dichloropropane	5.00	5.14	ug/L	103	SW846 8260B
cis-1,3-Dichloropropene	5.00	5.23	ug/L	105	SW846 8260B
trans-1,3-Dichloropropene	5.00	5.40	ug/L	108	SW846 8260B
Ethylbenzene	5.00	4.69	ug/L	94	SW846 8260B
2-Hexanone	10.0	10.4	ug/L	104	SW846 8260B
Methylene chloride	5.00	5.27	ug/L	105	SW846 8260B
4-Methyl-2-pentanone	10.0	10.6	ug/L	106	SW846 8260B
Styrene	5.00	5.36	ug/L	107	SW846 8260B
1,1,1,2-Tetrachloroethane	5.00	4.51	ug/L	90	SW846 8260B
1,1,2,2-Tetrachloroethane	5.00	5.46	ug/L	109	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7G250192 **Work Order #...:** J36PF1AC **Matrix.....:** WATER
LCS Lot-Sample#: D7H020000-323

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Tetrachloroethene	5.00	4.67	ug/L	93	SW846 8260B
Toluene	5.00	4.40	ug/L	88	SW846 8260B
1,2,4-Trichloro-benzene	5.00	5.06	ug/L	101	SW846 8260B
1,1,1-Trichloroethane	5.00	5.07	ug/L	101	SW846 8260B
1,1,2-Trichloroethane	5.00	5.23	ug/L	105	SW846 8260B
Trichloroethene	5.00	4.67	ug/L	93	SW846 8260B
Trichlorofluoromethane	5.00	4.90	ug/L	98	SW846 8260B
1,2,3-Trichloropropane	5.00	5.00	ug/L	100	SW846 8260B
Vinyl chloride	5.00	4.42	ug/L	88	SW846 8260B
Xylenes (total)	15.0	14.5	ug/L	97	SW846 8260B
n-Butylbenzene	5.00	4.90	ug/L	98	SW846 8260B
sec-Butylbenzene	5.00	4.74	ug/L	95	SW846 8260B
Isopropylbenzene	5.00	4.41	ug/L	88	SW846 8260B
1,2,4-Trimethylbenzene	5.00	4.66	ug/L	93	SW846 8260B
1,3,5-Trimethylbenzene	5.00	4.72	ug/L	94	SW846 8260B
n-Propylbenzene	5.00	4.65	ug/L	93	SW846 8260B
tert-Butylbenzene	5.00	4.68	ug/L	94	SW846 8260B
Carbon disulfide	5.00	3.47	ug/L	69	SW846 8260B
Dibromochloromethane	5.00	4.68	ug/L	94	SW846 8260B
2-Chlorotoluene	5.00	4.62	ug/L	92	SW846 8260B
4-Chlorotoluene	5.00	4.62	ug/L	92	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	5.00	4.41	ug/L	88	SW846 8260B
1,3-Dichloropropane	5.00	4.88	ug/L	98	SW846 8260B
2,2-Dichloropropane	5.00	4.79	ug/L	96	SW846 8260B
1,1-Dichloropropene	5.00	4.98	ug/L	100	SW846 8260B
Hexachlorobutadiene	5.00	4.82	ug/L	96	SW846 8260B
4-Isopropyltoluene	5.00	4.71	ug/L	94	SW846 8260B
Methyl tert-butyl ether	10.0	9.40	ug/L	94	SW846 8260B
1,2,3-Trichlorobenzene	5.00	5.05	ug/L	101	SW846 8260B
m-Xylene & p-Xylene	10.0	9.57	ug/L	96	SW846 8260B
o-Xylene	5.00	4.92	ug/L	98	SW846 8260B
Bromobenzene	5.00	4.95	ug/L	99	SW846 8260B
Bromochloromethane	5.00	4.78	ug/L	96	SW846 8260B
Naphthalene	5.00	5.12	ug/L	102	SW846 8260B
Vinyl acetate	5.00	5.13	ug/L	103	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7G250192 **Work Order #...:** J36PF1AC **Matrix.....:** WATER
LCS Lot-Sample#: D7H020000-323

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
2-Pentanone	**10.0**	**10.3**	**ug/L**	**103**	**SW846 8260B**
2-Chloroethyl vinyl ether	**5.00**	**4.94**	**ug/L**	**99**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	95	(77 - 119)
1,2-Dichloroethane-d4	93	(70 - 127)
4-Bromofluorobenzene	87	(78 - 118)
Toluene-d8	90	(83 - 125)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7G250192
LCS Lot-Sample#: D7H030000-228
Prep Date.....: 07/25/07
Prep Batch #...: 7215228
Dilution Factor: 1

Work Order #...: J381Q1AC-LCS
J381Q1AD-LCSD
Analysis Date..: 08/02/07
Analysis Time..: 08:34

Matrix.....: SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acetone	82	(45 - 184)			SW846 8260B
	73	(45 - 184)	11	(0-28)	SW846 8260B
Benzene	103	(76 - 116)			SW846 8260B
	94	(76 - 116)	9.5	(0-20)	SW846 8260B
Bromodichloromethane	101	(74 - 125)			SW846 8260B
	90	(74 - 125)	11	(0-20)	SW846 8260B
Bromoform	97	(75 - 115)			SW846 8260B
	86	(75 - 115)	12	(0-20)	SW846 8260B
Bromomethane	122	(40 - 149)			SW846 8260B
	106	(40 - 149)	14	(0-22)	SW846 8260B
2-Butanone (MEK)	86	(58 - 150)			SW846 8260B
	79	(58 - 150)	8.8	(0-32)	SW846 8260B
Carbon tetrachloride	100	(69 - 147)			SW846 8260B
	93	(69 - 147)	7.2	(0-20)	SW846 8260B
Chlorobenzene	92	(74 - 114)			SW846 8260B
	83	(74 - 114)	9.4	(0-20)	SW846 8260B
Chloroethane	112	(51 - 155)			SW846 8260B
	99	(51 - 155)	13	(0-22)	SW846 8260B
Chloroform	100	(77 - 125)			SW846 8260B
	90	(77 - 125)	9.8	(0-20)	SW846 8260B
Chloromethane	101	(47 - 148)			SW846 8260B
	88	(47 - 148)	13	(0-25)	SW846 8260B
Dibromomethane	103	(77 - 117)			SW846 8260B
	90	(77 - 117)	13	(0-20)	SW846 8260B
1,2-Dibromoethane (EDB)	91	(75 - 115)			SW846 8260B
	81	(75 - 115)	12	(0-20)	SW846 8260B
1,2-Dichlorobenzene	90	(72 - 112)			SW846 8260B
	82	(72 - 112)	8.7	(0-20)	SW846 8260B
1,3-Dichlorobenzene	91	(74 - 114)			SW846 8260B
	84	(74 - 114)	7.1	(0-20)	SW846 8260B
1,4-Dichlorobenzene	90	(73 - 113)			SW846 8260B
	81	(73 - 113)	9.6	(0-22)	SW846 8260B
Dichlorodifluoromethane	107	(42 - 178)			SW846 8260B
	99	(42 - 178)	8.3	(0-28)	SW846 8260B
1,1-Dichloroethane	97	(74 - 114)			SW846 8260B
	88	(74 - 114)	8.8	(0-20)	SW846 8260B
1,2-Dichloroethane	98	(62 - 142)			SW846 8260B
	88	(62 - 142)	10	(0-20)	SW846 8260B
1,1-Dichloroethene	115	(77 - 143)			SW846 8260B
	106	(77 - 143)	8.0	(0-20)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7G250192 **Work Order #...:** J381Q1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: D7H030000-228 J381Q1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2-Dichloroethene (total)	103	(80 - 120)			SW846 8260B
	94	(80 - 120)	8.6	(0-20)	SW846 8260B
cis-1,2-Dichloroethene	102	(75 - 115)			SW846 8260B
	93	(75 - 115)	9.2	(0-20)	SW846 8260B
trans-1,2-Dichloroethene	104	(82 - 127)			SW846 8260B
	96	(82 - 127)	8.0	(0-20)	SW846 8260B
1,2-Dichloropropane	101	(74 - 114)			SW846 8260B
	92	(74 - 114)	10	(0-20)	SW846 8260B
cis-1,3-Dichloropropene	106	(77 - 117)			SW846 8260B
	95	(77 - 117)	11	(0-20)	SW846 8260B
trans-1,3-Dichloropropene	95	(71 - 120)			SW846 8260B
	86	(71 - 120)	10	(0-20)	SW846 8260B
Ethylbenzene	90	(78 - 118)			SW846 8260B
	83	(78 - 118)	8.2	(0-20)	SW846 8260B
2-Hexanone	82	(58 - 136)			SW846 8260B
	74	(58 - 136)	10	(0-29)	SW846 8260B
Methylene chloride	108	(76 - 116)			SW846 8260B
	98	(76 - 116)	10	(0-21)	SW846 8260B
4-Methyl-2-pentanone	89	(62 - 130)			SW846 8260B
	80	(62 - 130)	10	(0-25)	SW846 8260B
Styrene	95	(77 - 117)			SW846 8260B
	86	(77 - 117)	11	(0-20)	SW846 8260B
1,1,1,2-Tetrachloroethane	96	(76 - 116)			SW846 8260B
	87	(76 - 116)	10	(0-20)	SW846 8260B
1,1,2,2-Tetrachloroethane	88	(68 - 119)			SW846 8260B
	82	(68 - 119)	6.3	(0-21)	SW846 8260B
Tetrachloroethene	99	(71 - 111)			SW846 8260B
	92	(71 - 111)	7.7	(0-20)	SW846 8260B
Toluene	92	(72 - 113)			SW846 8260B
	85	(72 - 113)	8.1	(0-20)	SW846 8260B
1,2,4-Trichloro-benzene	92	(73 - 116)			SW846 8260B
	77	(73 - 116)	18	(0-26)	SW846 8260B
1,1,1-Trichloroethane	98	(67 - 143)			SW846 8260B
	90	(67 - 143)	8.6	(0-20)	SW846 8260B
1,1,2-Trichloroethane	94	(69 - 109)			SW846 8260B
	84	(69 - 109)	11	(0-20)	SW846 8260B
Trichloroethene	105	(78 - 118)			SW846 8260B
	95	(78 - 118)	9.5	(0-20)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7G250192 **Work Order #...:** J381Q1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: D7H030000-228 J381Q1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Trichlorofluoromethane	126	(50 - 155)			SW846 8260B
	110	(50 - 155)	13	(0-33)	SW846 8260B
1,2,3-Trichloropropane	77	(72 - 122)			SW846 8260B
	72	(72 - 122)	5.9	(0-21)	SW846 8260B
Vinyl chloride	107	(45 - 148)			SW846 8260B
	94	(45 - 148)	13	(0-24)	SW846 8260B
Xylenes (total)	90	(77 - 117)			SW846 8260B
	82	(77 - 117)	9.0	(0-20)	SW846 8260B
n-Butylbenzene	86	(66 - 130)			SW846 8260B
	80	(66 - 130)	7.5	(0-21)	SW846 8260B
sec-Butylbenzene	89	(79 - 128)			SW846 8260B
	86	(79 - 128)	4.0	(0-22)	SW846 8260B
Isopropylbenzene	84	(71 - 111)			SW846 8260B
	77	(71 - 111)	8.8	(0-20)	SW846 8260B
1,2,4-Trimethylbenzene	82	(78 - 126)			SW846 8260B
	78	(78 - 126)	6.0	(0-20)	SW846 8260B
1,3,5-Trimethylbenzene	82	(77 - 125)			SW846 8260B
	78	(77 - 125)	4.9	(0-21)	SW846 8260B
n-Propylbenzene	82	(79 - 120)			SW846 8260B
	78 a	(79 - 120)	4.3	(0-22)	SW846 8260B
tert-Butylbenzene	83	(77 - 124)			SW846 8260B
	80	(77 - 124)	3.8	(0-22)	SW846 8260B
Carbon disulfide	78	(49 - 121)			SW846 8260B
	70	(49 - 121)	11	(0-24)	SW846 8260B
Dibromochloromethane	96	(74 - 114)			SW846 8260B
	87	(74 - 114)	10	(0-20)	SW846 8260B
2-Chlorotoluene	86	(80 - 120)			SW846 8260B
	81	(80 - 120)	5.3	(0-22)	SW846 8260B
4-Chlorotoluene	82	(77 - 117)			SW846 8260B
	78	(77 - 117)	5.2	(0-20)	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	84	(60 - 120)			SW846 8260B
	73	(60 - 120)	14	(0-28)	SW846 8260B
1,3-Dichloropropane	93	(72 - 112)			SW846 8260B
	84	(72 - 112)	10	(0-20)	SW846 8260B
2,2-Dichloropropane	100	(64 - 144)			SW846 8260B
	92	(64 - 144)	7.7	(0-20)	SW846 8260B
1,1-Dichloropropene	99	(76 - 123)			SW846 8260B
	92	(76 - 123)	7.7	(0-20)	SW846 8260B
Hexachlorobutadiene	96	(69 - 125)			SW846 8260B
	83	(69 - 125)	15	(0-25)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7G250192 **Work Order #...:** J381Q1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: D7H030000-228 J381Q1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
4-Isopropyltoluene	**82**	**(73 - 118)**			**SW846 8260B**
	78	**(73 - 118)**	**4.8**	**(0-20)**	**SW846 8260B**
Methyl tert-butyl ether	**88**	**(69 - 129)**			**SW846 8260B**
	78	**(69 - 129)**	**11**	**(0-20)**	**SW846 8260B**
1,2,3-Trichlorobenzene	**106**	**(69 - 113)**			**SW846 8260B**
	85	**(69 - 113)**	**23**	**(0-31)**	**SW846 8260B**
m-Xylene & p-Xylene	**90**	**(77 - 117)**			**SW846 8260B**
	82	**(77 - 117)**	**9.0**	**(0-20)**	**SW846 8260B**
o-Xylene	**90**	**(77 - 117)**			**SW846 8260B**
	83	**(77 - 117)**	**8.9**	**(0-20)**	**SW846 8260B**
Bromobenzene	**88**	**(74 - 114)**			**SW846 8260B**
	82	**(74 - 114)**	**7.1**	**(0-22)**	**SW846 8260B**
Bromochloromethane	**107**	**(77 - 117)**			**SW846 8260B**
	96	**(77 - 117)**	**11**	**(0-21)**	**SW846 8260B**
Naphthalene	**95**	**(65 - 113)**			**SW846 8260B**
	77	**(65 - 113)**	**21**	**(0-38)**	**SW846 8260B**
Vinyl acetate	**100**	**(79 - 185)**			**SW846 8260B**
	94	**(79 - 185)**	**6.1**	**(0-27)**	**SW846 8260B**
2-Pentanone	**73**	**(43 - 143)**			**SW846 8260B**
	64	**(43 - 143)**	**13**	**(0-30)**	**SW846 8260B**
2-Chloroethyl vinyl ether	**75**	**(48 - 144)**			**SW846 8260B**
	62	**(48 - 144)**	**20**	**(0-26)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	113	(75 - 121)
	99	(75 - 121)
1,2-Dichloroethane-d4	95	(58 - 140)
	84	(58 - 140)
4-Bromofluorobenzene	113	(76 - 127)
	97	(76 - 127)
Toluene-d8	118	(80 - 126)
	104	(80 - 126)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7G250192 **Work Order #...:** J381Q1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: D7H030000-228 J381Q1AD-LCSD
Prep Date.....: 07/25/07 **Analysis Date..:** 08/02/07
Prep Batch #...: 7215228 **Analysis Time..:** 08:34
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Acetone	100	81.8	ug/kg	82		SW846 8260B
	100	73.2	ug/kg	73	11	SW846 8260B
Benzene	50.0	51.6	ug/kg	103		SW846 8260B
	50.0	46.9	ug/kg	94	9.5	SW846 8260B
Bromodichloromethane	50.0	50.3	ug/kg	101		SW846 8260B
	50.0	45.2	ug/kg	90	11	SW846 8260B
Bromoform	50.0	48.4	ug/kg	97		SW846 8260B
	50.0	43.0	ug/kg	86	12	SW846 8260B
Bromomethane	50.0	60.8	ug/kg	122		SW846 8260B
	50.0	52.9	ug/kg	106	14	SW846 8260B
2-Butanone (MEK)	100	86.0	ug/kg	86		SW846 8260B
	100	78.8	ug/kg	79	8.8	SW846 8260B
Carbon tetrachloride	50.0	49.8	ug/kg	100		SW846 8260B
	50.0	46.4	ug/kg	93	7.2	SW846 8260B
Chlorobenzene	50.0	45.8	ug/kg	92		SW846 8260B
	50.0	41.7	ug/kg	83	9.4	SW846 8260B
Chloroethane	50.0	56.0	ug/kg	112		SW846 8260B
	50.0	49.3	ug/kg	99	13	SW846 8260B
Chloroform	50.0	49.9	ug/kg	100		SW846 8260B
	50.0	45.2	ug/kg	90	9.8	SW846 8260B
Chloromethane	50.0	50.5	ug/kg	101		SW846 8260B
	50.0	44.2	ug/kg	88	13	SW846 8260B
Dibromomethane	50.0	51.3	ug/kg	103		SW846 8260B
	50.0	45.2	ug/kg	90	13	SW846 8260B
1,2-Dibromoethane (EDB)	50.0	45.7	ug/kg	91		SW846 8260B
	50.0	40.6	ug/kg	81	12	SW846 8260B
1,2-Dichlorobenzene	50.0	45.0	ug/kg	90		SW846 8260B
	50.0	41.2	ug/kg	82	8.7	SW846 8260B
1,3-Dichlorobenzene	50.0	45.3	ug/kg	91		SW846 8260B
	50.0	42.2	ug/kg	84	7.1	SW846 8260B
1,4-Dichlorobenzene	50.0	44.8	ug/kg	90		SW846 8260B
	50.0	40.7	ug/kg	81	9.6	SW846 8260B
Dichlorodifluoromethane	50.0	53.7	ug/kg	107		SW846 8260B
	50.0	49.4	ug/kg	99	8.3	SW846 8260B
1,1-Dichloroethane	50.0	48.3	ug/kg	97		SW846 8260B
	50.0	44.2	ug/kg	88	8.8	SW846 8260B
1,2-Dichloroethane	50.0	48.9	ug/kg	98		SW846 8260B
	50.0	44.1	ug/kg	88	10	SW846 8260B
1,1-Dichloroethene	50.0	57.3	ug/kg	115		SW846 8260B
	50.0	52.9	ug/kg	106	8.0	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7G250192 Work Order #...: J381Q1AC-LCS Matrix.....: SOLID
LCS Lot-Sample#: D7H030000-228 J381Q1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,2-Dichloroethene (total)	100	103	ug/kg	103		SW846 8260B
	100	94.4	ug/kg	94	8.6	SW846 8260B
cis-1,2-Dichloroethene	50.0	51.0	ug/kg	102		SW846 8260B
	50.0	46.5	ug/kg	93	9.2	SW846 8260B
trans-1,2-Dichloroethene	50.0	51.9	ug/kg	104		SW846 8260B
	50.0	47.9	ug/kg	96	8.0	SW846 8260B
1,2-Dichloropropane	50.0	50.6	ug/kg	101		SW846 8260B
	50.0	45.8	ug/kg	92	10	SW846 8260B
cis-1,3-Dichloropropene	50.0	53.0	ug/kg	106		SW846 8260B
	50.0	47.6	ug/kg	95	11	SW846 8260B
trans-1,3-Dichloropropene	50.0	47.4	ug/kg	95		SW846 8260B
	50.0	42.8	ug/kg	86	10	SW846 8260B
Ethylbenzene	50.0	44.9	ug/kg	90		SW846 8260B
	50.0	41.4	ug/kg	83	8.2	SW846 8260B
2-Hexanone	100	82.5	ug/kg	82		SW846 8260B
	100	74.3	ug/kg	74	10	SW846 8260B
Methylene chloride	50.0	54.1	ug/kg	108		SW846 8260B
	50.0	48.9	ug/kg	98	10	SW846 8260B
4-Methyl-2-pentanone	100	88.9	ug/kg	89		SW846 8260B
	100	80.3	ug/kg	80	10	SW846 8260B
Styrene	50.0	47.6	ug/kg	95		SW846 8260B
	50.0	42.8	ug/kg	86	11	SW846 8260B
1,1,1,2-Tetrachloroethane	50.0	48.1	ug/kg	96		SW846 8260B
	50.0	43.4	ug/kg	87	10	SW846 8260B
1,1,2,2-Tetrachloroethane	50.0	43.9	ug/kg	88		SW846 8260B
	50.0	41.2	ug/kg	82	6.3	SW846 8260B
Tetrachloroethene	50.0	49.5	ug/kg	99		SW846 8260B
	50.0	45.8	ug/kg	92	7.7	SW846 8260B
Toluene	50.0	46.2	ug/kg	92		SW846 8260B
	50.0	42.6	ug/kg	85	8.1	SW846 8260B
1,2,4-Trichloro-benzene	50.0	46.1	ug/kg	92		SW846 8260B
	50.0	38.3	ug/kg	77	18	SW846 8260B
1,1,1-Trichloroethane	50.0	49.0	ug/kg	98		SW846 8260B
	50.0	45.0	ug/kg	90	8.6	SW846 8260B
1,1,2-Trichloroethane	50.0	46.9	ug/kg	94		SW846 8260B
	50.0	41.9	ug/kg	84	11	SW846 8260B
Trichloroethene	50.0	52.4	ug/kg	105		SW846 8260B
	50.0	47.7	ug/kg	95	9.5	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7G250192 **Work Order #...:** J381Q1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: D7H030000-228 J381Q1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Trichlorofluoromethane	50.0	62.9	ug/kg	126		SW846 8260B
	50.0	55.1	ug/kg	110	13	SW846 8260B
1,2,3-Trichloropropane	50.0	38.3	ug/kg	77		SW846 8260B
	50.0	36.1	ug/kg	72	5.9	SW846 8260B
Vinyl chloride	50.0	53.4	ug/kg	107		SW846 8260B
	50.0	46.8	ug/kg	94	13	SW846 8260B
Xylenes (total)	150	135	ug/kg	90		SW846 8260B
	150	124	ug/kg	82	9.0	SW846 8260B
n-Butylbenzene	50.0	43.2	ug/kg	86		SW846 8260B
	50.0	40.0	ug/kg	80	7.5	SW846 8260B
sec-Butylbenzene	50.0	44.7	ug/kg	89		SW846 8260B
	50.0	43.0	ug/kg	86	4.0	SW846 8260B
Isopropylbenzene	50.0	42.2	ug/kg	84		SW846 8260B
	50.0	38.6	ug/kg	77	8.8	SW846 8260B
1,2,4-Trimethylbenzene	50.0	41.2	ug/kg	82		SW846 8260B
	50.0	38.8	ug/kg	78	6.0	SW846 8260B
1,3,5-Trimethylbenzene	50.0	40.8	ug/kg	82		SW846 8260B
	50.0	38.8	ug/kg	78	4.9	SW846 8260B
n-Propylbenzene	50.0	40.8	ug/kg	82		SW846 8260B
	50.0	39.0 a	ug/kg	78	4.3	SW846 8260B
tert-Butylbenzene	50.0	41.4	ug/kg	83		SW846 8260B
	50.0	39.9	ug/kg	80	3.8	SW846 8260B
Carbon disulfide	50.0	39.1	ug/kg	78		SW846 8260B
	50.0	35.0	ug/kg	70	11	SW846 8260B
Dibromochloromethane	50.0	48.1	ug/kg	96		SW846 8260B
	50.0	43.5	ug/kg	87	10	SW846 8260B
2-Chlorotoluene	50.0	42.9	ug/kg	86		SW846 8260B
	50.0	40.6	ug/kg	81	5.3	SW846 8260B
4-Chlorotoluene	50.0	41.1	ug/kg	82		SW846 8260B
	50.0	39.1	ug/kg	78	5.2	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	50.0	42.0	ug/kg	84		SW846 8260B
	50.0	36.7	ug/kg	73	14	SW846 8260B
1,3-Dichloropropane	50.0	46.4	ug/kg	93		SW846 8260B
	50.0	41.8	ug/kg	84	10	SW846 8260B
2,2-Dichloropropane	50.0	49.8	ug/kg	100		SW846 8260B
	50.0	46.1	ug/kg	92	7.7	SW846 8260B
1,1-Dichloropropene	50.0	49.4	ug/kg	99		SW846 8260B
	50.0	45.8	ug/kg	92	7.7	SW846 8260B
Hexachlorobutadiene	50.0	48.2	ug/kg	96		SW846 8260B
	50.0	41.5	ug/kg	83	15	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7G250192 **Work Order #...:** J381Q1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: D7H030000-228 J381Q1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
4-Isopropyltoluene	**50.0**	**41.1**	**ug/kg**	**82**		**SW846 8260B**
	50.0	**39.2**	**ug/kg**	**78**	**4.8**	**SW846 8260B**
Methyl tert-butyl ether	**100**	**87.7**	**ug/kg**	**88**		**SW846 8260B**
	100	**78.4**	**ug/kg**	**78**	**11**	**SW846 8260B**
1,2,3-Trichlorobenzene	**50.0**	**53.0**	**ug/kg**	**106**		**SW846 8260B**
	50.0	**42.3**	**ug/kg**	**85**	**23**	**SW846 8260B**
m-Xylene & p-Xylene	**100**	**89.9**	**ug/kg**	**90**		**SW846 8260B**
	100	**82.1**	**ug/kg**	**82**	**9.0**	**SW846 8260B**
o-Xylene	**50.0**	**45.2**	**ug/kg**	**90**		**SW846 8260B**
	50.0	**41.4**	**ug/kg**	**83**	**8.9**	**SW846 8260B**
Bromobenzene	**50.0**	**44.0**	**ug/kg**	**88**		**SW846 8260B**
	50.0	**40.9**	**ug/kg**	**82**	**7.1**	**SW846 8260B**
Bromochloromethane	**50.0**	**53.5**	**ug/kg**	**107**		**SW846 8260B**
	50.0	**47.9**	**ug/kg**	**96**	**11**	**SW846 8260B**
Naphthalene	**50.0**	**47.6**	**ug/kg**	**95**		**SW846 8260B**
	50.0	**38.5**	**ug/kg**	**77**	**21**	**SW846 8260B**
Vinyl acetate	**50.0**	**49.8**	**ug/kg**	**100**		**SW846 8260B**
	50.0	**46.8**	**ug/kg**	**94**	**6.1**	**SW846 8260B**
2-Pentanone	**100**	**73.0**	**ug/kg**	**73**		**SW846 8260B**
	100	**63.9**	**ug/kg**	**64**	**13**	**SW846 8260B**
2-Chloroethyl vinyl ether	**50.0**	**37.7**	**ug/kg**	**75**		**SW846 8260B**
	50.0	**30.9**	**ug/kg**	**62**	**20**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	113	(75 - 121)
	99	(75 - 121)
1,2-Dichloroethane-d4	95	(58 - 140)
	84	(58 - 140)
4-Bromofluorobenzene	113	(76 - 127)
	97	(76 - 127)
Toluene-d8	118	(80 - 126)
	104	(80 - 126)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7G250192 **Work Order #...:** J3FT41CX-MS **Matrix.....:** WATER
MS Lot-Sample #: D7G240162-003 J3FT41C0-MSD
Date Sampled...: 07/21/07 09:10 **Date Received..:** 07/24/07
Prep Date.....: 08/01/07 **Analysis Date..:** 08/01/07
Prep Batch #...: 7214323 **Analysis Time..:** 19:02
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acetone	57	(48 - 130)			SW846 8260B
	147 a	(48 - 130)	21	(0-41)	SW846 8260B
Benzene	83	(77 - 118)			SW846 8260B
	104 p	(77 - 118)	23	(0-20)	SW846 8260B
Bromodichloromethane	91	(78 - 118)			SW846 8260B
	114 p	(78 - 118)	22	(0-20)	SW846 8260B
Bromoform	106	(74 - 121)			SW846 8260B
	126 a	(74 - 121)	17	(0-21)	SW846 8260B
Bromomethane	99	(42 - 154)			SW846 8260B
	108	(42 - 154)	9.1	(0-24)	SW846 8260B
2-Butanone (MEK)	99	(57 - 120)			SW846 8260B
	130 a	(57 - 120)	21	(0-32)	SW846 8260B
Carbon tetrachloride	87	(80 - 120)			SW846 8260B
	109 p	(80 - 120)	23	(0-21)	SW846 8260B
Chlorobenzene	98	(78 - 118)			SW846 8260B
	110	(78 - 118)	12	(0-20)	SW846 8260B
Chloroethane	101	(51 - 133)			SW846 8260B
	114	(51 - 133)	12	(0-25)	SW846 8260B
Chloroform	94	(78 - 118)			SW846 8260B
	120 a,p	(78 - 118)	24	(0-20)	SW846 8260B
Chloromethane	88	(46 - 142)			SW846 8260B
	96	(46 - 142)	8.0	(0-24)	SW846 8260B
Dibromomethane	102	(77 - 117)			SW846 8260B
	126 a,p	(77 - 117)	21	(0-20)	SW846 8260B
1,2-Dibromoethane (EDB)	109	(77 - 117)			SW846 8260B
	124 a	(77 - 117)	13	(0-20)	SW846 8260B
1,2-Dichlorobenzene	88	(76 - 116)			SW846 8260B
	104	(76 - 116)	16	(0-20)	SW846 8260B
1,3-Dichlorobenzene	81	(75 - 115)			SW846 8260B
	101 p	(75 - 115)	23	(0-20)	SW846 8260B
1,4-Dichlorobenzene	82	(77 - 117)			SW846 8260B
	104 p	(77 - 117)	24	(0-23)	SW846 8260B
Dichlorodifluoromethane	88	(56 - 140)			SW846 8260B
	101	(56 - 140)	14	(0-24)	SW846 8260B
1,1-Dichloroethane	87	(77 - 117)			SW846 8260B
	110 p	(77 - 117)	23	(0-21)	SW846 8260B
1,2-Dichloroethane	102	(74 - 120)			SW846 8260B
	123 a	(74 - 120)	19	(0-20)	SW846 8260B
1,1-Dichloroethene	94	(68 - 133)			SW846 8260B
	119 p	(68 - 133)	24	(0-20)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7G250192 **Work Order #...:** J3FT41CX-MS **Matrix.....:** WATER
MS Lot-Sample #: D7G240162-003 J3FT41C0-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2-Dichloroethene (total)	92	(78 - 118)			SW846 8260B
	114 p	(78 - 118)	21	(0-20)	SW846 8260B
cis-1,2-Dichloroethene	94	(75 - 115)			SW846 8260B
	113	(75 - 115)	19	(0-20)	SW846 8260B
trans-1,2-Dichloroethene	90	(80 - 120)			SW846 8260B
	114	(80 - 120)	24	(0-24)	SW846 8260B
1,2-Dichloropropane	91	(76 - 116)			SW846 8260B
	115 p	(76 - 116)	23	(0-20)	SW846 8260B
cis-1,3-Dichloropropene	98	(76 - 116)			SW846 8260B
	115	(76 - 116)	17	(0-20)	SW846 8260B
trans-1,3-Dichloropropene	98	(72 - 117)			SW846 8260B
	116	(72 - 117)	18	(0-20)	SW846 8260B
Ethylbenzene	90	(78 - 118)			SW846 8260B
	110	(78 - 118)	20	(0-26)	SW846 8260B
2-Hexanone	123 a	(57 - 121)			SW846 8260B
	136 a	(57 - 121)	9.8	(0-25)	SW846 8260B
Methylene chloride	92	(71 - 119)			SW846 8260B
	114 p	(71 - 119)	21	(0-20)	SW846 8260B
4-Methyl-2-pentanone	130 a	(65 - 118)			SW846 8260B
	144 a	(65 - 118)	10	(0-22)	SW846 8260B
Styrene	66 a	(77 - 117)			SW846 8260B
	70 a	(77 - 117)	5.5	(0-20)	SW846 8260B
1,1,1,2-Tetrachloroethane	93	(77 - 117)			SW846 8260B
	105	(77 - 117)	13	(0-20)	SW846 8260B
1,1,2,2-Tetrachloroethane	117	(73 - 119)			SW846 8260B
	129 a	(73 - 119)	10	(0-20)	SW846 8260B
Tetrachloroethene	90	(77 - 117)			SW846 8260B
	111 p	(77 - 117)	21	(0-20)	SW846 8260B
Toluene	96	(73 - 120)			SW846 8260B
	114	(73 - 120)	17	(0-20)	SW846 8260B
1,2,4-Trichloro-benzene	93	(73 - 121)			SW846 8260B
	118	(73 - 121)	23	(0-25)	SW846 8260B
1,1,1-Trichloroethane	93	(78 - 118)			SW846 8260B
	115 p	(78 - 118)	22	(0-20)	SW846 8260B
1,1,2-Trichloroethane	111	(76 - 116)			SW846 8260B
	126 a	(76 - 116)	12	(0-21)	SW846 8260B
Trichloroethene	82	(78 - 122)			SW846 8260B
	103 p	(78 - 122)	23	(0-20)	SW846 8260B

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7G250192 **Work Order #...:** J3FT41CX-MS **Matrix.....:** WATER
MS Lot-Sample #: D7G240162-003 J3FT41C0-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Trichlorofluoromethane	108	(63 - 135)			SW846 8260B
	133	(63 - 135)	20	(0-20)	SW846 8260B
1,2,3-Trichloropropane	95	(72 - 120)			SW846 8260B
	115	(72 - 120)	19	(0-23)	SW846 8260B
Vinyl chloride	89	(49 - 136)			SW846 8260B
	98	(49 - 136)	9.4	(0-24)	SW846 8260B
Xylenes (total)	94	(77 - 117)			SW846 8260B
	108	(77 - 117)	14	(0-20)	SW846 8260B
n-Butylbenzene	79	(76 - 117)			SW846 8260B
	104 p	(76 - 117)	27	(0-21)	SW846 8260B
sec-Butylbenzene	71 a	(80 - 120)			SW846 8260B
	93 p	(80 - 120)	27	(0-21)	SW846 8260B
Isopropylbenzene	79	(71 - 111)			SW846 8260B
	101 p	(71 - 111)	24	(0-20)	SW846 8260B
1,2,4-Trimethylbenzene	84	(77 - 117)			SW846 8260B
	108 p	(77 - 117)	25	(0-20)	SW846 8260B
1,3,5-Trimethylbenzene	82	(77 - 117)			SW846 8260B
	97	(77 - 117)	17	(0-20)	SW846 8260B
n-Propylbenzene	71 a	(76 - 116)			SW846 8260B
	89 p	(76 - 116)	22	(0-20)	SW846 8260B
tert-Butylbenzene	76	(76 - 116)			SW846 8260B
	97 p	(76 - 116)	24	(0-21)	SW846 8260B
Carbon disulfide	66	(56 - 104)			SW846 8260B
	72	(56 - 104)	8.7	(0-20)	SW846 8260B
Dibromochloromethane	98	(76 - 116)			SW846 8260B
	115	(76 - 116)	16	(0-20)	SW846 8260B
2-Chlorotoluene	76	(76 - 116)			SW846 8260B
	91	(76 - 116)	18	(0-20)	SW846 8260B
4-Chlorotoluene	68 a	(78 - 118)			SW846 8260B
	94 p	(78 - 118)	32	(0-20)	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	86	(65 - 117)			SW846 8260B
	111 p	(65 - 117)	26	(0-22)	SW846 8260B
1,3-Dichloropropane	105	(75 - 115)			SW846 8260B
	122 a	(75 - 115)	15	(0-20)	SW846 8260B
2,2-Dichloropropane	80	(72 - 128)			SW846 8260B
	99	(72 - 128)	21	(0-24)	SW846 8260B
1,1-Dichloropropene	81	(75 - 115)			SW846 8260B
	104 p	(75 - 115)	24	(0-21)	SW846 8260B
Hexachlorobutadiene	76	(73 - 123)			SW846 8260B
	92	(73 - 123)	20	(0-25)	SW846 8260B

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7G250192 **Work Order #...:** J3FT41CX-MS **Matrix.....:** WATER
MS Lot-Sample #: D7G240162-003 J3FT41C0-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
4-Isopropyltoluene	**72 a**	**(76 - 113)**			**SW846 8260B**
	95 p	**(76 - 113)**	**25**	**(0-20)**	**SW846 8260B**
Methyl tert-butyl ether	**90**	**(58 - 116)**			**SW846 8260B**
	116 p	**(58 - 116)**	**26**	**(0-21)**	**SW846 8260B**
1,2,3-Trichlorobenzene	**98**	**(66 - 123)**			**SW846 8260B**
	121	**(66 - 123)**	**21**	**(0-29)**	**SW846 8260B**
m-Xylene & p-Xylene	**94**	**(78 - 118)**			**SW846 8260B**
	107	**(78 - 118)**	**13**	**(0-20)**	**SW846 8260B**
o-Xylene	**93**	**(77 - 117)**			**SW846 8260B**
	110	**(77 - 117)**	**16**	**(0-20)**	**SW846 8260B**
Bromobenzene	**83**	**(75 - 115)**			**SW846 8260B**
	105 p	**(75 - 115)**	**23**	**(0-20)**	**SW846 8260B**
Bromochloromethane	**84**	**(78 - 118)**			**SW846 8260B**
	107 p	**(78 - 118)**	**24**	**(0-20)**	**SW846 8260B**
Naphthalene	**92**	**(62 - 121)**			**SW846 8260B**
	115	**(62 - 121)**	**22**	**(0-32)**	**SW846 8260B**
Vinyl acetate	**88**	**(63 - 124)**			**SW846 8260B**
	101	**(63 - 124)**	**14**	**(0-24)**	**SW846 8260B**
2-Pentanone	**107**	**(42 - 115)**			**SW846 8260B**
	121 a	**(42 - 115)**	**12**	**(0-26)**	**SW846 8260B**
2-Chloroethyl vinyl ether	**0.0 a**	**(17 - 150)**			**SW846 8260B**
	0.0 a	**(17 - 150)**	**0.0**	**(0-31)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	92	(77 - 119)
	100	(77 - 119)
1,2-Dichloroethane-d4	94	(70 - 127)
	101	(70 - 127)
4-Bromofluorobenzene	100	(78 - 118)
	99	(78 - 118)
Toluene-d8	92	(83 - 125)
	95	(83 - 125)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

p Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7G250192 **Work Order #...:** J3FT41CX-MS **Matrix.....:** WATER
MS Lot-Sample #: D7G240162-003 J3FT41C0-MSD
Date Sampled...: 07/21/07 09:10 **Date Received..:** 07/24/07
Prep Date.....: 08/01/07 **Analysis Date..:** 08/01/07
Prep Batch #...: 7214323 **Analysis Time..:** 19:02
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Acetone	33	10.0	39.0	ug/L	57		SW846 8260B
	33	10.0	48.0	ug/L	147 a	21	SW846 8260B
Benzene	ND	5.00	4.13	ug/L	83		SW846 8260B
	ND	5.00	5.20	ug/L	104 p	23	SW846 8260B
Bromodichloromethane	ND	5.00	4.55	ug/L	91		SW846 8260B
	ND	5.00	5.69	ug/L	114 p	22	SW846 8260B
Bromoform	ND	5.00	5.31	ug/L	106		SW846 8260B
	ND	5.00	6.31	ug/L	126 a	17	SW846 8260B
Bromomethane	ND	5.00	4.93	ug/L	99		SW846 8260B
	ND	5.00	5.40	ug/L	108	9.1	SW846 8260B
2-Butanone (MEK)	3.9	10.0	13.8	ug/L	99		SW846 8260B
	3.9	10.0	17.0	ug/L	130 a	21	SW846 8260B
Carbon tetrachloride	ND	5.00	4.35	ug/L	87		SW846 8260B
	ND	5.00	5.47	ug/L	109 p	23	SW846 8260B
Chlorobenzene	ND	5.00	4.88	ug/L	98		SW846 8260B
	ND	5.00	5.52	ug/L	110	12	SW846 8260B
Chloroethane	ND	5.00	5.05	ug/L	101		SW846 8260B
	ND	5.00	5.68	ug/L	114	12	SW846 8260B
Chloroform	ND	5.00	4.70	ug/L	94		SW846 8260B
	ND	5.00	5.98	ug/L	120	24	SW846 8260B
	Qualifiers:	a,p					
Chloromethane	ND	5.00	4.42	ug/L	88		SW846 8260B
	ND	5.00	4.79	ug/L	96	8.0	SW846 8260B
Dibromomethane	ND	5.00	5.10	ug/L	102		SW846 8260B
	ND	5.00	6.28	ug/L	126	21	SW846 8260B
	Qualifiers:	a,p					
1,2-Dibromoethane (EDB)	ND	5.00	5.45	ug/L	109		SW846 8260B
	ND	5.00	6.18	ug/L	124 a	13	SW846 8260B
1,2-Dichlorobenzene	ND	5.00	4.42	ug/L	88		SW846 8260B
	ND	5.00	5.19	ug/L	104	16	SW846 8260B
1,3-Dichlorobenzene	ND	5.00	4.03	ug/L	81		SW846 8260B
	ND	5.00	5.06	ug/L	101 p	23	SW846 8260B
1,4-Dichlorobenzene	ND	5.00	4.10	ug/L	82		SW846 8260B
	ND	5.00	5.20	ug/L	104 p	24	SW846 8260B
Dichlorodifluoromethane	ND	5.00	4.39	ug/L	88		SW846 8260B
	ND	5.00	5.03	ug/L	101	14	SW846 8260B
1,1-Dichloroethane	ND	5.00	4.33	ug/L	87		SW846 8260B
	ND	5.00	5.48	ug/L	110 p	23	SW846 8260B
1,2-Dichloroethane	ND	5.00	5.08	ug/L	102		SW846 8260B
	ND	5.00	6.14	ug/L	123 a	19	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7G250192 **Work Order #...:** J3FT41CX-MS **Matrix.....:** WATER
MS Lot-Sample #: D7G240162-003 J3FT41C0-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethene	ND	5.00	4.69	ug/L	94		SW846 8260B
	ND	5.00	5.97	ug/L	119 p	24	SW846 8260B
1,2-Dichloroethene (total)	ND	10.0	9.16	ug/L	92		SW846 8260B
	ND	10.0	11.4	ug/L	114 p	21	SW846 8260B
cis-1,2-Dichloroethene	ND	5.00	4.69	ug/L	94		SW846 8260B
	ND	5.00	5.65	ug/L	113	19	SW846 8260B
trans-1,2-Dichloroethene	ND	5.00	4.48	ug/L	90		SW846 8260B
	ND	5.00	5.70	ug/L	114	24	SW846 8260B
1,2-Dichloropropane	ND	5.00	4.54	ug/L	91		SW846 8260B
	ND	5.00	5.73	ug/L	115 p	23	SW846 8260B
cis-1,3-Dichloropropene	ND	5.00	4.88	ug/L	98		SW846 8260B
	ND	5.00	5.77	ug/L	115	17	SW846 8260B
trans-1,3-Dichloropropene	ND	5.00	4.88	ug/L	98		SW846 8260B
	ND	5.00	5.81	ug/L	116	18	SW846 8260B
Ethylbenzene	ND	5.00	4.50	ug/L	90		SW846 8260B
	ND	5.00	5.49	ug/L	110	20	SW846 8260B
2-Hexanone	ND	10.0	12.3	ug/L	123 a		SW846 8260B
	ND	10.0	13.6	ug/L	136 a	9.8	SW846 8260B
Methylene chloride	ND	5.00	4.58	ug/L	92		SW846 8260B
	ND	5.00	5.68	ug/L	114 p	21	SW846 8260B
4-Methyl-2-pentanone	ND	10.0	13.0	ug/L	130 a		SW846 8260B
	ND	10.0	14.4	ug/L	144 a	10	SW846 8260B
Styrene	ND	5.00	3.31	ug/L	66 a		SW846 8260B
	ND	5.00	3.50	ug/L	70 a	5.5	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	5.00	4.63	ug/L	93		SW846 8260B
	ND	5.00	5.26	ug/L	105	13	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.00	5.84	ug/L	117		SW846 8260B
	ND	5.00	6.47	ug/L	129 a	10	SW846 8260B
Tetrachloroethene	ND	5.00	4.51	ug/L	90		SW846 8260B
	ND	5.00	5.56	ug/L	111 p	21	SW846 8260B
Toluene	ND	5.00	4.79	ug/L	96		SW846 8260B
	ND	5.00	5.69	ug/L	114	17	SW846 8260B
1,2,4-Trichloro-benzene	ND	5.00	4.67	ug/L	93		SW846 8260B
	ND	5.00	5.88	ug/L	118	23	SW846 8260B
1,1,1-Trichloroethane	ND	5.00	4.63	ug/L	93		SW846 8260B
	ND	5.00	5.75	ug/L	115 p	22	SW846 8260B
1,1,2-Trichloroethane	ND	5.00	5.57	ug/L	111		SW846 8260B
	ND	5.00	6.28	ug/L	126 a	12	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7G250192 **Work Order #...:** J3FT41CX-MS **Matrix.....:** WATER
MS Lot-Sample #: D7G240162-003 J3FT41C0-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Trichloroethene	ND	5.00	4.08	ug/L	82		SW846 8260B
	ND	5.00	5.15	ug/L	103 p	23	SW846 8260B
Trichlorofluoromethane	ND	5.00	5.42	ug/L	108		SW846 8260B
	ND	5.00	6.64	ug/L	133	20	SW846 8260B
1,2,3-Trichloropropane	ND	5.00	4.74	ug/L	95		SW846 8260B
	ND	5.00	5.75	ug/L	115	19	SW846 8260B
Vinyl chloride	ND	5.00	4.46	ug/L	89		SW846 8260B
	ND	5.00	4.90	ug/L	98	9.4	SW846 8260B
Xylenes (total)	ND	15.0	14.1	ug/L	94		SW846 8260B
	ND	15.0	16.2	ug/L	108	14	SW846 8260B
n-Butylbenzene	ND	5.00	3.96	ug/L	79		SW846 8260B
	ND	5.00	5.18	ug/L	104 p	27	SW846 8260B
sec-Butylbenzene	ND	5.00	3.55	ug/L	71 a		SW846 8260B
	ND	5.00	4.67	ug/L	93 p	27	SW846 8260B
Isopropylbenzene	ND	5.00	3.97	ug/L	79		SW846 8260B
	ND	5.00	5.05	ug/L	101 p	24	SW846 8260B
1,2,4-Trimethylbenzene	ND	5.00	4.22	ug/L	84		SW846 8260B
	ND	5.00	5.41	ug/L	108 p	25	SW846 8260B
1,3,5-Trimethylbenzene	ND	5.00	4.10	ug/L	82		SW846 8260B
	ND	5.00	4.87	ug/L	97	17	SW846 8260B
n-Propylbenzene	ND	5.00	3.57	ug/L	71 a		SW846 8260B
	ND	5.00	4.45	ug/L	89 p	22	SW846 8260B
tert-Butylbenzene	ND	5.00	3.82	ug/L	76		SW846 8260B
	ND	5.00	4.84	ug/L	97 p	24	SW846 8260B
Carbon disulfide	ND	5.00	3.32	ug/L	66		SW846 8260B
	ND	5.00	3.62	ug/L	72	8.7	SW846 8260B
Dibromochloromethane	ND	5.00	4.90	ug/L	98		SW846 8260B
	ND	5.00	5.73	ug/L	115	16	SW846 8260B
2-Chlorotoluene	ND	5.00	3.82	ug/L	76		SW846 8260B
	ND	5.00	4.57	ug/L	91	18	SW846 8260B
4-Chlorotoluene	ND	5.00	3.38	ug/L	68 a		SW846 8260B
	ND	5.00	4.70	ug/L	94 p	32	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.00	4.29	ug/L	86		SW846 8260B
	ND	5.00	5.57	ug/L	111 p	26	SW846 8260B
1,3-Dichloropropane	ND	5.00	5.23	ug/L	105		SW846 8260B
	ND	5.00	6.08	ug/L	122 a	15	SW846 8260B
2,2-Dichloropropane	ND	5.00	4.00	ug/L	80		SW846 8260B
	ND	5.00	4.94	ug/L	99	21	SW846 8260B
1,1-Dichloropropene	ND	5.00	4.07	ug/L	81		SW846 8260B
	ND	5.00	5.20	ug/L	104 p	24	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7G250192 **Work Order #...:** J3FT41CX-MS **Matrix.....:** WATER
MS Lot-Sample #: D7G240162-003 J3FT41C0-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Hexachlorobutadiene	**ND**	**5.00**	**3.79**	**ug/L**	**76**		**SW846 8260B**
	ND	**5.00**	**4.62**	**ug/L**	**92**	**20**	**SW846 8260B**
4-Isopropyltoluene	**0.24**	**5.00**	**3.86**	**ug/L**	**72 a**		**SW846 8260B**
	0.24	**5.00**	**4.97**	**ug/L**	**95 p**	**25**	**SW846 8260B**
Methyl tert-butyl ether	**ND**	**10.0**	**8.95**	**ug/L**	**90**		**SW846 8260B**
	ND	**10.0**	**11.6**	**ug/L**	**116 p**	**26**	**SW846 8260B**
1,2,3-Trichlorobenzene	**ND**	**5.00**	**4.88**	**ug/L**	**98**		**SW846 8260B**
	ND	**5.00**	**6.03**	**ug/L**	**121**	**21**	**SW846 8260B**
m-Xylene & p-Xylene	**ND**	**10.0**	**9.45**	**ug/L**	**94**		**SW846 8260B**
	ND	**10.0**	**10.7**	**ug/L**	**107**	**13**	**SW846 8260B**
o-Xylene	**ND**	**5.00**	**4.67**	**ug/L**	**93**		**SW846 8260B**
	ND	**5.00**	**5.48**	**ug/L**	**110**	**16**	**SW846 8260B**
Bromobenzene	**ND**	**5.00**	**4.16**	**ug/L**	**83**		**SW846 8260B**
	ND	**5.00**	**5.23**	**ug/L**	**105 p**	**23**	**SW846 8260B**
Bromochloromethane	**ND**	**5.00**	**4.21**	**ug/L**	**84**		**SW846 8260B**
	ND	**5.00**	**5.34**	**ug/L**	**107 p**	**24**	**SW846 8260B**
Naphthalene	**ND**	**5.00**	**4.61**	**ug/L**	**92**		**SW846 8260B**
	ND	**5.00**	**5.74**	**ug/L**	**115**	**22**	**SW846 8260B**
Vinyl acetate	**ND**	**5.00**	**4.39**	**ug/L**	**88**		**SW846 8260B**
	ND	**5.00**	**5.03**	**ug/L**	**101**	**14**	**SW846 8260B**
2-Pentanone	**ND**	**10.0**	**10.7**	**ug/L**	**107**		**SW846 8260B**
	ND	**10.0**	**12.1**	**ug/L**	**121 a**	**12**	**SW846 8260B**
2-Chloroethyl vinyl ether	**ND**	**5.00**	**0.0**	**ug/L**	**0.0 a**		**SW846 8260B**
	ND	**5.00**	**0.0**	**ug/L**	**0.0 a**	**0.0**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	92	(77 - 119)
	100	(77 - 119)
1,2-Dichloroethane-d4	94	(70 - 127)
	101	(70 - 127)
4-Bromofluorobenzene	100	(78 - 118)
	99	(78 - 118)
Toluene-d8	92	(83 - 125)
	95	(83 - 125)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

p Relative percent difference (RPD) is outside stated control limits.

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: D7G250192 **Work Order #...:** J3KX21AA **Matrix.....:** SOLID
MB Lot-Sample #: D7G260000-139

Prep Date.....: 07/26/07 **Analysis Time..:** 12:04
Analysis Date..: 07/31/07 **Prep Batch #...:** 7207139
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acenaphthene	ND	330	ug/kg	SW846 8270C
Acenaphthylene	ND	330	ug/kg	SW846 8270C
Acetophenone	ND	330	ug/kg	SW846 8270C
Anthracene	ND	330	ug/kg	SW846 8270C
Benzo(a)anthracene	ND	660	ug/kg	SW846 8270C
Benzo(b)fluoranthene	ND	660	ug/kg	SW846 8270C
Benzo(k)fluoranthene	ND	660	ug/kg	SW846 8270C
Benzo(ghi)perylene	ND	660	ug/kg	SW846 8270C
Benzo(a)pyrene	ND	660	ug/kg	SW846 8270C
bis(2-Chloroethoxy) methane	ND	330	ug/kg	SW846 8270C
bis(2-Chloroethyl)-ether	ND	660	ug/kg	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	660	ug/kg	SW846 8270C
4-Bromophenyl phenyl ether	ND	660	ug/kg	SW846 8270C
Butyl benzyl phthalate	ND	660	ug/kg	SW846 8270C
4-Chloroaniline	ND	1300	ug/kg	SW846 8270C
4-Chloro-3-methylphenol	ND	1300	ug/kg	SW846 8270C
2-Chloronaphthalene	ND	330	ug/kg	SW846 8270C
2-Chlorophenol	ND	660	ug/kg	SW846 8270C
4-Chlorophenyl phenyl ether	ND	660	ug/kg	SW846 8270C
Chrysene	ND	660	ug/kg	SW846 8270C
Dibenz(a,h)anthracene	ND	660	ug/kg	SW846 8270C
Dibenzofuran	ND	660	ug/kg	SW846 8270C
Di-n-butyl phthalate	ND	660	ug/kg	SW846 8270C
3,3'-Dichlorobenzidine	ND	1300	ug/kg	SW846 8270C
2,4-Dichlorophenol	ND	660	ug/kg	SW846 8270C
Diethyl phthalate	ND	660	ug/kg	SW846 8270C
2,4-Dimethylphenol	ND	660	ug/kg	SW846 8270C
Dimethyl phthalate	ND	660	ug/kg	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	3300	ug/kg	SW846 8270C
2,4-Dinitrophenol	ND	3300	ug/kg	SW846 8270C
2,4-Dinitrotoluene	ND	660	ug/kg	SW846 8270C
2,6-Dinitrotoluene	ND	660	ug/kg	SW846 8270C
Di-n-octyl phthalate	ND	660	ug/kg	SW846 8270C
Fluoranthene	ND	660	ug/kg	SW846 8270C
Fluorene	ND	660	ug/kg	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: D7G250192 **Work Order #...:** J3KX21AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Hexachlorobenzene	ND	660	ug/kg	SW846 8270C
Hexachlorocyclopentadiene	ND	660	ug/kg	SW846 8270C
Hexachloroethane	ND	660	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	660	ug/kg	SW846 8270C
2-Methylnaphthalene	ND	660	ug/kg	SW846 8270C
2-Methylphenol	ND	660	ug/kg	SW846 8270C
Naphthalene	ND	660	ug/kg	SW846 8270C
2-Nitroaniline	ND	3300	ug/kg	SW846 8270C
3-Nitroaniline	ND	3300	ug/kg	SW846 8270C
4-Nitroaniline	ND	3300	ug/kg	SW846 8270C
Nitrobenzene	ND	660	ug/kg	SW846 8270C
2-Nitrophenol	ND	660	ug/kg	SW846 8270C
4-Nitrophenol	ND	3300	ug/kg	SW846 8270C
N-Nitrosodiphenylamine	ND	660	ug/kg	SW846 8270C
N-Nitrosodi-n-propylamine	ND	660	ug/kg	SW846 8270C
Pentachlorophenol	ND	3300	ug/kg	SW846 8270C
Phenanthrene	ND	660	ug/kg	SW846 8270C
Phenol	ND	660	ug/kg	SW846 8270C
Pyrene	ND	660	ug/kg	SW846 8270C
2,4,5-Trichlorophenol	ND	660	ug/kg	SW846 8270C
2,4,6-Trichlorophenol	ND	660	ug/kg	SW846 8270C
bis(2-Chloroisopropyl) ether	ND	660	ug/kg	SW846 8270C
4-Methylphenol	ND	660	ug/kg	SW846 8270C
Hexachlorobutadiene	ND	660	ug/kg	SW846 8270C
Caprolactam	ND	1600	ug/kg	SW846 8270C
Atrazine	ND	330	ug/kg	SW846 8270C
Carbazole	ND	330	ug/kg	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	78	(53 - 120)
Phenol-d5	77	(52 - 120)
Nitrobenzene-d5	77	(50 - 120)
2-Fluorobiphenyl	76	(50 - 120)
2,4,6-Tribromophenol	70	(51 - 120)
Terphenyl-d14	83	(55 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

ND: The analyte was analyzed for, but not detected.

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: D7G250192
MB Lot-Sample #: D7G270000-174

Work Order #...: J3N4T1AA
Prep Date.....: 07/27/07
Prep Batch #...: 7208174

Matrix.....: WATER
Analysis Time..: 12:38

Analysis Date..: 08/07/07
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acenaphthene	ND	10	ug/L	SW846 8270C
Acenaphthylene	ND	10	ug/L	SW846 8270C
Acetophenone	ND	10	ug/L	SW846 8270C
Anthracene	ND	10	ug/L	SW846 8270C
Benzo(a)anthracene	ND	10	ug/L	SW846 8270C
Benzo(b)fluoranthene	ND	10	ug/L	SW846 8270C
Benzo(k)fluoranthene	ND	10	ug/L	SW846 8270C
Benzo(ghi)perylene	ND	10	ug/L	SW846 8270C
Benzo(a)pyrene	ND	10	ug/L	SW846 8270C
bis(2-Chloroethoxy) methane	ND	10	ug/L	SW846 8270C
bis(2-Chloroethyl)-ether	ND	10	ug/L	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	SW846 8270C
4-Bromophenyl phenyl ether	ND	10	ug/L	SW846 8270C
Butyl benzyl phthalate	ND	20	ug/L	SW846 8270C
4-Chloroaniline	ND	20	ug/L	SW846 8270C
4-Chloro-3-methylphenol	ND	20	ug/L	SW846 8270C
2-Chloronaphthalene	ND	10	ug/L	SW846 8270C
2-Chlorophenol	ND	10	ug/L	SW846 8270C
4-Chlorophenyl phenyl ether	ND	10	ug/L	SW846 8270C
Chrysene	ND	10	ug/L	SW846 8270C
Dibenz(a,h)anthracene	ND	10	ug/L	SW846 8270C
Dibenzofuran	ND	10	ug/L	SW846 8270C
Di-n-butyl phthalate	ND	20	ug/L	SW846 8270C
3,3'-Dichlorobenzidine	ND	20	ug/L	SW846 8270C
2,4-Dichlorophenol	ND	10	ug/L	SW846 8270C
Diethyl phthalate	ND	20	ug/L	SW846 8270C
2,4-Dimethylphenol	ND	10	ug/L	SW846 8270C
Dimethyl phthalate	ND	20	ug/L	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	60	ug/L	SW846 8270C
2,4-Dinitrophenol	ND	60	ug/L	SW846 8270C
2,4-Dinitrotoluene	ND	20	ug/L	SW846 8270C
2,6-Dinitrotoluene	ND	20	ug/L	SW846 8270C
Di-n-octyl phthalate	ND	20	ug/L	SW846 8270C
Fluoranthene	ND	20	ug/L	SW846 8270C
Fluorene	ND	10	ug/L	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: D7G250192 **Work Order #...:** J3N4T1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Hexachlorobenzene	ND	10	ug/L	SW846 8270C
Hexachlorocyclopenta-diene	ND	10	ug/L	SW846 8270C
Hexachloroethane	ND	10	ug/L	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	SW846 8270C
2-Methylnaphthalene	ND	10	ug/L	SW846 8270C
2-Methylphenol	ND	10	ug/L	SW846 8270C
Naphthalene	ND	10	ug/L	SW846 8270C
2-Nitroaniline	ND	50	ug/L	SW846 8270C
3-Nitroaniline	ND	50	ug/L	SW846 8270C
4-Nitroaniline	ND	50	ug/L	SW846 8270C
Nitrobenzene	ND	20	ug/L	SW846 8270C
2-Nitrophenol	ND	20	ug/L	SW846 8270C
4-Nitrophenol	ND	50	ug/L	SW846 8270C
N-Nitrosodiphenylamine	ND	10	ug/L	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	20	ug/L	SW846 8270C
Pentachlorophenol	ND	60	ug/L	SW846 8270C
Phenanthrene	ND	10	ug/L	SW846 8270C
Phenol	ND	10	ug/L	SW846 8270C
Pyrene	ND	10	ug/L	SW846 8270C
2,4,5-Trichloro-phenol	ND	20	ug/L	SW846 8270C
2,4,6-Trichloro-phenol	ND	20	ug/L	SW846 8270C
bis(2-Chloroisopropyl) ether	ND	10	ug/L	SW846 8270C
4-Methylphenol	ND	20	ug/L	SW846 8270C
Hexachlorobutadiene	ND	10	ug/L	SW846 8270C
Caprolactam	ND	20	ug/L	SW846 8270C
Atrazine	ND	50	ug/L	SW846 8270C
Carbazole	ND	10	ug/L	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	82	(51 - 120)
Phenol-d5	85	(51 - 120)
Nitrobenzene-d5	81	(48 - 120)
2-Fluorobiphenyl	70	(49 - 120)
2,4,6-Tribromophenol	90	(57 - 120)
Terphenyl-d14	98	(61 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

ND: The analyte was analyzed for, but not detected.

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: D7G250192 **Work Order #...:** J30H31AA **Matrix.....:** SOLID
MB Lot-Sample #: D7H010000-165

Prep Date.....: 08/01/07 **Analysis Time..:** 19:15
Analysis Date..: 08/02/07 **Prep Batch #...:** 7213165
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acenaphthene	ND	330	ug/kg	SW846 8270C
Acenaphthylene	ND	330	ug/kg	SW846 8270C
Acetophenone	ND	330	ug/kg	SW846 8270C
Anthracene	ND	330	ug/kg	SW846 8270C
Benzo(a)anthracene	ND	660	ug/kg	SW846 8270C
Benzo(b)fluoranthene	ND	660	ug/kg	SW846 8270C
Benzo(k)fluoranthene	ND	660	ug/kg	SW846 8270C
Benzo(ghi)perylene	ND	660	ug/kg	SW846 8270C
Benzo(a)pyrene	ND	660	ug/kg	SW846 8270C
bis(2-Chloroethoxy) methane	ND	330	ug/kg	SW846 8270C
bis(2-Chloroethyl)-ether	ND	660	ug/kg	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	660	ug/kg	SW846 8270C
4-Bromophenyl phenyl ether	ND	660	ug/kg	SW846 8270C
Butyl benzyl phthalate	ND	660	ug/kg	SW846 8270C
4-Chloroaniline	ND	1300	ug/kg	SW846 8270C
4-Chloro-3-methylphenol	ND	1300	ug/kg	SW846 8270C
2-Chloronaphthalene	ND	330	ug/kg	SW846 8270C
2-Chlorophenol	ND	660	ug/kg	SW846 8270C
4-Chlorophenyl phenyl ether	ND	660	ug/kg	SW846 8270C
Chrysene	ND	660	ug/kg	SW846 8270C
Dibenz(a,h)anthracene	ND	660	ug/kg	SW846 8270C
Dibenzofuran	ND	660	ug/kg	SW846 8270C
Di-n-butyl phthalate	ND	660	ug/kg	SW846 8270C
3,3'-Dichlorobenzidine	ND	1300	ug/kg	SW846 8270C
2,4-Dichlorophenol	ND	660	ug/kg	SW846 8270C
Diethyl phthalate	ND	660	ug/kg	SW846 8270C
2,4-Dimethylphenol	ND	660	ug/kg	SW846 8270C
Dimethyl phthalate	ND	660	ug/kg	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	3300	ug/kg	SW846 8270C
2,4-Dinitrophenol	ND	3300	ug/kg	SW846 8270C
2,4-Dinitrotoluene	ND	660	ug/kg	SW846 8270C
2,6-Dinitrotoluene	ND	660	ug/kg	SW846 8270C
Di-n-octyl phthalate	ND	660	ug/kg	SW846 8270C
Fluoranthene	ND	660	ug/kg	SW846 8270C
Fluorene	ND	660	ug/kg	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: D7G250192 **Work Order #...:** J30H31AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Hexachlorobenzene	ND	660	ug/kg	SW846 8270C
Hexachlorocyclopenta-diene	ND	660	ug/kg	SW846 8270C
Hexachloroethane	ND	660	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	660	ug/kg	SW846 8270C
2-Methylnaphthalene	ND	660	ug/kg	SW846 8270C
2-Methylphenol	ND	660	ug/kg	SW846 8270C
Naphthalene	ND	660	ug/kg	SW846 8270C
2-Nitroaniline	ND	3300	ug/kg	SW846 8270C
3-Nitroaniline	ND	3300	ug/kg	SW846 8270C
4-Nitroaniline	ND	3300	ug/kg	SW846 8270C
Nitrobenzene	ND	660	ug/kg	SW846 8270C
2-Nitrophenol	ND	660	ug/kg	SW846 8270C
4-Nitrophenol	ND	3300	ug/kg	SW846 8270C
N-Nitrosodiphenylamine	ND	660	ug/kg	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	660	ug/kg	SW846 8270C
Pentachlorophenol	ND	3300	ug/kg	SW846 8270C
Phenanthrene	ND	660	ug/kg	SW846 8270C
Phenol	ND	660	ug/kg	SW846 8270C
Pyrene	ND	660	ug/kg	SW846 8270C
2,4,5-Trichloro-phenol	ND	660	ug/kg	SW846 8270C
2,4,6-Trichloro-phenol	ND	660	ug/kg	SW846 8270C
bis(2-Chloroisopropyl) ether	ND	660	ug/kg	SW846 8270C
4-Methylphenol	ND	660	ug/kg	SW846 8270C
Hexachlorobutadiene	ND	660	ug/kg	SW846 8270C
Caprolactam	ND	1600	ug/kg	SW846 8270C
Atrazine	ND	330	ug/kg	SW846 8270C
Carbazole	ND	330	ug/kg	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	72	(53 - 120)
Phenol-d5	74	(52 - 120)
Nitrobenzene-d5	82	(50 - 120)
2-Fluorobiphenyl	74	(50 - 120)
2,4,6-Tribromophenol	75	(51 - 120)
Terphenyl-d14	80	(55 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

ND: The analyte was analyzed for, but not detected.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G250192 Work Order #...: J3KX21AC Matrix.....: SOLID
LCS Lot-Sample#: D7G260000-139
Prep Date.....: 07/26/07 Analysis Date..: 07/31/07
Prep Batch #...: 7207139 Analysis Time..: 11:22
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Acenaphthene	75	(52 - 120)	SW846 8270C
1,2,4-Trichloro-benzene	76	(50 - 120)	SW846 8270C
Acenaphthylene	76	(53 - 120)	SW846 8270C
1,3-Dichlorobenzene	70	(46 - 120)	SW846 8270C
Anthracene	76	(57 - 120)	SW846 8270C
Benzo(a)anthracene	72	(55 - 120)	SW846 8270C
Benzo(b)fluoranthene	70	(52 - 120)	SW846 8270C
Benzo(k)fluoranthene	83	(54 - 120)	SW846 8270C
Benzo(ghi)perylene	72	(50 - 120)	SW846 8270C
Benzo(a)pyrene	73	(54 - 120)	SW846 8270C
bis(2-Chloroethoxy) methane	76	(49 - 120)	SW846 8270C
bis(2-Chloroethyl)-ether	72	(48 - 120)	SW846 8270C
bis(2-Ethylhexyl) phthalate	77	(51 - 120)	SW846 8270C
4-Bromophenyl phenyl ether	75	(53 - 120)	SW846 8270C
Butyl benzyl phthalate	79	(49 - 120)	SW846 8270C
4-Chloroaniline	63	(28 - 120)	SW846 8270C
4-Chloro-3-methylphenol	75	(57 - 120)	SW846 8270C
2-Chloronaphthalene	78	(53 - 120)	SW846 8270C
2-Chlorophenol	75	(53 - 120)	SW846 8270C
4-Chlorophenyl phenyl ether	76	(55 - 120)	SW846 8270C
Chrysene	74	(55 - 120)	SW846 8270C
Dibenz(a,h)anthracene	72	(55 - 120)	SW846 8270C
Dibenzofuran	78	(56 - 120)	SW846 8270C
Di-n-butyl phthalate	78	(57 - 120)	SW846 8270C
3,3'-Dichlorobenzidine	68	(34 - 120)	SW846 8270C
2,4-Dichlorophenol	76	(53 - 120)	SW846 8270C
Diethyl phthalate	76	(57 - 120)	SW846 8270C
2,4-Dimethylphenol	63	(53 - 120)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G250192 **Work Order #...:** J3KX21AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7G260000-139

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Dimethyl phthalate	76	(57 - 120)	SW846 8270C
4,6-Dinitro-2-methylphenol	70	(30 - 120)	SW846 8270C
2,4-Dinitrophenol	62	(15 - 120)	SW846 8270C
2,4-Dinitrotoluene	80	(53 - 120)	SW846 8270C
2,6-Dinitrotoluene	73	(53 - 120)	SW846 8270C
Di-n-octyl phthalate	78	(54 - 120)	SW846 8270C
Fluoranthene	79	(55 - 120)	SW846 8270C
Fluorene	75	(55 - 120)	SW846 8270C
Hexachlorobenzene	75	(51 - 120)	SW846 8270C
Hexachlorocyclopentadiene	80	(35 - 120)	SW846 8270C
Hexachloroethane	72	(46 - 120)	SW846 8270C
Indeno(1,2,3-cd)pyrene	69	(54 - 120)	SW846 8270C
2-Methylnaphthalene	76	(55 - 120)	SW846 8270C
2-Methylphenol	73	(51 - 120)	SW846 8270C
Naphthalene	74	(50 - 120)	SW846 8270C
2-Nitroaniline	76	(50 - 120)	SW846 8270C
Benzyl alcohol	79	(52 - 120)	SW846 8270C
3-Nitroaniline	69	(35 - 120)	SW846 8270C
4-Nitroaniline	78	(44 - 120)	SW846 8270C
Nitrobenzene	75	(49 - 120)	SW846 8270C
2-Nitrophenol	78	(53 - 120)	SW846 8270C
4-Nitrophenol	78	(41 - 120)	SW846 8270C
N-Nitrosodiphenylamine	64	(55 - 120)	SW846 8270C
N-Nitrosodi-n-propylamine	78	(51 - 120)	SW846 8270C
Pentachlorophenol	69	(30 - 120)	SW846 8270C
Phenanthrene	73	(58 - 120)	SW846 8270C
Benzoic acid	74	(10 - 120)	SW846 8270C
Phenol	75	(54 - 120)	SW846 8270C
Pyrene	74	(50 - 120)	SW846 8270C
2,4,5-Trichlorophenol	78	(56 - 120)	SW846 8270C
2,4,6-Trichlorophenol	78	(50 - 120)	SW846 8270C
bis(2-Chloroisopropyl) ether	67	(47 - 120)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G250192 **Work Order #...:** J3KX21AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7G260000-139

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
4-Methylphenol	**74**	**(53 - 120)**	**SW846 8270C**
Hexachlorobutadiene	**76**	**(48 - 120)**	**SW846 8270C**
Carbazole	**75**	**(54 - 120)**	**SW846 8270C**
Isophorone	**78**	**(46 - 120)**	**SW846 8270C**
Pyridine	**43**	**(23 - 120)**	**SW846 8270C**
3-Methylphenol & 4-Methylphenol	**74**	**(53 - 120)**	**SW846 8270C**
N-Nitrosodimethylamine	**69**	**(41 - 120)**	**SW846 8270C**
1,2-Dichlorobenzene	**73**	**(48 - 120)**	**SW846 8270C**
1,4-Dichlorobenzene	**70**	**(46 - 120)**	**SW846 8270C**
Aniline	**38**	**(17 - 120)**	**SW846 8270C**
1,2-Diphenylhydrazine (as Azobenzene)	**75**	**(54 - 120)**	**SW846 8270C**
1-Methylnaphthalene	**75**	**(52 - 120)**	**SW846 8270C**
1,4-Dioxane	**39**	**(21 - 120)**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	77	(53 - 120)
Phenol-d5	77	(52 - 120)
Nitrobenzene-d5	76	(50 - 120)
2-Fluorobiphenyl	78	(50 - 120)
2,4,6-Tribromophenol	76	(51 - 120)
Terphenyl-d14	78	(55 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G250192 Work Order #...: J3KX21AC Matrix.....: SOLID
LCS Lot-Sample#: D7G260000-139
Prep Date.....: 07/26/07 Analysis Date..: 07/31/07
Prep Batch #...: 7207139 Analysis Time..: 11:22
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Acenaphthene	3260	2450	ug/kg	75	SW846 8270C
1,2,4-Trichloro-benzene	3260	2470	ug/kg	76	SW846 8270C
Acenaphthylene	3260	2460	ug/kg	76	SW846 8270C
1,3-Dichlorobenzene	3260	2290	ug/kg	70	SW846 8270C
Anthracene	3260	2470	ug/kg	76	SW846 8270C
Benzo(a)anthracene	3260	2360	ug/kg	72	SW846 8270C
Benzo(b)fluoranthene	3260	2280	ug/kg	70	SW846 8270C
Benzo(k)fluoranthene	3260	2710	ug/kg	83	SW846 8270C
Benzo(ghi)perylene	3260	2350	ug/kg	72	SW846 8270C
Benzo(a)pyrene	3260	2390	ug/kg	73	SW846 8270C
bis(2-Chloroethoxy) methane	3260	2460	ug/kg	76	SW846 8270C
bis(2-Chloroethyl)-ether	3260	2350	ug/kg	72	SW846 8270C
bis(2-Ethylhexyl) phthalate	3260	2520	ug/kg	77	SW846 8270C
4-Bromophenyl phenyl ether	3260	2450	ug/kg	75	SW846 8270C
Butyl benzyl phthalate	3260	2570	ug/kg	79	SW846 8270C
4-Chloroaniline	3260	2060	ug/kg	63	SW846 8270C
4-Chloro-3-methylphenol	3260	2450	ug/kg	75	SW846 8270C
2-Chloronaphthalene	3260	2540	ug/kg	78	SW846 8270C
2-Chlorophenol	3260	2440	ug/kg	75	SW846 8270C
4-Chlorophenyl phenyl ether	3260	2480	ug/kg	76	SW846 8270C
Chrysene	3260	2410	ug/kg	74	SW846 8270C
Dibenz(a,h)anthracene	3260	2360	ug/kg	72	SW846 8270C
Dibenzofuran	3260	2530	ug/kg	78	SW846 8270C
Di-n-butyl phthalate	3260	2550	ug/kg	78	SW846 8270C
3,3'-Dichlorobenzidine	3260	2210	ug/kg	68	SW846 8270C
2,4-Dichlorophenol	3260	2490	ug/kg	76	SW846 8270C
Diethyl phthalate	3260	2490	ug/kg	76	SW846 8270C
2,4-Dimethylphenol	3260	2060	ug/kg	63	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G250192 **Work Order #...:** J3KX21AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7G260000-139

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Dimethyl phthalate	3260	2480	ug/kg	76	SW846 8270C
4,6-Dinitro-2-methylphenol	3260	2280	ug/kg	70	SW846 8270C
2,4-Dinitrophenol	3260	2000	ug/kg	62	SW846 8270C
2,4-Dinitrotoluene	3260	2610	ug/kg	80	SW846 8270C
2,6-Dinitrotoluene	3260	2380	ug/kg	73	SW846 8270C
Di-n-octyl phthalate	3260	2540	ug/kg	78	SW846 8270C
Fluoranthene	3260	2570	ug/kg	79	SW846 8270C
Fluorene	3260	2450	ug/kg	75	SW846 8270C
Hexachlorobenzene	3260	2460	ug/kg	75	SW846 8270C
Hexachlorocyclopentadiene	3260	2610	ug/kg	80	SW846 8270C
Hexachloroethane	3260	2330	ug/kg	72	SW846 8270C
Indeno(1,2,3-cd)pyrene	3260	2260	ug/kg	69	SW846 8270C
2-Methylnaphthalene	3260	2490	ug/kg	76	SW846 8270C
2-Methylphenol	3260	2370	ug/kg	73	SW846 8270C
Naphthalene	3260	2400	ug/kg	74	SW846 8270C
2-Nitroaniline	3260	2480	ug/kg	76	SW846 8270C
Benzyl alcohol	3260	2580	ug/kg	79	SW846 8270C
3-Nitroaniline	3260	2250	ug/kg	69	SW846 8270C
4-Nitroaniline	3260	2560	ug/kg	78	SW846 8270C
Nitrobenzene	3260	2440	ug/kg	75	SW846 8270C
2-Nitrophenol	3260	2530	ug/kg	78	SW846 8270C
4-Nitrophenol	3260	2530	ug/kg	78	SW846 8270C
N-Nitrosodiphenylamine	3260	2090	ug/kg	64	SW846 8270C
N-Nitrosodi-n-propylamine	3260	2540	ug/kg	78	SW846 8270C
Pentachlorophenol	3260	2260	ug/kg	69	SW846 8270C
Phenanthrene	3260	2360	ug/kg	73	SW846 8270C
Benzoic acid	3260	2410	ug/kg	74	SW846 8270C
Phenol	3260	2440	ug/kg	75	SW846 8270C
Pyrene	3260	2420	ug/kg	74	SW846 8270C
2,4,5-Trichlorophenol	3260	2530	ug/kg	78	SW846 8270C
2,4,6-Trichlorophenol	3260	2540	ug/kg	78	SW846 8270C
bis(2-Chloroisopropyl) ether	3260	2190	ug/kg	67	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G250192 **Work Order #...:** J3KX21AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7G260000-139

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
4-Methylphenol	**3260**	**2420**	**ug/kg**	**74**	**SW846 8270C**
Hexachlorobutadiene	**3260**	**2480**	**ug/kg**	**76**	**SW846 8270C**
Carbazole	**3260**	**2460**	**ug/kg**	**75**	**SW846 8270C**
Isophorone	**3260**	**2550**	**ug/kg**	**78**	**SW846 8270C**
Pyridine	**3260**	**1400**	**ug/kg**	**43**	**SW846 8270C**
3-Methylphenol & 4-Methylphenol	**3260**	**2420**	**ug/kg**	**74**	**SW846 8270C**
N-Nitrosodimethylamine	**3260**	**2230**	**ug/kg**	**69**	**SW846 8270C**
1,2-Dichlorobenzene	**3260**	**2380**	**ug/kg**	**73**	**SW846 8270C**
1,4-Dichlorobenzene	**3260**	**2280**	**ug/kg**	**70**	**SW846 8270C**
Aniline	**3260**	**1240**	**ug/kg**	**38**	**SW846 8270C**
1,2-Diphenylhydrazine (as Azobenzene)	**3260**	**2440**	**ug/kg**	**75**	**SW846 8270C**
1-Methylnaphthalene	**3260**	**2440**	**ug/kg**	**75**	**SW846 8270C**
1,4-Dioxane	**3260**	**1270**	**ug/kg**	**39**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	77	(53 - 120)
Phenol-d5	77	(52 - 120)
Nitrobenzene-d5	76	(50 - 120)
2-Fluorobiphenyl	78	(50 - 120)
2,4,6-Tribromophenol	76	(51 - 120)
Terphenyl-d14	78	(55 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G250192 **Work Order #...:** J3N4T1AC **Matrix.....:** WATER
LCS Lot-Sample#: D7G270000-174
Prep Date.....: 07/27/07 **Analysis Date..:** 08/07/07
Prep Batch #...: 7208174 **Analysis Time..:** 12:58
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Acenaphthene	82	(53 - 120)	SW846 8270C
1,2,4-Trichloro-benzene	66	(43 - 120)	SW846 8270C
Acenaphthylene	82	(54 - 120)	SW846 8270C
1,3-Dichlorobenzene	60	(38 - 120)	SW846 8270C
Anthracene	89	(56 - 120)	SW846 8270C
Benzo(a)anthracene	86	(54 - 120)	SW846 8270C
Benzo(b)fluoranthene	84	(57 - 120)	SW846 8270C
Benzo(k)fluoranthene	91	(52 - 120)	SW846 8270C
Benzo(ghi)perylene	85	(53 - 120)	SW846 8270C
Benzo(a)pyrene	83	(53 - 120)	SW846 8270C
bis(2-Chloroethoxy) methane	81	(52 - 120)	SW846 8270C
bis(2-Chloroethyl)-ether	80	(49 - 120)	SW846 8270C
bis(2-Ethylhexyl) phthalate	87	(48 - 120)	SW846 8270C
4-Bromophenyl phenyl ether	94	(52 - 120)	SW846 8270C
Butyl benzyl phthalate	87	(55 - 120)	SW846 8270C
4-Chloroaniline	74	(52 - 120)	SW846 8270C
4-Chloro-3-methylphenol	82	(63 - 120)	SW846 8270C
2-Chloronaphthalene	83	(47 - 120)	SW846 8270C
2-Chlorophenol	80	(57 - 120)	SW846 8270C
4-Chlorophenyl phenyl ether	84	(56 - 120)	SW846 8270C
Chrysene	84	(56 - 120)	SW846 8270C
Dibenz(a,h)anthracene	90	(54 - 120)	SW846 8270C
Dibenzofuran	83	(58 - 120)	SW846 8270C
Di-n-butyl phthalate	88	(52 - 120)	SW846 8270C
3,3'-Dichlorobenzidine	69	(29 - 120)	SW846 8270C
2,4-Dichlorophenol	84	(59 - 120)	SW846 8270C
Diethyl phthalate	86	(61 - 120)	SW846 8270C
2,4-Dimethylphenol	69	(41 - 120)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G250192 Work Order #...: J3N4T1AC Matrix.....: WATER
LCS Lot-Sample#: D7G270000-174

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Dimethyl phthalate	87	(61 - 120)	SW846 8270C
4,6-Dinitro-2-methylphenol	76	(37 - 126)	SW846 8270C
2,4-Dinitrophenol	77	(30 - 136)	SW846 8270C
2,4-Dinitrotoluene	85	(51 - 120)	SW846 8270C
2,6-Dinitrotoluene	79	(42 - 125)	SW846 8270C
Di-n-octyl phthalate	86	(47 - 120)	SW846 8270C
Fluoranthene	90	(49 - 120)	SW846 8270C
Fluorene	82	(57 - 120)	SW846 8270C
Hexachlorobenzene	96	(53 - 120)	SW846 8270C
Hexachlorocyclopentadiene	57	(10 - 120)	SW846 8270C
Hexachloroethane	57	(36 - 120)	SW846 8270C
Indeno(1,2,3-cd)pyrene	85	(56 - 120)	SW846 8270C
2-Methylnaphthalene	74	(54 - 120)	SW846 8270C
2-Methylphenol	80	(50 - 120)	SW846 8270C
Naphthalene	71	(46 - 120)	SW846 8270C
2-Nitroaniline	89	(44 - 120)	SW846 8270C
Benzyl alcohol	85	(55 - 120)	SW846 8270C
3-Nitroaniline	84	(49 - 120)	SW846 8270C
4-Nitroaniline	78	(39 - 120)	SW846 8270C
Nitrobenzene	81	(41 - 120)	SW846 8270C
2-Nitrophenol	84	(51 - 120)	SW846 8270C
4-Nitrophenol	84	(49 - 124)	SW846 8270C
N-Nitrosodiphenylamine	67	(58 - 120)	SW846 8270C
N-Nitrosodi-n-propylamine	83	(46 - 120)	SW846 8270C
Pentachlorophenol	82	(52 - 120)	SW846 8270C
Phenanthrene	88	(57 - 120)	SW846 8270C
Benzoic acid	75	(16 - 120)	SW846 8270C
Phenol	82	(52 - 120)	SW846 8270C
Pyrene	88	(56 - 120)	SW846 8270C
2,4,5-Trichlorophenol	88	(60 - 120)	SW846 8270C
2,4,6-Trichlorophenol	89	(52 - 120)	SW846 8270C
bis(2-Chloroisopropyl) ether	76	(37 - 120)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G250192 **Work Order #...:** J3N4T1AC **Matrix.....:** WATER
LCS Lot-Sample#: D7G270000-174

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
4-Methylphenol	**81**	**(54 - 120)**	**SW846 8270C**
Hexachlorobutadiene	**65**	**(40 - 120)**	**SW846 8270C**
Carbazole	**90**	**(48 - 120)**	**SW846 8270C**
Isophorone	**83**	**(51 - 120)**	**SW846 8270C**
Pyridine	**67**	**(24 - 120)**	**SW846 8270C**
3-Methylphenol & 4-Methylphenol	**81**	**(54 - 120)**	**SW846 8270C**
N-Nitrosodimethylamine	**75**	**(44 - 120)**	**SW846 8270C**
1,2-Dichlorobenzene	**64**	**(40 - 120)**	**SW846 8270C**
1,4-Dichlorobenzene	**59**	**(38 - 120)**	**SW846 8270C**
Aniline	**45**	**(10 - 120)**	**SW846 8270C**
1,2-Diphenylhydrazine (as Azobenzene)	**83**	**(55 - 120)**	**SW846 8270C**
1-Methylnaphthalene	**73**	**(52 - 120)**	**SW846 8270C**
1,4-Dioxane	**73**	**(43 - 120)**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	81	(51 - 120)
Phenol-d5	85	(51 - 120)
Nitrobenzene-d5	82	(48 - 120)
2-Fluorobiphenyl	82	(49 - 120)
2,4,6-Tribromophenol	109	(57 - 120)
Terphenyl-d14	93	(61 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G250192
LCS Lot-Sample#: D7G270000-174
Prep Date.....: 07/27/07
Prep Batch #...: 7208174
Dilution Factor: 1

Work Order #...: J3N4T1AC

Analysis Date..: 08/07/07
Analysis Time..: 12:58

Matrix.....: WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Acenaphthene	100	82.0	ug/L	82	SW846 8270C
1,2,4-Trichloro-benzene	100	66.1	ug/L	66	SW846 8270C
Acenaphthylene	100	81.8	ug/L	82	SW846 8270C
1,3-Dichlorobenzene	100	59.6	ug/L	60	SW846 8270C
Anthracene	100	89.1	ug/L	89	SW846 8270C
Benzo(a)anthracene	100	86.4	ug/L	86	SW846 8270C
Benzo(b)fluoranthene	100	83.7	ug/L	84	SW846 8270C
Benzo(k)fluoranthene	100	91.1	ug/L	91	SW846 8270C
Benzo(ghi)perylene	100	85.5	ug/L	85	SW846 8270C
Benzo(a)pyrene	100	83.4	ug/L	83	SW846 8270C
bis(2-Chloroethoxy) methane	100	80.7	ug/L	81	SW846 8270C
bis(2-Chloroethyl)-ether	100	80.0	ug/L	80	SW846 8270C
bis(2-Ethylhexyl) phthalate	100	87.1	ug/L	87	SW846 8270C
4-Bromophenyl phenyl ether	100	94.3	ug/L	94	SW846 8270C
Butyl benzyl phthalate	100	86.7	ug/L	87	SW846 8270C
4-Chloroaniline	100	74.1	ug/L	74	SW846 8270C
4-Chloro-3-methylphenol	100	82.0	ug/L	82	SW846 8270C
2-Chloronaphthalene	100	83.3	ug/L	83	SW846 8270C
2-Chlorophenol	100	79.9	ug/L	80	SW846 8270C
4-Chlorophenyl phenyl ether	100	83.6	ug/L	84	SW846 8270C
Chrysene	100	83.9	ug/L	84	SW846 8270C
Dibenz(a,h)anthracene	100	89.6	ug/L	90	SW846 8270C
Dibenzofuran	100	82.7	ug/L	83	SW846 8270C
Di-n-butyl phthalate	100	88.5	ug/L	88	SW846 8270C
3,3'-Dichlorobenzidine	100	69.0	ug/L	69	SW846 8270C
2,4-Dichlorophenol	100	84.4	ug/L	84	SW846 8270C
Diethyl phthalate	100	85.8	ug/L	86	SW846 8270C
2,4-Dimethylphenol	100	69.5	ug/L	69	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G250192 **Work Order #...:** J3N4T1AC **Matrix.....:** WATER
LCS Lot-Sample#: D7G270000-174

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Dimethyl phthalate	100	87.2	ug/L	87	SW846 8270C
4,6-Dinitro-2-methylphenol	100	76.1	ug/L	76	SW846 8270C
2,4-Dinitrophenol	100	77.0	ug/L	77	SW846 8270C
2,4-Dinitrotoluene	100	85.1	ug/L	85	SW846 8270C
2,6-Dinitrotoluene	100	78.6	ug/L	79	SW846 8270C
Di-n-octyl phthalate	100	86.3	ug/L	86	SW846 8270C
Fluoranthene	100	89.9	ug/L	90	SW846 8270C
Fluorene	100	82.4	ug/L	82	SW846 8270C
Hexachlorobenzene	100	95.9	ug/L	96	SW846 8270C
Hexachlorocyclopentadiene	100	56.9	ug/L	57	SW846 8270C
Hexachloroethane	100	56.9	ug/L	57	SW846 8270C
Indeno(1,2,3-cd)pyrene	100	85.0	ug/L	85	SW846 8270C
2-Methylnaphthalene	100	73.6	ug/L	74	SW846 8270C
2-Methylphenol	100	79.9	ug/L	80	SW846 8270C
Naphthalene	100	70.6	ug/L	71	SW846 8270C
2-Nitroaniline	100	89.0	ug/L	89	SW846 8270C
Benzyl alcohol	100	85.0	ug/L	85	SW846 8270C
3-Nitroaniline	100	83.9	ug/L	84	SW846 8270C
4-Nitroaniline	100	78.3	ug/L	78	SW846 8270C
Nitrobenzene	100	80.9	ug/L	81	SW846 8270C
2-Nitrophenol	100	84.1	ug/L	84	SW846 8270C
4-Nitrophenol	100	84.5	ug/L	84	SW846 8270C
N-Nitrosodiphenylamine	100	67.2	ug/L	67	SW846 8270C
N-Nitrosodi-n-propylamine	100	82.7	ug/L	83	SW846 8270C
Pentachlorophenol	100	81.8	ug/L	82	SW846 8270C
Phenanthrene	100	87.8	ug/L	88	SW846 8270C
Benzoic acid	100	75.3	ug/L	75	SW846 8270C
Phenol	100	82.0	ug/L	82	SW846 8270C
Pyrene	100	88.0	ug/L	88	SW846 8270C
2,4,5-Trichlorophenol	100	88.4	ug/L	88	SW846 8270C
2,4,6-Trichlorophenol	100	89.4	ug/L	89	SW846 8270C
bis(2-Chloroisopropyl) ether	100	75.9	ug/L	76	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G250192 **Work Order #...:** J3N4T1AC **Matrix.....:** WATER
LCS Lot-Sample#: D7G270000-174

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
4-Methylphenol	**100**	**80.7**	**ug/L**	**81**	**SW846 8270C**
Hexachlorobutadiene	**100**	**65.0**	**ug/L**	**65**	**SW846 8270C**
Carbazole	**100**	**89.6**	**ug/L**	**90**	**SW846 8270C**
Isophorone	**100**	**83.0**	**ug/L**	**83**	**SW846 8270C**
Pyridine	**100**	**67.5**	**ug/L**	**67**	**SW846 8270C**
3-Methylphenol & 4-Methylphenol	**100**	**80.7**	**ug/L**	**81**	**SW846 8270C**
N-Nitrosodimethylamine	**100**	**74.7**	**ug/L**	**75**	**SW846 8270C**
1,2-Dichlorobenzene	**100**	**63.6**	**ug/L**	**64**	**SW846 8270C**
1,4-Dichlorobenzene	**100**	**59.1**	**ug/L**	**59**	**SW846 8270C**
Aniline	**100**	**44.7**	**ug/L**	**45**	**SW846 8270C**
1,2-Diphenylhydrazine (as Azobenzene)	**100**	**82.6**	**ug/L**	**83**	**SW846 8270C**
1-Methylnaphthalene	**100**	**72.9**	**ug/L**	**73**	**SW846 8270C**
1,4-Dioxane	**100**	**72.6**	**ug/L**	**73**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	81	(51 - 120)
Phenol-d5	85	(51 - 120)
Nitrobenzene-d5	82	(48 - 120)
2-Fluorobiphenyl	82	(49 - 120)
2,4,6-Tribromophenol	109	(57 - 120)
Terphenyl-d14	93	(61 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G250192 **Work Order #...:** J30H31AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7H010000-165
Prep Date.....: 08/01/07 **Analysis Date..:** 08/02/07
Prep Batch #...: 7213165 **Analysis Time..:** 19:35
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Acenaphthene	77	(52 - 120)	SW846 8270C
1,2,4-Trichloro-benzene	79	(50 - 120)	SW846 8270C
Acenaphthylene	79	(53 - 120)	SW846 8270C
1,3-Dichlorobenzene	73	(46 - 120)	SW846 8270C
Anthracene	86	(57 - 120)	SW846 8270C
Benzo(a)anthracene	84	(55 - 120)	SW846 8270C
Benzo(b)fluoranthene	91	(52 - 120)	SW846 8270C
Benzo(k)fluoranthene	76	(54 - 120)	SW846 8270C
Benzo(ghi)perylene	84	(50 - 120)	SW846 8270C
Benzo(a)pyrene	82	(54 - 120)	SW846 8270C
bis(2-Chloroethoxy) methane	77	(49 - 120)	SW846 8270C
bis(2-Chloroethyl)-ether	71	(48 - 120)	SW846 8270C
bis(2-Ethylhexyl) phthalate	98	(51 - 120)	SW846 8270C
4-Bromophenyl phenyl ether	86	(53 - 120)	SW846 8270C
Butyl benzyl phthalate	92	(49 - 120)	SW846 8270C
4-Chloroaniline	60	(28 - 120)	SW846 8270C
4-Chloro-3-methylphenol	84	(57 - 120)	SW846 8270C
2-Chloronaphthalene	79	(53 - 120)	SW846 8270C
2-Chlorophenol	75	(53 - 120)	SW846 8270C
4-Chlorophenyl phenyl ether	85	(55 - 120)	SW846 8270C
Chrysene	82	(55 - 120)	SW846 8270C
Dibenz(a,h)anthracene	83	(55 - 120)	SW846 8270C
Dibenzofuran	81	(56 - 120)	SW846 8270C
Di-n-butyl phthalate	90	(57 - 120)	SW846 8270C
3,3'-Dichlorobenzidine	72	(34 - 120)	SW846 8270C
2,4-Dichlorophenol	84	(53 - 120)	SW846 8270C
Diethyl phthalate	87	(57 - 120)	SW846 8270C
2,4-Dimethylphenol	68	(53 - 120)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G250192 **Work Order #...:** J30H31AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7H010000-165

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Dimethyl phthalate	86	(57 - 120)	SW846 8270C
4,6-Dinitro-2-methylphenol	102	(30 - 120)	SW846 8270C
2,4-Dinitrophenol	105	(15 - 120)	SW846 8270C
2,4-Dinitrotoluene	103	(53 - 120)	SW846 8270C
2,6-Dinitrotoluene	94	(53 - 120)	SW846 8270C
Di-n-octyl phthalate	101	(54 - 120)	SW846 8270C
Fluoranthene	91	(55 - 120)	SW846 8270C
Fluorene	82	(55 - 120)	SW846 8270C
Hexachlorobenzene	86	(51 - 120)	SW846 8270C
Hexachlorocyclopentadiene	82	(35 - 120)	SW846 8270C
Hexachloroethane	73	(46 - 120)	SW846 8270C
Indeno(1,2,3-cd)pyrene	80	(54 - 120)	SW846 8270C
2-Methylnaphthalene	79	(55 - 120)	SW846 8270C
2-Methylphenol	74	(51 - 120)	SW846 8270C
Naphthalene	75	(50 - 120)	SW846 8270C
2-Nitroaniline	96	(50 - 120)	SW846 8270C
Benzyl alcohol	77	(52 - 120)	SW846 8270C
3-Nitroaniline	82	(35 - 120)	SW846 8270C
4-Nitroaniline	90	(44 - 120)	SW846 8270C
Nitrobenzene	81	(49 - 120)	SW846 8270C
2-Nitrophenol	93	(53 - 120)	SW846 8270C
4-Nitrophenol	97	(41 - 120)	SW846 8270C
N-Nitrosodiphenylamine	71	(55 - 120)	SW846 8270C
N-Nitrosodi-n-propylamine	77	(51 - 120)	SW846 8270C
Pentachlorophenol	89	(30 - 120)	SW846 8270C
Phenanthrene	83	(58 - 120)	SW846 8270C
Benzoic acid	96	(10 - 120)	SW846 8270C
Phenol	75	(54 - 120)	SW846 8270C
Pyrene	85	(50 - 120)	SW846 8270C
2,4,5-Trichlorophenol	89	(56 - 120)	SW846 8270C
2,4,6-Trichlorophenol	85	(50 - 120)	SW846 8270C
bis(2-Chloroisopropyl) ether	72	(47 - 120)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G250192 **Work Order #...:** J30H31AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7H010000-165

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
4-Methylphenol	**77**	**(53 - 120)**	**SW846 8270C**
Hexachlorobutadiene	**82**	**(48 - 120)**	**SW846 8270C**
Carbazole	**87**	**(54 - 120)**	**SW846 8270C**
Isophorone	**80**	**(46 - 120)**	**SW846 8270C**
Pyridine	**43**	**(23 - 120)**	**SW846 8270C**
3-Methylphenol & 4-Methylphenol	**77**	**(53 - 120)**	**SW846 8270C**
N-Nitrosodimethylamine	**63**	**(41 - 120)**	**SW846 8270C**
1,2-Dichlorobenzene	**76**	**(48 - 120)**	**SW846 8270C**
1,4-Dichlorobenzene	**72**	**(46 - 120)**	**SW846 8270C**
Aniline	**37**	**(17 - 120)**	**SW846 8270C**
1,2-Diphenylhydrazine (as Azobenzene)	**81**	**(54 - 120)**	**SW846 8270C**
1-Methylnaphthalene	**78**	**(52 - 120)**	**SW846 8270C**
1,4-Dioxane	**30**	**(21 - 120)**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	74	(53 - 120)
Phenol-d5	76	(52 - 120)
Nitrobenzene-d5	84	(50 - 120)
2-Fluorobiphenyl	78	(50 - 120)
2,4,6-Tribromophenol	92	(51 - 120)
Terphenyl-d14	86	(55 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G250192 **Work Order #...:** J30H31AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7H010000-165
Prep Date.....: 08/01/07 **Analysis Date..:** 08/02/07
Prep Batch #...: 7213165 **Analysis Time..:** 19:35
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Acenaphthene	3310	2550	ug/kg	77	SW846 8270C
1,2,4-Trichloro-benzene	3310	2610	ug/kg	79	SW846 8270C
Acenaphthylene	3310	2620	ug/kg	79	SW846 8270C
1,3-Dichlorobenzene	3310	2430	ug/kg	73	SW846 8270C
Anthracene	3310	2860	ug/kg	86	SW846 8270C
Benzo(a)anthracene	3310	2770	ug/kg	84	SW846 8270C
Benzo(b)fluoranthene	3310	3000	ug/kg	91	SW846 8270C
Benzo(k)fluoranthene	3310	2520	ug/kg	76	SW846 8270C
Benzo(ghi)perylene	3310	2780	ug/kg	84	SW846 8270C
Benzo(a)pyrene	3310	2720	ug/kg	82	SW846 8270C
bis(2-Chloroethoxy) methane	3310	2540	ug/kg	77	SW846 8270C
bis(2-Chloroethyl)-ether	3310	2340	ug/kg	71	SW846 8270C
bis(2-Ethylhexyl) phthalate	3310	3240	ug/kg	98	SW846 8270C
4-Bromophenyl phenyl ether	3310	2860	ug/kg	86	SW846 8270C
Butyl benzyl phthalate	3310	3060	ug/kg	92	SW846 8270C
4-Chloroaniline	3310	1990	ug/kg	60	SW846 8270C
4-Chloro-3-methylphenol	3310	2800	ug/kg	84	SW846 8270C
2-Chloronaphthalene	3310	2600	ug/kg	79	SW846 8270C
2-Chlorophenol	3310	2490	ug/kg	75	SW846 8270C
4-Chlorophenyl phenyl ether	3310	2830	ug/kg	85	SW846 8270C
Chrysene	3310	2710	ug/kg	82	SW846 8270C
Dibenz(a,h)anthracene	3310	2730	ug/kg	83	SW846 8270C
Dibenzofuran	3310	2680	ug/kg	81	SW846 8270C
Di-n-butyl phthalate	3310	2970	ug/kg	90	SW846 8270C
3,3'-Dichlorobenzidine	3310	2390	ug/kg	72	SW846 8270C
2,4-Dichlorophenol	3310	2770	ug/kg	84	SW846 8270C
Diethyl phthalate	3310	2900	ug/kg	87	SW846 8270C
2,4-Dimethylphenol	3310	2270	ug/kg	68	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G250192 **Work Order #...:** J30H31AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7H010000-165

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Dimethyl phthalate	3310	2850	ug/kg	86	SW846 8270C
4,6-Dinitro-2-methylphenol	3310	3380	ug/kg	102	SW846 8270C
2,4-Dinitrophenol	3310	3490	ug/kg	105	SW846 8270C
2,4-Dinitrotoluene	3310	3400	ug/kg	103	SW846 8270C
2,6-Dinitrotoluene	3310	3110	ug/kg	94	SW846 8270C
Di-n-octyl phthalate	3310	3340	ug/kg	101	SW846 8270C
Fluoranthene	3310	3020	ug/kg	91	SW846 8270C
Fluorene	3310	2720	ug/kg	82	SW846 8270C
Hexachlorobenzene	3310	2850	ug/kg	86	SW846 8270C
Hexachlorocyclopentadiene	3310	2710	ug/kg	82	SW846 8270C
Hexachloroethane	3310	2400	ug/kg	73	SW846 8270C
Indeno(1,2,3-cd)pyrene	3310	2660	ug/kg	80	SW846 8270C
2-Methylnaphthalene	3310	2600	ug/kg	79	SW846 8270C
2-Methylphenol	3310	2460	ug/kg	74	SW846 8270C
Naphthalene	3310	2490	ug/kg	75	SW846 8270C
2-Nitroaniline	3310	3180	ug/kg	96	SW846 8270C
Benzyl alcohol	3310	2560	ug/kg	77	SW846 8270C
3-Nitroaniline	3310	2710	ug/kg	82	SW846 8270C
4-Nitroaniline	3310	2990	ug/kg	90	SW846 8270C
Nitrobenzene	3310	2670	ug/kg	81	SW846 8270C
2-Nitrophenol	3310	3060	ug/kg	93	SW846 8270C
4-Nitrophenol	3310	3200	ug/kg	97	SW846 8270C
N-Nitrosodiphenylamine	3310	2360	ug/kg	71	SW846 8270C
N-Nitrosodi-n-propylamine	3310	2540	ug/kg	77	SW846 8270C
Pentachlorophenol	3310	2940	ug/kg	89	SW846 8270C
Phenanthrene	3310	2750	ug/kg	83	SW846 8270C
Benzoic acid	3310	3190	ug/kg	96	SW846 8270C
Phenol	3310	2480	ug/kg	75	SW846 8270C
Pyrene	3310	2800	ug/kg	85	SW846 8270C
2,4,5-Trichlorophenol	3310	2930	ug/kg	89	SW846 8270C
2,4,6-Trichlorophenol	3310	2810	ug/kg	85	SW846 8270C
bis(2-Chloroisopropyl) ether	3310	2390	ug/kg	72	SW846 8270C

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G250192 **Work Order #...:** J30H31AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7H010000-165

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
4-Methylphenol	**3310**	**2550**	**ug/kg**	**77**	**SW846 8270C**
Hexachlorobutadiene	**3310**	**2710**	**ug/kg**	**82**	**SW846 8270C**
Carbazole	**3310**	**2890**	**ug/kg**	**87**	**SW846 8270C**
Isophorone	**3310**	**2650**	**ug/kg**	**80**	**SW846 8270C**
Pyridine	**3310**	**1440**	**ug/kg**	**43**	**SW846 8270C**
3-Methylphenol & 4-Methylphenol	**3310**	**2550**	**ug/kg**	**77**	**SW846 8270C**
N-Nitrosodimethylamine	**3310**	**2090**	**ug/kg**	**63**	**SW846 8270C**
1,2-Dichlorobenzene	**3310**	**2510**	**ug/kg**	**76**	**SW846 8270C**
1,4-Dichlorobenzene	**3310**	**2400**	**ug/kg**	**72**	**SW846 8270C**
Aniline	**3310**	**1220**	**ug/kg**	**37**	**SW846 8270C**
1,2-Diphenylhydrazine (as Azobenzene)	**3310**	**2690**	**ug/kg**	**81**	**SW846 8270C**
1-Methylnaphthalene	**3310**	**2570**	**ug/kg**	**78**	**SW846 8270C**
1,4-Dioxane	**3310**	**987**	**ug/kg**	**30**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	74	(53 - 120)
Phenol-d5	76	(52 - 120)
Nitrobenzene-d5	84	(50 - 120)
2-Fluorobiphenyl	78	(50 - 120)
2,4,6-Tribromophenol	92	(51 - 120)
Terphenyl-d14	86	(55 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G250192 **Work Order #...:** J3FXQ1DM-MS **Matrix.....:** SOLID
MS Lot-Sample #: D7G240162-024 J3FXQ1DN-MSD
Date Sampled...: 07/23/07 11:00 **Date Received..:** 07/24/07
Prep Date.....: 07/26/07 **Analysis Date..:** 07/31/07
Prep Batch #...: 7207139 **Analysis Time..:** 14:54
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acenaphthene	64	(52 - 120)			SW846 8270C
	60	(52 - 120)	11	(0-30)	SW846 8270C
1,2,4-Trichloro-benzene	54	(50 - 120)			SW846 8270C
	48 a	(50 - 120)	16	(0-30)	SW846 8270C
Acenaphthylene	65	(53 - 120)			SW846 8270C
	61	(53 - 120)	10	(0-30)	SW846 8270C
1,3-Dichlorobenzene	49	(46 - 120)			SW846 8270C
	40 a	(46 - 120)	23	(0-32)	SW846 8270C
Anthracene	68	(57 - 120)			SW846 8270C
	65	(57 - 120)	7.7	(0-30)	SW846 8270C
Benzo(a)anthracene	67	(55 - 120)			SW846 8270C
	64	(55 - 120)	7.7	(0-30)	SW846 8270C
Benzo(b)fluoranthene	61	(52 - 120)			SW846 8270C
	64	(52 - 120)	1.6	(0-44)	SW846 8270C
Benzo(k)fluoranthene	76	(54 - 120)			SW846 8270C
	65	(54 - 120)	18	(0-30)	SW846 8270C
Benzo(ghi)perylene	64	(50 - 120)			SW846 8270C
	64	(50 - 120)	4.4	(0-31)	SW846 8270C
Benzo(a)pyrene	66	(54 - 120)			SW846 8270C
	64	(54 - 120)	6.8	(0-30)	SW846 8270C
bis(2-Chloroethoxy) methane	58	(49 - 120)			SW846 8270C
	53	(49 - 120)	11	(0-30)	SW846 8270C
bis(2-Chloroethyl)-ether	50	(48 - 120)			SW846 8270C
	42 a	(48 - 120)	20	(0-30)	SW846 8270C
bis(2-Ethylhexyl) phthalate	69	(51 - 120)			SW846 8270C
	66	(51 - 120)	7.6	(0-30)	SW846 8270C
4-Bromophenyl phenyl ether	69	(53 - 120)			SW846 8270C
	67	(53 - 120)	6.9	(0-30)	SW846 8270C
Butyl benzyl phthalate	72	(49 - 120)			SW846 8270C
	70	(49 - 120)	6.0	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G250192 **Work Order #...:** J3FXQ1DM-MS **Matrix.....:** SOLID
MS Lot-Sample #: D7G240162-024 J3FXQ1DN-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
4-Chloroaniline	52	(28 - 120)			SW846 8270C
	48	(28 - 120)	12	(0-30)	SW846 8270C
4-Chloro-3-methylphenol	67	(57 - 120)			SW846 8270C
	64	(57 - 120)	8.0	(0-30)	SW846 8270C
2-Chloronaphthalene	64	(53 - 120)			SW846 8270C
	59	(53 - 120)	12	(0-30)	SW846 8270C
2-Chlorophenol	55	(53 - 120)			SW846 8270C
	47 a	(53 - 120)	19	(0-30)	SW846 8270C
4-Chlorophenyl phenyl ether	68	(55 - 120)			SW846 8270C
	63	(55 - 120)	10	(0-30)	SW846 8270C
Chrysene	66	(55 - 120)			SW846 8270C
	64	(55 - 120)	5.0	(0-35)	SW846 8270C
Dibenz(a,h)anthracene	65	(55 - 120)			SW846 8270C
	64	(55 - 120)	4.2	(0-30)	SW846 8270C
Dibenzofuran	67	(56 - 120)			SW846 8270C
	63	(56 - 120)	9.3	(0-30)	SW846 8270C
Di-n-butyl phthalate	72	(57 - 120)			SW846 8270C
	68	(57 - 120)	8.6	(0-30)	SW846 8270C
3,3'-Dichlorobenzidine	63	(34 - 120)			SW846 8270C
	62	(34 - 120)	4.9	(0-30)	SW846 8270C
2,4-Dichlorophenol	65	(53 - 120)			SW846 8270C
	59	(53 - 120)	12	(0-30)	SW846 8270C
Diethyl phthalate	69	(57 - 120)			SW846 8270C
	65	(57 - 120)	10	(0-30)	SW846 8270C
2,4-Dimethylphenol	57	(53 - 120)			SW846 8270C
	55	(53 - 120)	7.2	(0-30)	SW846 8270C
Dimethyl phthalate	69	(57 - 120)			SW846 8270C
	65	(57 - 120)	9.3	(0-30)	SW846 8270C
4,6-Dinitro-2-methylphenol	63	(30 - 120)			SW846 8270C
	51	(30 - 120)	24	(0-30)	SW846 8270C
2,4-Dinitrophenol	47	(15 - 120)			SW846 8270C
	26 p	(15 - 120)	60	(0-34)	SW846 8270C
2,4-Dinitrotoluene	72	(53 - 120)			SW846 8270C
	68	(53 - 120)	8.8	(0-30)	SW846 8270C
2,6-Dinitrotoluene	65	(53 - 120)			SW846 8270C
	62	(53 - 120)	8.2	(0-30)	SW846 8270C
Di-n-octyl phthalate	70	(54 - 120)			SW846 8270C
	68	(54 - 120)	6.2	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G250192 **Work Order #...:** J3FXQ1DM-MS **Matrix.....:** SOLID
MS Lot-Sample #: D7G240162-024 J3FXQ1DN-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Fluoranthene	72	(55 - 120)			SW846 8270C
	69	(55 - 120)	7.2	(0-30)	SW846 8270C
Fluorene	66	(55 - 120)			SW846 8270C
	62	(55 - 120)	9.8	(0-30)	SW846 8270C
Hexachlorobenzene	70	(51 - 120)			SW846 8270C
	67	(51 - 120)	7.8	(0-30)	SW846 8270C
Hexachlorocyclopentadiene	61	(35 - 120)			SW846 8270C
	52	(35 - 120)	20	(0-30)	SW846 8270C
Hexachloroethane	50	(46 - 120)			SW846 8270C
	40 a	(46 - 120)	25	(0-30)	SW846 8270C
Indeno(1,2,3-cd)pyrene	62	(54 - 120)			SW846 8270C
	62	(54 - 120)	4.7	(0-30)	SW846 8270C
2-Methylnaphthalene	59	(55 - 120)			SW846 8270C
	54 a	(55 - 120)	12	(0-30)	SW846 8270C
2-Methylphenol	60	(51 - 120)			SW846 8270C
	54	(51 - 120)	13	(0-30)	SW846 8270C
Naphthalene	55	(50 - 120)			SW846 8270C
	48 a	(50 - 120)	19	(0-30)	SW846 8270C
2-Nitroaniline	67	(50 - 120)			SW846 8270C
	65	(50 - 120)	6.4	(0-30)	SW846 8270C
Benzyl alcohol	59	(52 - 120)			SW846 8270C
	53	(52 - 120)	13	(0-30)	SW846 8270C
3-Nitroaniline	63	(35 - 120)			SW846 8270C
	62	(35 - 120)	5.2	(0-30)	SW846 8270C
4-Nitroaniline	71	(44 - 120)			SW846 8270C
	67	(44 - 120)	8.9	(0-30)	SW846 8270C
Nitrobenzene	55	(49 - 120)			SW846 8270C
	47 a	(49 - 120)	19	(0-30)	SW846 8270C
2-Nitrophenol	58	(53 - 120)			SW846 8270C
	51 a	(53 - 120)	17	(0-30)	SW846 8270C
4-Nitrophenol	70	(41 - 120)			SW846 8270C
	65	(41 - 120)	10	(0-30)	SW846 8270C
N-Nitrosodiphenylamine	57	(55 - 120)			SW846 8270C
	53 a	(55 - 120)	10	(0-36)	SW846 8270C
N-Nitrosodi-n-propylamine	60	(51 - 120)			SW846 8270C
	54	(51 - 120)	14	(0-30)	SW846 8270C
Pentachlorophenol	65	(30 - 120)			SW846 8270C
	60	(30 - 120)	12	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G250192 **Work Order #...:** J3FXQ1DM-MS **Matrix.....:** SOLID
MS Lot-Sample #: D7G240162-024 J3FXQ1DN-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Phenanthrene	67	(58 - 120)			SW846 8270C
	64	(58 - 120)	8.0	(0-30)	SW846 8270C
Benzoic acid	62	(10 - 120)			SW846 8270C
	47	(10 - 120)	30	(0-32)	SW846 8270C
Phenol	58	(54 - 120)			SW846 8270C
	52 a	(54 - 120)	14	(0-30)	SW846 8270C
Pyrene	67	(50 - 120)			SW846 8270C
	65	(50 - 120)	6.3	(0-38)	SW846 8270C
2,4,5-Trichloro-phenol	67	(56 - 120)			SW846 8270C
	63	(56 - 120)	9.0	(0-30)	SW846 8270C
2,4,6-Trichloro-phenol	66	(50 - 120)			SW846 8270C
	62	(50 - 120)	10	(0-30)	SW846 8270C
bis(2-Chloroisopropyl) ether	47	(47 - 120)			SW846 8270C
	40 a	(47 - 120)	21	(0-30)	SW846 8270C
4-Methylphenol	60	(53 - 120)			SW846 8270C
	57	(53 - 120)	9.0	(0-30)	SW846 8270C
Hexachlorobutadiene	55	(48 - 120)			SW846 8270C
	46 a	(48 - 120)	21	(0-30)	SW846 8270C
Carbazole	68	(54 - 120)			SW846 8270C
	66	(54 - 120)	6.5	(0-30)	SW846 8270C
Isophorone	62	(46 - 120)			SW846 8270C
	57	(46 - 120)	12	(0-30)	SW846 8270C
Pyridine	41	(23 - 120)			SW846 8270C
	33	(23 - 120)	25	(0-30)	SW846 8270C
3-Methylphenol & 4-Methylphenol	60	(53 - 120)			SW846 8270C
	57	(53 - 120)	9.0	(0-30)	SW846 8270C
N-Nitrosodimethylamine	49	(41 - 120)			SW846 8270C
	39 a	(41 - 120)	26	(0-30)	SW846 8270C
1,2-Dichlorobenzene	52	(48 - 120)			SW846 8270C
	42 a	(48 - 120)	24	(0-30)	SW846 8270C
1,4-Dichlorobenzene	49	(46 - 120)			SW846 8270C
	40 a	(46 - 120)	23	(0-30)	SW846 8270C
Aniline	29	(17 - 120)			SW846 8270C
	24	(17 - 120)	20	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G250192 **Work Order #...:** J3FXQ1DM-MS **Matrix.....:** SOLID
MS Lot-Sample #: D7G240162-024 J3FXQ1DN-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2-Diphenylhydrazine (as Azobenzene)	**68**	**(54 - 120)**			**SW846 8270C**
	63	**(54 - 120)**	**9.9**	**(0-30)**	**SW846 8270C**
1-Methylnaphthalene	**59**	**(52 - 120)**			**SW846 8270C**
	54	**(52 - 120)**	**11**	**(0-30)**	**SW846 8270C**
1,4-Dioxane	**30**	**(21 - 120)**			**SW846 8270C**
	24	**(21 - 120)**	**23**	**(0-30)**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	57	(53 - 120)
	48 *	(53 - 120)
Phenol-d5	59	(52 - 120)
	52	(52 - 120)
Nitrobenzene-d5	55	(50 - 120)
	47 *	(50 - 120)
2-Fluorobiphenyl	63	(50 - 120)
	58	(50 - 120)
2,4,6-Tribromophenol	68	(51 - 120)
	65	(51 - 120)
Terphenyl-d14	70	(55 - 120)
	67	(55 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

a Spiked analyte recovery is outside stated control limits.

* Surrogate recovery is outside stated control limits.

p Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G250192 **Work Order #...:** J3FXQ1DM-MS **Matrix.....:** SOLID
MS Lot-Sample #: D7G240162-024 J3FXQ1DN-MSD
Date Sampled...: 07/23/07 11:00 **Date Received..:** 07/24/07
Prep Date.....: 07/26/07 **Analysis Date..:** 07/31/07
Prep Batch #...: 7207139 **Analysis Time..:** 14:54
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Acenaphthene	ND	4260	2750	ug/kg	64		SW846 8270C
	ND	4120	2470	ug/kg	60	11	SW846 8270C
1,2,4-Trichloro-benzene	ND	4260	2300	ug/kg	54		SW846 8270C
	ND	4120	1970	ug/kg	48 a	16	SW846 8270C
Acenaphthylene	ND	4260	2780	ug/kg	65		SW846 8270C
	ND	4120	2510	ug/kg	61	10	SW846 8270C
1,3-Dichlorobenzene	ND	4260	2080	ug/kg	49		SW846 8270C
	ND	4120	1650	ug/kg	40 a	23	SW846 8270C
Anthracene	ND	4260	2910	ug/kg	68		SW846 8270C
	ND	4120	2690	ug/kg	65	7.7	SW846 8270C
Benzo(a)anthracene	ND	4260	2840	ug/kg	67		SW846 8270C
	ND	4120	2630	ug/kg	64	7.7	SW846 8270C
Benzo(b)fluoranthene	ND	4260	2600	ug/kg	61		SW846 8270C
	ND	4120	2650	ug/kg	64	1.6	SW846 8270C
Benzo(k)fluoranthene	ND	4260	3240	ug/kg	76		SW846 8270C
	ND	4120	2700	ug/kg	65	18	SW846 8270C
Benzo(ghi)perylene	ND	4260	2740	ug/kg	64		SW846 8270C
	ND	4120	2620	ug/kg	64	4.4	SW846 8270C
Benzo(a)pyrene	ND	4260	2810	ug/kg	66		SW846 8270C
	ND	4120	2630	ug/kg	64	6.8	SW846 8270C
bis(2-Chloroethoxy) methane	ND	4260	2460	ug/kg	58		SW846 8270C
	ND	4120	2200	ug/kg	53	11	SW846 8270C
bis(2-Chloroethyl)-ether	ND	4260	2150	ug/kg	50		SW846 8270C
	ND	4120	1750	ug/kg	42 a	20	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	4260	2960	ug/kg	69		SW846 8270C
	ND	4120	2740	ug/kg	66	7.6	SW846 8270C
4-Bromophenyl phenyl ether	ND	4260	2940	ug/kg	69		SW846 8270C
	ND	4120	2740	ug/kg	67	6.9	SW846 8270C
Butyl benzyl phthalate	ND	4260	3050	ug/kg	72		SW846 8270C
	ND	4120	2870	ug/kg	70	6.0	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G250192 **Work Order #...:** J3FXQ1DM-MS **Matrix.....:** SOLID
MS Lot-Sample #: D7G240162-024 J3FXQ1DN-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
4-Chloroaniline	ND	4260	2230	ug/kg	52		SW846 8270C
	ND	4120	1980	ug/kg	48	12	SW846 8270C
4-Chloro-3-methylphenol	ND	4260	2840	ug/kg	67		SW846 8270C
	ND	4120	2620	ug/kg	64	8.0	SW846 8270C
2-Chloronaphthalene	ND	4260	2720	ug/kg	64		SW846 8270C
	ND	4120	2430	ug/kg	59	12	SW846 8270C
2-Chlorophenol	ND	4260	2350	ug/kg	55		SW846 8270C
	ND	4120	1930	ug/kg	47 a	19	SW846 8270C
4-Chlorophenyl phenyl ether	ND	4260	2900	ug/kg	68		SW846 8270C
	ND	4120	2610	ug/kg	63	10	SW846 8270C
Chrysene	ND	4260	2790	ug/kg	66		SW846 8270C
	ND	4120	2660	ug/kg	64	5.0	SW846 8270C
Dibenz(a,h)anthracene	ND	4260	2750	ug/kg	65		SW846 8270C
	ND	4120	2640	ug/kg	64	4.2	SW846 8270C
Dibenzofuran	ND	4260	2860	ug/kg	67		SW846 8270C
	ND	4120	2610	ug/kg	63	9.3	SW846 8270C
Di-n-butyl phthalate	ND	4260	3050	ug/kg	72		SW846 8270C
	ND	4120	2800	ug/kg	68	8.6	SW846 8270C
3,3'-Dichlorobenzidine	ND	4260	2700	ug/kg	63		SW846 8270C
	ND	4120	2570	ug/kg	62	4.9	SW846 8270C
2,4-Dichlorophenol	ND	4260	2750	ug/kg	65		SW846 8270C
	ND	4120	2440	ug/kg	59	12	SW846 8270C
Diethyl phthalate	ND	4260	2940	ug/kg	69		SW846 8270C
	ND	4120	2660	ug/kg	65	10	SW846 8270C
2,4-Dimethylphenol	ND	4260	2420	ug/kg	57		SW846 8270C
	ND	4120	2250	ug/kg	55	7.2	SW846 8270C
Dimethyl phthalate	ND	4260	2920	ug/kg	69		SW846 8270C
	ND	4120	2660	ug/kg	65	9.3	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	4260	2680	ug/kg	63		SW846 8270C
	ND	4120	2110	ug/kg	51	24	SW846 8270C
2,4-Dinitrophenol	ND	4260	2010	ug/kg	47		SW846 8270C
	ND	4120	1080	ug/kg	26 p	60	SW846 8270C
2,4-Dinitrotoluene	ND	4260	3070	ug/kg	72		SW846 8270C
	ND	4120	2810	ug/kg	68	8.8	SW846 8270C
2,6-Dinitrotoluene	ND	4260	2760	ug/kg	65		SW846 8270C
	ND	4120	2540	ug/kg	62	8.2	SW846 8270C
Di-n-octyl phthalate	ND	4260	3000	ug/kg	70		SW846 8270C
	ND	4120	2820	ug/kg	68	6.2	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G250192 Work Order #...: J3FXQ1DM-MS Matrix.....: SOLID
MS Lot-Sample #: D7G240162-024 J3FXQ1DN-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Fluoranthene	ND	4260	3050	ug/kg	72		SW846 8270C
	ND	4120	2840	ug/kg	69	7.2	SW846 8270C
Fluorene	ND	4260	2830	ug/kg	66		SW846 8270C
	ND	4120	2560	ug/kg	62	9.8	SW846 8270C
Hexachlorobenzene	ND	4260	2970	ug/kg	70		SW846 8270C
	ND	4120	2740	ug/kg	67	7.8	SW846 8270C
Hexachlorocyclopenta-diene	ND	4260	2600	ug/kg	61		SW846 8270C
	ND	4120	2120	ug/kg	52	20	SW846 8270C
Hexachloroethane	ND	4260	2110	ug/kg	50		SW846 8270C
	ND	4120	1640	ug/kg	40 a	25	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	4260	2660	ug/kg	62		SW846 8270C
	ND	4120	2540	ug/kg	62	4.7	SW846 8270C
2-Methylnaphthalene	ND	4260	2530	ug/kg	59		SW846 8270C
	ND	4120	2240	ug/kg	54 a	12	SW846 8270C
2-Methylphenol	ND	4260	2550	ug/kg	60		SW846 8270C
	ND	4120	2230	ug/kg	54	13	SW846 8270C
Naphthalene	ND	4260	2360	ug/kg	55		SW846 8270C
	ND	4120	1960	ug/kg	48 a	19	SW846 8270C
2-Nitroaniline	ND	4260	2860	ug/kg	67		SW846 8270C
	ND	4120	2680	ug/kg	65	6.4	SW846 8270C
Benzyl alcohol	ND	4260	2510	ug/kg	59		SW846 8270C
	ND	4120	2190	ug/kg	53	13	SW846 8270C
3-Nitroaniline	ND	4260	2670	ug/kg	63		SW846 8270C
	ND	4120	2540	ug/kg	62	5.2	SW846 8270C
4-Nitroaniline	ND	4260	3040	ug/kg	71		SW846 8270C
	ND	4120	2780	ug/kg	67	8.9	SW846 8270C
Nitrobenzene	ND	4260	2350	ug/kg	55		SW846 8270C
	ND	4120	1930	ug/kg	47 a	19	SW846 8270C
2-Nitrophenol	ND	4260	2480	ug/kg	58		SW846 8270C
	ND	4120	2090	ug/kg	51 a	17	SW846 8270C
4-Nitrophenol	ND	4260	2970	ug/kg	70		SW846 8270C
	ND	4120	2680	ug/kg	65	10	SW846 8270C
N-Nitrosodiphenylamine	ND	4260	2420	ug/kg	57		SW846 8270C
	ND	4120	2190	ug/kg	53 a	10	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	4260	2550	ug/kg	60		SW846 8270C
	ND	4120	2220	ug/kg	54	14	SW846 8270C
Pentachlorophenol	ND	4260	2780	ug/kg	65		SW846 8270C
	ND	4120	2470	ug/kg	60	12	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G250192 **Work Order #...:** J3FXQ1DM-MS **Matrix.....:** SOLID
MS Lot-Sample #: D7G240162-024 J3FXQ1DN-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Phenanthrene	ND	4260	2860	ug/kg	67		SW846 8270C
	ND	4120	2640	ug/kg	64	8.0	SW846 8270C
Benzoic acid	ND	4260	2630	ug/kg	62		SW846 8270C
	ND	4120	1940	ug/kg	47	30	SW846 8270C
Phenol	ND	4260	2460	ug/kg	58		SW846 8270C
	ND	4120	2130	ug/kg	52 a	14	SW846 8270C
Pyrene	ND	4260	2870	ug/kg	67		SW846 8270C
	ND	4120	2690	ug/kg	65	6.3	SW846 8270C
2,4,5-Trichloro-phenol	ND	4260	2860	ug/kg	67		SW846 8270C
	ND	4120	2610	ug/kg	63	9.0	SW846 8270C
2,4,6-Trichloro-phenol	ND	4260	2830	ug/kg	66		SW846 8270C
	ND	4120	2550	ug/kg	62	10	SW846 8270C
bis(2-Chloroisopropyl) ether	ND	4260	2020	ug/kg	47		SW846 8270C
	ND	4120	1630	ug/kg	40 a	21	SW846 8270C
4-Methylphenol	ND	4260	2560	ug/kg	60		SW846 8270C
	ND	4120	2340	ug/kg	57	9.0	SW846 8270C
Hexachlorobutadiene	ND	4260	2350	ug/kg	55		SW846 8270C
	ND	4120	1910	ug/kg	46 a	21	SW846 8270C
Carbazole	ND	4260	2910	ug/kg	68		SW846 8270C
	ND	4120	2720	ug/kg	66	6.5	SW846 8270C
Isophorone	ND	4260	2640	ug/kg	62		SW846 8270C
	ND	4120	2350	ug/kg	57	12	SW846 8270C
Pyridine	ND	4260	1740	ug/kg	41		SW846 8270C
	ND	4120	1350	ug/kg	33	25	SW846 8270C
3-Methylphenol & 4-Methylphenol	ND	4260	2560	ug/kg	60		SW846 8270C
	ND	4120	2340	ug/kg	57	9.0	SW846 8270C
N-Nitrosodimethylamine	ND	4260	2080	ug/kg	49		SW846 8270C
	ND	4120	1600	ug/kg	39 a	26	SW846 8270C
1,2-Dichlorobenzene	ND	4260	2210	ug/kg	52		SW846 8270C
	ND	4120	1730	ug/kg	42 a	24	SW846 8270C
1,4-Dichlorobenzene	ND	4260	2100	ug/kg	49		SW846 8270C
	ND	4120	1670	ug/kg	40 a	23	SW846 8270C
Aniline	ND	4260	1240	ug/kg	29		SW846 8270C
	ND	4120	1010	ug/kg	24	20	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G250192 **Work Order #...:** J3FXQ1DM-MS **Matrix.....:** SOLID
MS Lot-Sample #: D7G240162-024 J3FXQ1DN-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,2-Diphenylhydrazine (as Azobenzene)	**ND**	**4260**	**2880**	**ug/kg**	**68**		**SW846 8270C**
	ND	**4120**	**2610**	**ug/kg**	**63**	**9.9**	**SW846 8270C**
1-Methylnaphthalene	**ND**	**4260**	**2510**	**ug/kg**	**59**		**SW846 8270C**
	ND	**4120**	**2250**	**ug/kg**	**54**	**11**	**SW846 8270C**
1,4-Dioxane	**ND**	**4260**	**1270**	**ug/kg**	**30**		**SW846 8270C**
	ND	**4120**	**1010**	**ug/kg**	**24**	**23**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	57	(53 - 120)
	48 *	(53 - 120)
Phenol-d5	59	(52 - 120)
	52	(52 - 120)
Nitrobenzene-d5	55	(50 - 120)
	47 *	(50 - 120)
2-Fluorobiphenyl	63	(50 - 120)
	58	(50 - 120)
2,4,6-Tribromophenol	68	(51 - 120)
	65	(51 - 120)
Terphenyl-d14	70	(55 - 120)
	67	(55 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

a Spiked analyte recovery is outside stated control limits.

* Surrogate recovery is outside stated control limits.

p Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G250192 **Work Order #...:** J3H8X1AU-MS **Matrix.....:** SO
MS Lot-Sample #: D7G250192-007 J3H8X1AV-MSD
Date Sampled...: 07/24/07 10:45 **Date Received..:** 07/25/07
Prep Date.....: 08/01/07 **Analysis Date..:** 08/02/07
Prep Batch #...: 7213165 **Analysis Time..:** 20:17
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acenaphthene	76	(52 - 120)			SW846 8270C
	74	(52 - 120)	1.8	(0-30)	SW846 8270C
1,2,4-Trichloro-benzene	66	(50 - 120)			SW846 8270C
	68	(50 - 120)	3.2	(0-30)	SW846 8270C
Acenaphthylene	77	(53 - 120)			SW846 8270C
	75	(53 - 120)	1.8	(0-30)	SW846 8270C
1,3-Dichlorobenzene	60	(46 - 120)			SW846 8270C
	62	(46 - 120)	4.3	(0-32)	SW846 8270C
Anthracene	85	(57 - 120)			SW846 8270C
	84	(57 - 120)	0.51	(0-30)	SW846 8270C
Benzo(a)anthracene	82	(55 - 120)			SW846 8270C
	83	(55 - 120)	2.1	(0-30)	SW846 8270C
Benzo(b)fluoranthene	88	(52 - 120)			SW846 8270C
	94	(52 - 120)	7.5	(0-44)	SW846 8270C
Benzo(k)fluoranthene	77	(54 - 120)			SW846 8270C
	77	(54 - 120)	0.56	(0-30)	SW846 8270C
Benzo(ghi)perylene	83	(50 - 120)			SW846 8270C
	84	(50 - 120)	2.8	(0-31)	SW846 8270C
Benzo(a)pyrene	81	(54 - 120)			SW846 8270C
	83	(54 - 120)	3.8	(0-30)	SW846 8270C
bis(2-Chloroethoxy) methane	69	(49 - 120)			SW846 8270C
	68	(49 - 120)	1.4	(0-30)	SW846 8270C
bis(2-Chloroethyl)-ether	61	(48 - 120)			SW846 8270C
	63	(48 - 120)	4.8	(0-30)	SW846 8270C
bis(2-Ethylhexyl) phthalate	98	(51 - 120)			SW846 8270C
	96	(51 - 120)	1.2	(0-30)	SW846 8270C
4-Bromophenyl phenyl ether	87	(53 - 120)			SW846 8270C
	85	(53 - 120)	1.5	(0-30)	SW846 8270C
Butyl benzyl phthalate	92	(49 - 120)			SW846 8270C
	92	(49 - 120)	0.97	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G250192 **Work Order #...:** J3H8X1AU-MS **Matrix.....:** SO
MS Lot-Sample #: D7G250192-007 J3H8X1AV-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
4-Chloroaniline	58	(28 - 120)			SW846 8270C
	59	(28 - 120)	3.6	(0-30)	SW846 8270C
4-Chloro-3-methylphenol	84	(57 - 120)			SW846 8270C
	82	(57 - 120)	1.1	(0-30)	SW846 8270C
2-Chloronaphthalene	75	(53 - 120)			SW846 8270C
	73	(53 - 120)	1.9	(0-30)	SW846 8270C
2-Chlorophenol	64	(53 - 120)			SW846 8270C
	67	(53 - 120)	4.3	(0-30)	SW846 8270C
4-Chlorophenyl phenyl ether	84	(55 - 120)			SW846 8270C
	83	(55 - 120)	0.57	(0-30)	SW846 8270C
Chrysene	79	(55 - 120)			SW846 8270C
	81	(55 - 120)	3.6	(0-35)	SW846 8270C
Dibenz(a,h)anthracene	81	(55 - 120)			SW846 8270C
	82	(55 - 120)	2.5	(0-30)	SW846 8270C
Dibenzofuran	80	(56 - 120)			SW846 8270C
	78	(56 - 120)	2.4	(0-30)	SW846 8270C
Di-n-butyl phthalate	88	(57 - 120)			SW846 8270C
	89	(57 - 120)	1.8	(0-30)	SW846 8270C
3,3'-Dichlorobenzidine	71	(34 - 120)			SW846 8270C
	77	(34 - 120)	8.9	(0-30)	SW846 8270C
2,4-Dichlorophenol	81	(53 - 120)			SW846 8270C
	76	(53 - 120)	5.5	(0-30)	SW846 8270C
Diethyl phthalate	84	(57 - 120)			SW846 8270C
	85	(57 - 120)	1.4	(0-30)	SW846 8270C
2,4-Dimethylphenol	71	(53 - 120)			SW846 8270C
	66	(53 - 120)	6.2	(0-30)	SW846 8270C
Dimethyl phthalate	84	(57 - 120)			SW846 8270C
	84	(57 - 120)	0.82	(0-30)	SW846 8270C
4,6-Dinitro-2-methylphenol	88	(30 - 120)			SW846 8270C
	89	(30 - 120)	1.0	(0-30)	SW846 8270C
2,4-Dinitrophenol	88	(15 - 120)			SW846 8270C
	92	(15 - 120)	4.0	(0-34)	SW846 8270C
2,4-Dinitrotoluene	96	(53 - 120)			SW846 8270C
	95	(53 - 120)	0.05	(0-30)	SW846 8270C
2,6-Dinitrotoluene	92	(53 - 120)			SW846 8270C
	92	(53 - 120)	1.1	(0-30)	SW846 8270C
Di-n-octyl phthalate	101	(54 - 120)			SW846 8270C
	100	(54 - 120)	0.42	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G250192 **Work Order #...:** J3H8X1AU-MS **Matrix.....:** SO
MS Lot-Sample #: D7G250192-007 J3H8X1AV-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Fluoranthene	92	(55 - 120)			SW846 8270C
	89	(55 - 120)	3.4	(0-30)	SW846 8270C
Fluorene	81	(55 - 120)			SW846 8270C
	80	(55 - 120)	0.76	(0-30)	SW846 8270C
Hexachlorobenzene	87	(51 - 120)			SW846 8270C
	85	(51 - 120)	1.1	(0-30)	SW846 8270C
Hexachlorocyclopenta-diene	71	(35 - 120)			SW846 8270C
	71	(35 - 120)	0.96	(0-30)	SW846 8270C
Hexachloroethane	59	(46 - 120)			SW846 8270C
	61	(46 - 120)	3.2	(0-30)	SW846 8270C
Indeno(1,2,3-cd)pyrene	79	(54 - 120)			SW846 8270C
	80	(54 - 120)	2.1	(0-30)	SW846 8270C
2-Methylnaphthalene	72	(55 - 120)			SW846 8270C
	71	(55 - 120)	0.26	(0-30)	SW846 8270C
2-Methylphenol	69	(51 - 120)			SW846 8270C
	66	(51 - 120)	2.8	(0-30)	SW846 8270C
Naphthalene	64	(50 - 120)			SW846 8270C
	65	(50 - 120)	1.6	(0-30)	SW846 8270C
2-Nitroaniline	95	(50 - 120)			SW846 8270C
	94	(50 - 120)	0.73	(0-30)	SW846 8270C
Benzyl alcohol	71	(52 - 120)			SW846 8270C
	70	(52 - 120)	0.27	(0-30)	SW846 8270C
3-Nitroaniline	82	(35 - 120)			SW846 8270C
	87	(35 - 120)	6.7	(0-30)	SW846 8270C
4-Nitroaniline	91	(44 - 120)			SW846 8270C
	100	(44 - 120)	9.8	(0-30)	SW846 8270C
Nitrobenzene	69	(49 - 120)			SW846 8270C
	71	(49 - 120)	2.3	(0-30)	SW846 8270C
2-Nitrophenol	79	(53 - 120)			SW846 8270C
	81	(53 - 120)	2.2	(0-30)	SW846 8270C
4-Nitrophenol	96	(41 - 120)			SW846 8270C
	100	(41 - 120)	4.4	(0-30)	SW846 8270C
N-Nitrosodiphenylamine	70	(55 - 120)			SW846 8270C
	69	(55 - 120)	0.29	(0-36)	SW846 8270C
N-Nitrosodi-n-propyl-amine	68	(51 - 120)			SW846 8270C
	68	(51 - 120)	1.6	(0-30)	SW846 8270C
Pentachlorophenol	88	(30 - 120)			SW846 8270C
	84	(30 - 120)	4.1	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G250192 **Work Order #...:** J3H8X1AU-MS **Matrix.....:** SO
MS Lot-Sample #: D7G250192-007 J3H8X1AV-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Phenanthrene	83	(58 - 120)			SW846 8270C
	81	(58 - 120)	0.78	(0-30)	SW846 8270C
Benzoic acid	80	(10 - 120)			SW846 8270C
	78	(10 - 120)	1.4	(0-32)	SW846 8270C
Phenol	67	(54 - 120)			SW846 8270C
	66	(54 - 120)	0.75	(0-30)	SW846 8270C
Pyrene	83	(50 - 120)			SW846 8270C
	84	(50 - 120)	1.7	(0-38)	SW846 8270C
2,4,5-Trichloro-phenol	88	(56 - 120)			SW846 8270C
	87	(56 - 120)	0.69	(0-30)	SW846 8270C
2,4,6-Trichloro-phenol	84	(50 - 120)			SW846 8270C
	82	(50 - 120)	1.8	(0-30)	SW846 8270C
bis(2-Chloroisopropyl) ether	59	(47 - 120)			SW846 8270C
	62	(47 - 120)	4.3	(0-30)	SW846 8270C
4-Methylphenol	73	(53 - 120)			SW846 8270C
	70	(53 - 120)	3.2	(0-30)	SW846 8270C
Hexachlorobutadiene	66	(48 - 120)			SW846 8270C
	69	(48 - 120)	4.6	(0-30)	SW846 8270C
Carbazole	87	(54 - 120)			SW846 8270C
	86	(54 - 120)	0.17	(0-30)	SW846 8270C
Isophorone	73	(46 - 120)			SW846 8270C
	72	(46 - 120)	0.64	(0-30)	SW846 8270C
Pyridine	43	(23 - 120)			SW846 8270C
	44	(23 - 120)	3.2	(0-30)	SW846 8270C
3-Methylphenol & 4-Methylphenol	73	(53 - 120)			SW846 8270C
	70	(53 - 120)	3.2	(0-30)	SW846 8270C
N-Nitrosodimethylamine	52	(41 - 120)			SW846 8270C
	53	(41 - 120)	3.4	(0-30)	SW846 8270C
1,2-Dichlorobenzene	63	(48 - 120)			SW846 8270C
	65	(48 - 120)	3.8	(0-30)	SW846 8270C
1,4-Dichlorobenzene	60	(46 - 120)			SW846 8270C
	61	(46 - 120)	3.2	(0-30)	SW846 8270C
Aniline	30	(17 - 120)			SW846 8270C
	32	(17 - 120)	7.6	(0-30)	SW846 8270C

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G250192 **Work Order #...:** J3H8X1AU-MS **Matrix.....:** SO
MS Lot-Sample #: D7G250192-007 J3H8X1AV-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2-Diphenylhydrazine (as Azobenzene)	**80**	**(54 - 120)**			**SW846 8270C**
	80	**(54 - 120)**	**0.27**	**(0-30)**	**SW846 8270C**
1-Methylnaphthalene	**71**	**(52 - 120)**			**SW846 8270C**
	70	**(52 - 120)**	**1.2**	**(0-30)**	**SW846 8270C**
1,4-Dioxane	**29**	**(21 - 120)**			**SW846 8270C**
	30	**(21 - 120)**	**1.5**	**(0-30)**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	62	(53 - 120)
	64	(53 - 120)
Phenol-d5	67	(52 - 120)
	67	(52 - 120)
Nitrobenzene-d5	71	(50 - 120)
	74	(50 - 120)
2-Fluorobiphenyl	75	(50 - 120)
	72	(50 - 120)
2,4,6-Tribromophenol	90	(51 - 120)
	88	(51 - 120)
Terphenyl-d14	86	(55 - 120)
	86	(55 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G250192 **Work Order #...:** J3H8X1AU-MS **Matrix.....:** SO
MS Lot-Sample #: D7G250192-007 J3H8X1AV-MSD
Date Sampled...: 07/24/07 10:45 **Date Received..:** 07/25/07
Prep Date.....: 08/01/07 **Analysis Date..:** 08/02/07
Prep Batch #...: 7213165 **Analysis Time..:** 20:17
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Acenaphthene	ND	4470	3400	ug/kg	76		SW846 8270C
	ND	4500	3340	ug/kg	74	1.8	SW846 8270C
1,2,4-Trichloro-benzene	ND	4470	2970	ug/kg	66		SW846 8270C
	ND	4500	3060	ug/kg	68	3.2	SW846 8270C
Acenaphthylene	ND	4470	3450	ug/kg	77		SW846 8270C
	ND	4500	3390	ug/kg	75	1.8	SW846 8270C
1,3-Dichlorobenzene	ND	4470	2680	ug/kg	60		SW846 8270C
	ND	4500	2800	ug/kg	62	4.3	SW846 8270C
Anthracene	ND	4470	3780	ug/kg	85		SW846 8270C
	ND	4500	3760	ug/kg	84	0.51	SW846 8270C
Benzo(a)anthracene	48	4470	3690	ug/kg	82		SW846 8270C
	48	4500	3770	ug/kg	83	2.1	SW846 8270C
Benzo(b)fluoranthene	ND	4470	3930	ug/kg	88		SW846 8270C
	ND	4500	4240	ug/kg	94	7.5	SW846 8270C
Benzo(k)fluoranthene	ND	4470	3420	ug/kg	77		SW846 8270C
	ND	4500	3440	ug/kg	77	0.56	SW846 8270C
Benzo(ghi)perylene	ND	4470	3690	ug/kg	83		SW846 8270C
	ND	4500	3790	ug/kg	84	2.8	SW846 8270C
Benzo(a)pyrene	ND	4470	3600	ug/kg	81		SW846 8270C
	ND	4500	3740	ug/kg	83	3.8	SW846 8270C
bis(2-Chloroethoxy) methane	ND	4470	3090	ug/kg	69		SW846 8270C
	ND	4500	3050	ug/kg	68	1.4	SW846 8270C
bis(2-Chloroethyl)-ether	ND	4470	2700	ug/kg	61		SW846 8270C
	ND	4500	2830	ug/kg	63	4.8	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	4470	4390	ug/kg	98		SW846 8270C
	ND	4500	4340	ug/kg	96	1.2	SW846 8270C
4-Bromophenyl phenyl ether	ND	4470	3880	ug/kg	87		SW846 8270C
	ND	4500	3820	ug/kg	85	1.5	SW846 8270C
Butyl benzyl phthalate	ND	4470	4100	ug/kg	92		SW846 8270C
	ND	4500	4140	ug/kg	92	0.97	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G250192 **Work Order #...:** J3H8X1AU-MS **Matrix.....:** SO
MS Lot-Sample #: D7G250192-007 J3H8X1AV-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
4-Chloroaniline	ND	4470	2570	ug/kg	58		SW846 8270C
	ND	4500	2660	ug/kg	59	3.6	SW846 8270C
4-Chloro-3-methylphenol	ND	4470	3740	ug/kg	84		SW846 8270C
	ND	4500	3690	ug/kg	82	1.1	SW846 8270C
2-Chloronaphthalene	ND	4470	3360	ug/kg	75		SW846 8270C
	ND	4500	3300	ug/kg	73	1.9	SW846 8270C
2-Chlorophenol	ND	4470	2870	ug/kg	64		SW846 8270C
	ND	4500	2990	ug/kg	67	4.3	SW846 8270C
4-Chlorophenyl phenyl ether	ND	4470	3730	ug/kg	84		SW846 8270C
	ND	4500	3710	ug/kg	83	0.57	SW846 8270C
Chrysene	47	4470	3580	ug/kg	79		SW846 8270C
	47	4500	3710	ug/kg	81	3.6	SW846 8270C
Dibenz(a,h)anthracene	ND	4470	3610	ug/kg	81		SW846 8270C
	ND	4500	3710	ug/kg	82	2.5	SW846 8270C
Dibenzofuran	ND	4470	3570	ug/kg	80		SW846 8270C
	ND	4500	3490	ug/kg	78	2.4	SW846 8270C
Di-n-butyl phthalate	ND	4470	3920	ug/kg	88		SW846 8270C
	ND	4500	3990	ug/kg	89	1.8	SW846 8270C
3,3'-Dichlorobenzidine	ND	4470	3180	ug/kg	71		SW846 8270C
	ND	4500	3480	ug/kg	77	8.9	SW846 8270C
2,4-Dichlorophenol	ND	4470	3620	ug/kg	81		SW846 8270C
	ND	4500	3420	ug/kg	76	5.5	SW846 8270C
Diethyl phthalate	ND	4470	3750	ug/kg	84		SW846 8270C
	ND	4500	3800	ug/kg	85	1.4	SW846 8270C
2,4-Dimethylphenol	ND	4470	3150	ug/kg	71		SW846 8270C
	ND	4500	2960	ug/kg	66	6.2	SW846 8270C
Dimethyl phthalate	ND	4470	3760	ug/kg	84		SW846 8270C
	ND	4500	3790	ug/kg	84	0.82	SW846 8270C
4,6-Dinitro-2-methylphenol	430	4470	4380	ug/kg	88		SW846 8270C
	430	4500	4420	ug/kg	89	1.0	SW846 8270C
2,4-Dinitrophenol	620	4470	4560	ug/kg	88		SW846 8270C
	620	4500	4740	ug/kg	92	4.0	SW846 8270C
2,4-Dinitrotoluene	210	4470	4480	ug/kg	96		SW846 8270C
	210	4500	4480	ug/kg	95	0.05	SW846 8270C
2,6-Dinitrotoluene	ND	4470	4110	ug/kg	92		SW846 8270C
	ND	4500	4150	ug/kg	92	1.1	SW846 8270C
Di-n-octyl phthalate	ND	4470	4510	ug/kg	101		SW846 8270C
	ND	4500	4490	ug/kg	100	0.42	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G250192 **Work Order #...:** J3H8X1AU-MS **Matrix.....:** SO
MS Lot-Sample #: D7G250192-007 J3H8X1AV-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Fluoranthene	ND	4470	4130	ug/kg	92		SW846 8270C
	ND	4500	3990	ug/kg	89	3.4	SW846 8270C
Fluorene	ND	4470	3620	ug/kg	81		SW846 8270C
	ND	4500	3600	ug/kg	80	0.76	SW846 8270C
Hexachlorobenzene	ND	4470	3870	ug/kg	87		SW846 8270C
	ND	4500	3820	ug/kg	85	1.1	SW846 8270C
Hexachlorocyclopenta-diene	ND	4470	3180	ug/kg	71		SW846 8270C
	ND	4500	3210	ug/kg	71	0.96	SW846 8270C
Hexachloroethane	ND	4470	2640	ug/kg	59		SW846 8270C
	ND	4500	2730	ug/kg	61	3.2	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	4470	3540	ug/kg	79		SW846 8270C
	ND	4500	3620	ug/kg	80	2.1	SW846 8270C
2-Methylnaphthalene	ND	4470	3200	ug/kg	72		SW846 8270C
	ND	4500	3190	ug/kg	71	0.26	SW846 8270C
2-Methylphenol	ND	4470	3070	ug/kg	69		SW846 8270C
	ND	4500	2990	ug/kg	66	2.8	SW846 8270C
Naphthalene	ND	4470	2870	ug/kg	64		SW846 8270C
	ND	4500	2920	ug/kg	65	1.6	SW846 8270C
2-Nitroaniline	ND	4470	4250	ug/kg	95		SW846 8270C
	ND	4500	4220	ug/kg	94	0.73	SW846 8270C
Benzyl alcohol	ND	4470	3170	ug/kg	71		SW846 8270C
	ND	4500	3160	ug/kg	70	0.27	SW846 8270C
3-Nitroaniline	ND	4470	3650	ug/kg	82		SW846 8270C
	ND	4500	3910	ug/kg	87	6.7	SW846 8270C
4-Nitroaniline	ND	4470	4080	ug/kg	91		SW846 8270C
	ND	4500	4500	ug/kg	100	9.8	SW846 8270C
Nitrobenzene	ND	4470	3100	ug/kg	69		SW846 8270C
	ND	4500	3170	ug/kg	71	2.3	SW846 8270C
2-Nitrophenol	ND	4470	3540	ug/kg	79		SW846 8270C
	ND	4500	3630	ug/kg	81	2.2	SW846 8270C
4-Nitrophenol	72	4470	4350	ug/kg	96		SW846 8270C
	72	4500	4550	ug/kg	100	4.4	SW846 8270C
N-Nitrosodiphenylamine	ND	4470	3110	ug/kg	70		SW846 8270C
	ND	4500	3120	ug/kg	69	0.29	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	4470	3020	ug/kg	68		SW846 8270C
	ND	4500	3070	ug/kg	68	1.6	SW846 8270C
Pentachlorophenol	ND	4470	3920	ug/kg	88		SW846 8270C
	ND	4500	3760	ug/kg	84	4.1	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G250192 **Work Order #...:** J3H8X1AU-MS **Matrix.....:** SO
MS Lot-Sample #: D7G250192-007 J3H8X1AV-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Phenanthrene	ND	4470	3680	ug/kg	83		SW846 8270C
	ND	4500	3660	ug/kg	81	0.78	SW846 8270C
Benzoic acid	310	4470	3870	ug/kg	80		SW846 8270C
	310	4500	3820	ug/kg	78	1.4	SW846 8270C
Phenol	ND	4470	3000	ug/kg	67		SW846 8270C
	ND	4500	2970	ug/kg	66	0.75	SW846 8270C
Pyrene	ND	4470	3720	ug/kg	83		SW846 8270C
	ND	4500	3780	ug/kg	84	1.7	SW846 8270C
2,4,5-Trichloro-phenol	ND	4470	3920	ug/kg	88		SW846 8270C
	ND	4500	3890	ug/kg	87	0.69	SW846 8270C
2,4,6-Trichloro-phenol	ND	4470	3750	ug/kg	84		SW846 8270C
	ND	4500	3690	ug/kg	82	1.8	SW846 8270C
bis(2-Chloroisopropyl) ether	ND	4470	2650	ug/kg	59		SW846 8270C
	ND	4500	2770	ug/kg	62	4.3	SW846 8270C
4-Methylphenol	ND	4470	3260	ug/kg	73		SW846 8270C
	ND	4500	3160	ug/kg	70	3.2	SW846 8270C
Hexachlorobutadiene	ND	4470	2960	ug/kg	66		SW846 8270C
	ND	4500	3090	ug/kg	69	4.6	SW846 8270C
Carbazole	49	4470	3920	ug/kg	87		SW846 8270C
	49	4500	3910	ug/kg	86	0.17	SW846 8270C
Isophorone	ND	4470	3250	ug/kg	73		SW846 8270C
	ND	4500	3230	ug/kg	72	0.64	SW846 8270C
Pyridine	ND	4470	1900	ug/kg	43		SW846 8270C
	ND	4500	1960	ug/kg	44	3.2	SW846 8270C
3-Methylphenol & 4-Methylphenol	ND	4470	3260	ug/kg	73		SW846 8270C
	ND	4500	3160	ug/kg	70	3.2	SW846 8270C
N-Nitrosodimethylamine	ND	4470	2300	ug/kg	52		SW846 8270C
	ND	4500	2380	ug/kg	53	3.4	SW846 8270C
1,2-Dichlorobenzene	ND	4470	2810	ug/kg	63		SW846 8270C
	ND	4500	2920	ug/kg	65	3.8	SW846 8270C
1,4-Dichlorobenzene	ND	4470	2670	ug/kg	60		SW846 8270C
	ND	4500	2760	ug/kg	61	3.2	SW846 8270C
Aniline	ND	4470	1340	ug/kg	30		SW846 8270C
	ND	4500	1440	ug/kg	32	7.6	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G250192 **Work Order #...:** J3H8X1AU-MS **Matrix.....:** SO
MS Lot-Sample #: D7G250192-007 J3H8X1AV-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,2-Diphenylhydrazine (as Azobenzene)	**ND**	**4470**	**3590**	**ug/kg**	**80**		**SW846 8270C**
	ND	**4500**	**3600**	**ug/kg**	**80**	**0.27**	**SW846 8270C**
1-Methylnaphthalene	**ND**	**4470**	**3180**	**ug/kg**	**71**		**SW846 8270C**
	ND	**4500**	**3140**	**ug/kg**	**70**	**1.2**	**SW846 8270C**
1,4-Dioxane	**ND**	**4470**	**1310**	**ug/kg**	**29**		**SW846 8270C**
	ND	**4500**	**1330**	**ug/kg**	**30**	**1.5**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	62	(53 - 120)
	64	(53 - 120)
Phenol-d5	67	(52 - 120)
	67	(52 - 120)
Nitrobenzene-d5	71	(50 - 120)
	74	(50 - 120)
2-Fluorobiphenyl	75	(50 - 120)
	72	(50 - 120)
2,4,6-Tribromophenol	90	(51 - 120)
	88	(51 - 120)
Terphenyl-d14	86	(55 - 120)
	86	(55 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

METHOD BLANK REPORT

GC Volatiles

Client Lot #...: D7G250192 **Work Order #...:** J3VLJ1AA **Matrix.....:** WATER
MB Lot-Sample #: D7G300000-389

Prep Date.....: 07/27/07 **Analysis Time..:** 11:16
Analysis Date..: 07/27/07 **Prep Batch #...:** 7211389
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Gasoline Range Organics	ND	25	ug/L	SW846 8015B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	101	(82 - 110)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC Volatiles

Client Lot #...: D7G250192 **Work Order #...:** J30RM1AA **Matrix.....:** SOLID
MB Lot-Sample #: D7H010000-205

Prep Date.....: 07/30/07 **Analysis Time..:** 10:40
Analysis Date..: 07/31/07 **Prep Batch #...:** 7213205
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Gasoline Range Organics	ND	1.2	mg/kg	SW846 8015B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	88	(77 - 123)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...: D7G250192 **Work Order #...:** J3VLJ1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: D7G300000-389 J3VLJ1AD-LCSD
Prep Date.....: 07/27/07 **Analysis Date..:** 07/27/07
Prep Batch #...: 7211389 **Analysis Time..:** 10:14
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Gasoline Range Organics	**103**	**(79 - 149)**			**SW846 8015B**
	108	**(79 - 149)**	**5.6**	**(0-27)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	110	(82 - 110)
	104	(82 - 110)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Volatiles

Client Lot #...: D7G250192 **Work Order #...:** J3VLJ1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: D7G300000-389 J3VLJ1AD-LCSD
Prep Date.....: 07/27/07 **Analysis Date..:** 07/27/07
Prep Batch #...: 7211389 **Analysis Time..:** 10:14
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Gasoline Range Organics	**100**	**103**	**ug/L**	**103**		**SW846 8015B**
	100	**108**	**ug/L**	**108**	**5.6**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	110	(82 - 110)
	104	(82 - 110)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...: D7G250192 **Work Order #...:** J30RM1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: D7H010000-205 J30RM1AD-LCSD
Prep Date.....: 07/30/07 **Analysis Date..:** 07/31/07
Prep Batch #...: 7213205 **Analysis Time..:** 09:38
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Gasoline Range Organics	**103**	**(85 - 153)**			**SW846 8015B**
	97	**(85 - 153)**	**6.0**	**(0-30)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	95	(77 - 123)
	96	(77 - 123)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Volatiles

Client Lot #...: D7G250192 **Work Order #...:** J30RM1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: D7H010000-205 J30RM1AD-LCSD
Prep Date.....: 07/30/07 **Analysis Date..:** 07/31/07
Prep Batch #...: 7213205 **Analysis Time..:** 09:38
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Gasoline Range Organics	**5.50**	**5.66**	**mg/kg**	**103**		**SW846 8015B**
	5.50	**5.33**	**mg/kg**	**97**	**6.0**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	95	(77 - 123)
	96	(77 - 123)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...: D7G250192 **Work Order #...:** J3J5L1AF-MS **Matrix.....:** WATER
MS Lot-Sample #: D7G250310-001 J3J5L1AG-MSD
Date Sampled...: 07/25/07 08:40 **Date Received..:** 07/25/07
Prep Date.....: 07/27/07 **Analysis Date..:** 07/27/07
Prep Batch #...: 7211389 **Analysis Time..:** 12:25
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Gasoline Range Organics	**91**	**(79 - 149)**			**SW846 8015B**
	87	**(79 - 149)**	**2.9**	**(0-27)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	102	(82 - 110)
	102	(82 - 110)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC Volatiles

Client Lot #...: D7G250192 **Work Order #...:** J3J5L1AF-MS **Matrix.....:** WATER
MS Lot-Sample #: D7G250310-001 J3J5L1AG-MSD
Date Sampled...: 07/25/07 08:40 **Date Received..:** 07/25/07
Prep Date.....: 07/27/07 **Analysis Date..:** 07/27/07
Prep Batch #...: 7211389 **Analysis Time..:** 12:25
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Gasoline Range Organics	**65**	**100**	**156**	**ug/L**	**91**		**SW846 8015B**
	65	**100**	**152**	**ug/L**	**87**	**2.9**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	102	(82 - 110)
	102	(82 - 110)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...: D7G250192 **Work Order #...:** J30L21AC-MS **Matrix.....:** SOLID
MS Lot-Sample #: D7G130166-012 J30L21AD-MSD
Date Sampled...: 07/27/07 07:00 **Date Received..:** 07/27/07
Prep Date.....: 07/30/07 **Analysis Date..:** 07/31/07
Prep Batch #...: 7213205 **Analysis Time..:** 11:46
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Gasoline Range Organics	**252 a**	**(85 - 153)**			**SW846 8015B**
	223 a	**(85 - 153)**	**5.4**	**(0-30)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	109	(77 - 123)
	105	(77 - 123)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC Volatiles

Client Lot #...: D7G250192 **Work Order #...:** J30L21AC-MS **Matrix.....:** SOLID
MS Lot-Sample #: D7G130166-012 J30L21AD-MSD
Date Sampled...: 07/27/07 07:00 **Date Received..:** 07/27/07
Prep Date.....: 07/30/07 **Analysis Date..:** 07/31/07
Prep Batch #...: 7213205 **Analysis Time..:** 11:46
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Gasoline Range Organics	**17**	**5.47**	**30.5**	**mg/kg**	**252 a**		**SW846 8015B**
	17	**5.47**	**28.9**	**mg/kg**	**223 a**	**5.4**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	109	(77 - 123)
	105	(77 - 123)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: D7G250192 **Work Order #...:** J3G361AA **Matrix.....:** SOLID
MB Lot-Sample #: D7G240000-520

Prep Date.....: 07/25/07 **Analysis Time..:** 16:46
Analysis Date..: 07/28/07 **Prep Batch #...:** 7205520
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Diesel Range Organics (Cl	**1.8 J**	**4.0**	**mg/kg**	**SW846 8015B**
Motor Oil Range Organics	ND	4.0	mg/kg	SW846 8015B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	82	(45 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: D7G250192 **Work Order #...:** J3KDC1AA **Matrix.....:** WATER
MB Lot-Sample #: D7G250000-582

Prep Date.....: 07/25/07 **Analysis Time..:** 23:05
Analysis Date..: 07/30/07 **Prep Batch #...:** 7206582
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Diesel Range Organics (C1	**0.050 J**	**0.25**	**mg/L**	**SW846 8015B**
Motor Oil Range Organics	ND	0.25	mg/L	SW846 8015B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	81	(48 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

J Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: D7G250192 **Work Order #...:** J3G361AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7G240000-520
Prep Date.....: 07/25/07 **Analysis Date..:** 07/28/07
Prep Batch #...: 7205520 **Analysis Time..:** 17:23
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Diesel Range Organics	**81**	**(56 - 115)**	**SW846 8015B**
Diesel Range Organics (C10-C28)	**81**	**(53 - 115)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	74	(49 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: D7G250192
LCS Lot-Sample#: D7G240000-520
Prep Date.....: 07/25/07
Prep Batch #...: 7205520
Dilution Factor: 1

Work Order #...: J3G361AC
Analysis Date..: 07/28/07
Analysis Time..: 17:23

Matrix.....: SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Diesel Range Organics	**66.4**	**53.6**	**mg/kg**	**81**	**SW846 8015B**
Diesel Range Organics (C10-C28)	**66.4**	**53.6**	**mg/kg**	**81**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	74	(49 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: D7G250192
LCS Lot-Sample#: D7G250000-582
Prep Date.....: 07/25/07
Prep Batch #...: 7206582
Dilution Factor: 1

Work Order #...: J3KDC1AC
Analysis Date..: 07/30/07
Analysis Time..: 23:42

Matrix.....: WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
TPH C10 - C36	**81**	**(57 - 115)**	**SW846 8015B**
Diesel Range Organics (C10-C28)	**81**	**(54 - 115)**	**SW846 8015B**
Petroleum Hydrocarbons, Total (C10 - C28)	**81**	**(57 - 115)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	76	(50 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: D7G250192 **Work Order #...:** J3KDC1AC **Matrix.....:** WATER
LCS Lot-Sample#: D7G250000-582
Prep Date.....: 07/25/07 **Analysis Date..:** 07/30/07
Prep Batch #...: 7206582 **Analysis Time..:** 23:42
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
TPH C10 - C36	**2.00**	**1.62**	**mg/L**	**81**	**SW846 8015B**
Diesel Range Organics (C10-C28)	**2.00**	**1.62**	**mg/L**	**81**	**SW846 8015B**
Petroleum Hydrocarbons, Total (C10 - C28)	**2.00**	**1.62**	**mg/L**	**81**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	76	(50 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: D7G250192 **Work Order #...:** J3FXQ1DF-MS **Matrix.....:** SOLID
MS Lot-Sample #: D7G240162-024 J3FXQ1DG-MSD
Date Sampled...: 07/23/07 11:00 **Date Received..:** 07/24/07
Prep Date.....: 07/25/07 **Analysis Date..:** 07/28/07
Prep Batch #...: 7205520 **Analysis Time..:** 21:08
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Diesel Range Organics (C10-C28)	**71**	**(56 - 115)**			**SW846 8015B**
	69	**(56 - 115)**	**3.4**	**(0-23)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	66	(45 - 115)
	63	(45 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: D7G250192 **Work Order #...:** J3FXQ1DF-MS **Matrix.....:** SOLID
J3FXQ1DG-MSD
MS Lot-Sample #: D7G240162-024
Date Sampled...: 07/23/07 11:00 **Date Received..:** 07/24/07
Prep Date.....: 07/25/07 **Analysis Date..:** 07/28/07
Prep Batch #...: 7205520 **Analysis Time..:** 21:08
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Diesel Range Organics (C10-C28)	**2.2**	**86.6**	**63.7**	**mg/kg**	**71**		**SW846 8015B**
	2.2	**85.8**	**61.6**	**mg/kg**	**69**	**3.4**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	66	(45 - 115)
	63	(45 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: D7G250192 **Work Order #...:** J3J5X1AA **Matrix.....:** WATER
MB Lot-Sample #: D7G250000-563

Prep Date.....: 07/25/07 **Analysis Time..:** 08:29
Analysis Date..: 07/30/07 **Prep Batch #...:** 7206563
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	1.0	ug/L	SW846 8082
Aroclor 1221	ND	1.0	ug/L	SW846 8082
Aroclor 1232	ND	1.0	ug/L	SW846 8082
Aroclor 1242	ND	1.0	ug/L	SW846 8082
Aroclor 1248	ND	1.0	ug/L	SW846 8082
Aroclor 1254	ND	1.0	ug/L	SW846 8082
Aroclor 1260	ND	1.0	ug/L	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	94	(51 - 122)
Decachlorobiphenyl	115	(41 - 138)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: D7G250192 **Work Order #...:** J3LRL1AA **Matrix.....:** SOLID
MB Lot-Sample #: D7G260000-306

Prep Date.....: 07/26/07 **Analysis Time..:** 23:48
Analysis Date..: 07/31/07 **Prep Batch #...:** 7207306
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	33	ug/kg	SW846 8082
Aroclor 1221	ND	47	ug/kg	SW846 8082
Aroclor 1232	ND	33	ug/kg	SW846 8082
Aroclor 1242	ND	33	ug/kg	SW846 8082
Aroclor 1248	ND	33	ug/kg	SW846 8082
Aroclor 1254	ND	33	ug/kg	SW846 8082
Aroclor 1260	ND	33	ug/kg	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	95	(68 - 125)
Tetrachloro-m-xylene	89	(67 - 129)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

ND: The analyte was analyzed for, but not detected.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: D7G250192 **Work Order #...:** J3J5X1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: D7G250000-563 J3J5X1AD-LCSD
Prep Date.....: 07/25/07 **Analysis Date..:** 07/30/07
Prep Batch #...: 7206563 **Analysis Time..:** 08:46
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**102**	**(61 - 125)**			**SW846 8082**
	106	**(61 - 125)**	**3.3**	**(0-24)**	**SW846 8082**
Aroclor 1260	**115**	**(63 - 129)**			**SW846 8082**
	116	**(63 - 129)**	**1.6**	**(0-24)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	95	(41 - 117)
	98	(41 - 117)
Decachlorobiphenyl	132	(29 - 143)
	122	(29 - 143)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: D7G250192 **Work Order #...:** J3J5X1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: D7G250000-563 J3J5X1AD-LCSD
Prep Date.....: 07/25/07 **Analysis Date..:** 07/30/07
Prep Batch #...: 7206563 **Analysis Time..:** 08:46
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Aroclor 1016	**2.00**	**2.04**	**ug/L**	**102**		**SW846 8082**
	2.00	**2.11**	**ug/L**	**106**	**3.3**	**SW846 8082**
Aroclor 1260	**2.00**	**2.29**	**ug/L**	**115**		**SW846 8082**
	2.00	**2.33**	**ug/L**	**116**	**1.6**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	95	(41 - 117)
	98	(41 - 117)
Decachlorobiphenyl	132	(29 - 143)
	122	(29 - 143)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: D7G250192 **Work Order #...:** J3LRL1AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7G260000-306
Prep Date.....: 07/26/07 **Analysis Date..:** 08/01/07
Prep Batch #...: 7207306 **Analysis Time..:** 00:10
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**99**	**(71 - 118)**	**SW846 8082**
Aroclor 1260	**104**	**(65 - 123)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	96	(68 - 125)
Tetrachloro-m-xylene	90	(67 - 129)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: D7G250192 **Work Order #...:** J3LRL1AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7G260000-306
Prep Date.....: 07/26/07 **Analysis Date..:** 08/01/07
Prep Batch #...: 7207306 **Analysis Time..:** 00:10
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aroclor 1016	**63.5**	**62.9**	**ug/kg**	**99**	**SW846 8082**
Aroclor 1260	**63.5**	**66.2**	**ug/kg**	**104**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	96	(68 - 125)
Tetrachloro-m-xylene	90	(67 - 129)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: D7G250192 **Work Order #...:** J3JHW1EL-MS **Matrix.....:** WATER
MS Lot-Sample #: D7G250221-002 J3JHW1EM-MSD
Date Sampled...: 07/24/07 13:15 **Date Received..:** 07/25/07
Prep Date.....: 07/25/07 **Analysis Date..:** 07/30/07
Prep Batch #...: 7206563 **Analysis Time..:** 12:05
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**106**	**(53 - 130)**			**SW846 8082**
	108	**(53 - 130)**	**1.9**	**(0-30)**	**SW846 8082**
Aroclor 1260	**116**	**(58 - 150)**			**SW846 8082**
	120	**(58 - 150)**	**2.9**	**(0-30)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	99	(51 - 122)
	101	(51 - 122)
Decachlorobiphenyl	118	(41 - 138)
	118	(41 - 138)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: D7G250192 **Work Order #...:** J3JHW1EL-MS **Matrix.....:** WATER
MS Lot-Sample #: D7G250221-002 J3JHW1EM-MSD
Date Sampled...: 07/24/07 13:15 **Date Received..:** 07/25/07
Prep Date.....: 07/25/07 **Analysis Date..:** 07/30/07
Prep Batch #...: 7206563 **Analysis Time..:** 12:05
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aroclor 1016	**ND**	**1.93**	**2.04**	**ug/L**	**106**		**SW846 8082**
	ND	**1.92**	**2.08**	**ug/L**	**108**	**1.9**	**SW846 8082**
Aroclor 1260	**ND**	**1.93**	**2.24**	**ug/L**	**116**		**SW846 8082**
	ND	**1.92**	**2.31**	**ug/L**	**120**	**2.9**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	99	(51 - 122)
	101	(51 - 122)
Decachlorobiphenyl	118	(41 - 138)
	118	(41 - 138)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: D7G250192 **Work Order #...:** J3H8L1AU-MS **Matrix.....:** SO
MS Lot-Sample #: D7G250192-005 J3H8L1AV-MSD
Date Sampled...: 07/24/07 09:00 **Date Received..:** 07/25/07
Prep Date.....: 07/26/07 **Analysis Date..:** 08/01/07
Prep Batch #...: 7207306 **Analysis Time..:** 00:54
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**91**	**(71 - 118)**			**SW846 8082**
	96	**(71 - 118)**	**3.1**	**(0-36)**	**SW846 8082**
Aroclor 1260	**98**	**(65 - 123)**			**SW846 8082**
	103	**(65 - 123)**	**2.4**	**(0-44)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	91	(68 - 125)
	97	(68 - 125)
Tetrachloro-m-xylene	82	(67 - 129)
	87	(67 - 129)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: D7G250192 **Work Order #...:** J3H8L1AU-MS **Matrix.....:** SO
MS Lot-Sample #: D7G250192-005 J3H8L1AV-MSD
Date Sampled...: 07/24/07 09:00 **Date Received..:** 07/25/07
Prep Date.....: 07/26/07 **Analysis Date..:** 08/01/07
Prep Batch #...: 7207306 **Analysis Time..:** 00:54
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aroclor 1016	**ND**	**74.7**	**67.8**	**ug/kg**	**91**		**SW846 8082**
	ND	**72.9**	**70.0**	**ug/kg**	**96**	**3.1**	**SW846 8082**
Aroclor 1260	**ND**	**74.7**	**73.0**	**ug/kg**	**98**		**SW846 8082**
	ND	**72.9**	**74.8**	**ug/kg**	**103**	**2.4**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	91	(68 - 125)
	97	(68 - 125)
Tetrachloro-m-xylene	82	(67 - 129)
	87	(67 - 129)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

METHOD BLANK REPORT

HPLC

Client Lot #...: D7G250192 **Work Order #...:** J3WG11AA **Matrix.....:** SOLID
MB Lot-Sample #: R7G310000-140

Prep Date.....: 07/31/07 **Analysis Time..:** 14:02
Analysis Date..: 08/02/07 **Prep Batch #...:** 7212140
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Perchlorate	ND	1000	ng/kg	SW846 6860

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

HPLC

Client Lot #...: D7G250192
MB Lot-Sample #: R7H010000-214
Work Order #...: J30TK1AA
Matrix.....: WATER
Prep Date.....: 08/01/07
Analysis Time..: 18:49
Analysis Date..: 08/01/07
Prep Batch #...: 7213214
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Perchlorate	ND	0.10	ug/L	SW846 6860

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

HPLC

Client Lot #...: D7G250192 **Work Order #...:** J3WG11AC **Matrix.....:** SOLID
LCS Lot-Sample#: R7G310000-140
Prep Date.....: 07/31/07 **Analysis Date..:** 08/02/07
Prep Batch #...: 7212140 **Analysis Time..:** 14:31
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Perchlorate	**97**	**(70 - 130)**	**SW846 6860**

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

HPLC

Client Lot #...: D7G250192 **Work Order #...:** J3WG11AC **Matrix.....:** SOLID
LCS Lot-Sample#: R7G310000-140
Prep Date.....: 07/31/07 **Analysis Date..:** 08/02/07
Prep Batch #...: 7212140 **Analysis Time..:** 14:31
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Perchlorate	**943**	**917**	**ng/kg**	**97**	**SW846 6860**

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

HPLC

Client Lot #...: D7G250192 **Work Order #...:** J30TK1AC **Matrix.....:** WATER
LCS Lot-Sample#: R7H010000-214
Prep Date.....: 08/01/07 **Analysis Date..:** 08/01/07
Prep Batch #...: 7213214 **Analysis Time..:** 19:18
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Perchlorate	**92**	**(80 - 120)**	**SW846 6860**

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

HPLC

Client Lot #...: D7G250192 **Work Order #...:** J30TK1AC **Matrix.....:** WATER
LCS Lot-Sample#: R7H010000-214
Prep Date.....: 08/01/07 **Analysis Date..:** 08/01/07
Prep Batch #...: 7213214 **Analysis Time..:** 19:18
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Perchlorate	**0.100**	**0.0925**	**ug/L**	**92**	**SW846 6860**

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

HPLC

Client Lot #...: D7G250192
MS Lot-Sample #: D7G260168-004
Date Sampled...: 07/24/07 13:45
Prep Date.....: 07/31/07
Prep Batch #...: 7212140
Dilution Factor: 1

Work Order #...: J3LGC1AU-MS
J3LGC1AV-MSD
Date Received..: 07/26/07
Analysis Date..: 08/02/07
Analysis Time..: 20:21

Matrix.....: SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Perchlorate	**41 a**	**(70 - 130)**			**SW846 6860**
	37 a	**(70 - 130)**	**3.4**	**(0-15)**	**SW846 6860**

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

HPLC

Client Lot #...: D7G250192 **Work Order #...:** J3LGC1AU-MS **Matrix.....:** SOLID
MS Lot-Sample #: D7G260168-004 J3LGC1AV-MSD
Date Sampled...: 07/24/07 13:45 **Date Received..:** 07/26/07
Prep Date.....: 07/31/07 **Analysis Date..:** 08/02/07
Prep Batch #...: 7212140 **Analysis Time..:** 20:21
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Perchlorate	**890**	**1190**	**1370**	**ng/kg**	**41 a**		**SW846 6860**
	890	**1170**	**1330**	**ng/kg**	**37 a**	**3.4**	**SW846 6860**

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

HPLC

Client Lot #...: D7G250192 **Work Order #...:** J29EF1AT-MS **Matrix.....:** WATER
MS Lot-Sample #: D7G200178-005 J29EF1AU-MSD
Date Sampled...: 07/18/07 16:45 **Date Received..:** 07/20/07
Prep Date.....: 08/01/07 **Analysis Date..:** 08/03/07
Prep Batch #...: 7213214 **Analysis Time..:** 00:14
Dilution Factor: 5

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Perchlorate	**82**	**(80 - 120)**			**SW846 6860**
	73 a	**(80 - 120)**	**2.0**	**(0-15)**	**SW846 6860**

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

HPLC

Client Lot #...: D7G250192 **Work Order #...:** J29EF1AT-MS **Matrix.....:** WATER
MS Lot-Sample #: D7G200178-005 J29EF1AU-MSD
Date Sampled...: 07/18/07 16:45 **Date Received..:** 07/20/07
Prep Date.....: 08/01/07 **Analysis Date..:** 08/03/07
Prep Batch #...: 7213214 **Analysis Time..:** 00:14
Dilution Factor: 5

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Perchlorate	**1.8**	**0.500**	**2.17**	**ug/L**	**82**		**SW846 6860**
	1.8	**0.500**	**2.13**	**ug/L**	**73 a**	**2.0**	**SW846 6860**

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D7G250192 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: D7G260000-206 **Prep Batch #...:** 7207378						
Mercury	ND	33	ug/kg	SW846 7471A	08/02-08/03/07	J3K6J1AA
		Dilution Factor: 1				
		Analysis Time..: 15:09				
MB Lot-Sample #: D7G270000-407 **Prep Batch #...:** 7208407						
Selenium	ND	1.3	mg/kg	SW846 6010B	08/02/07	J3QN71AW
		Dilution Factor: 1				
		Analysis Time..: 18:30				
Barium	ND	1.0	mg/kg	SW846 6010B	08/02/07	J3QN71AE
		Dilution Factor: 1				
		Analysis Time..: 18:30				
Cadmium	ND	0.50	mg/kg	SW846 6010B	08/02/07	J3QN71AH
		Dilution Factor: 1				
		Analysis Time..: 18:30				
Chromium	ND	1.5	mg/kg	SW846 6010B	08/02/07	J3QN71AK
		Dilution Factor: 1				
		Analysis Time..: 18:30				
Silver	ND	1.0	mg/kg	SW846 6010B	08/02/07	J3QN71AA
		Dilution Factor: 1				
		Analysis Time..: 18:30				
Arsenic	ND	2.0	mg/kg	SW846 6010B	08/02/07	J3QN71AD
		Dilution Factor: 1				
		Analysis Time..: 18:30				
Lead	ND	0.80	mg/kg	SW846 6010B	08/02/07	J3QN71AU
		Dilution Factor: 1				
		Analysis Time..: 18:30				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D7G250192 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: D7G270000-138 **Prep Batch #...:** 7208138						
Silver	ND	10	ug/L	SW846 6010B	07/31/07	J3N061AA
		Dilution Factor: 1				
		Analysis Time..: 22:25				
Aluminum	ND	100	ug/L	SW846 6010B	07/31/07	J3N061AC
		Dilution Factor: 1				
		Analysis Time..: 22:25				
Arsenic	ND	15	ug/L	SW846 6010B	07/31/07	J3N061AD
		Dilution Factor: 1				
		Analysis Time..: 22:25				
Barium	ND	10	ug/L	SW846 6010B	07/31/07	J3N061AE
		Dilution Factor: 1				
		Analysis Time..: 22:25				
Beryllium	ND	5.0	ug/L	SW846 6010B	07/31/07	J3N061AF
		Dilution Factor: 1				
		Analysis Time..: 22:25				
Calcium	**51 B**	**200**	**ug/L**	**SW846 6010B**	**07/31/07**	**J3N061AG**
		Dilution Factor: 1				
		Analysis Time..: 22:25				
Cadmium	ND	5.0	ug/L	SW846 6010B	07/31/07	J3N061AH
		Dilution Factor: 1				
		Analysis Time..: 22:25				
Cobalt	ND	10	ug/L	SW846 6010B	07/31/07	J3N061AJ
		Dilution Factor: 1				
		Analysis Time..: 22:25				
Chromium	ND	10	ug/L	SW846 6010B	07/31/07	J3N061AK
		Dilution Factor: 1				
		Analysis Time..: 22:25				
Copper	ND	15	ug/L	SW846 6010B	07/31/07	J3N061AL
		Dilution Factor: 1				
		Analysis Time..: 22:25				
Iron	ND	100	ug/L	SW846 6010B	07/31/07	J3N061AM
		Dilution Factor: 1				
		Analysis Time..: 22:25				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D7G250192 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	ND	3000	ug/L	SW846 6010B	07/31/07	J3N061AN
		Dilution Factor: 1				
		Analysis Time..: 22:25				
Magnesium	ND	200	ug/L	SW846 6010B	07/31/07	J3N061AP
		Dilution Factor: 1				
		Analysis Time..: 22:25				
Manganese	ND	10	ug/L	SW846 6010B	07/31/07	J3N061AQ
		Dilution Factor: 1				
		Analysis Time..: 22:25				
Sodium	ND	1000	ug/L	SW846 6010B	07/31/07	J3N061AR
		Dilution Factor: 1				
		Analysis Time..: 22:25				
Nickel	ND	40	ug/L	SW846 6010B	07/31/07	J3N061AT
		Dilution Factor: 1				
		Analysis Time..: 22:25				
Lead	ND	9.0	ug/L	SW846 6010B	07/31/07	J3N061AU
		Dilution Factor: 1				
		Analysis Time..: 22:25				
Antimony	ND	10	ug/L	SW846 6010B	07/31/07	J3N061AV
		Dilution Factor: 1				
		Analysis Time..: 22:25				
Selenium	ND	15	ug/L	SW846 6010B	07/31/07	J3N061AW
		Dilution Factor: 1				
		Analysis Time..: 22:25				
Thallium	ND	15	ug/L	SW846 6010B	07/31/07	J3N061AX
		Dilution Factor: 1				
		Analysis Time..: 22:25				
Vanadium	ND	10	ug/L	SW846 6010B	07/31/07	J3N061A0
		Dilution Factor: 1				
		Analysis Time..: 22:25				
Zinc	**5.5 B**	**20**	**ug/L**	**SW846 6010B**	**07/31/07**	**J3N061A1**
		Dilution Factor: 1				
		Analysis Time..: 22:25				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D7G250192 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: D7G280000-156 **Prep Batch #...:** 7209156						
Mercury	**0.031 B**	**0.20**	**ug/L**	**SW846 7470A**	**08/02-08/03/07**	**J3WJJ1AA**
		Dilution Factor: 1				
		Analysis Time..: 02:35				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7G250192 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: D7G260000-206 **Prep Batch #...:** 7207378					
Mercury	103	(87 - 111)	SW846 7471A	08/02-08/03/07	J3K6J1AC
		Dilution Factor: 1	Analysis Time..: 15:11		
LCS Lot-Sample#: D7G270000-407 **Prep Batch #...:** 7208407					
Selenium	90	(83 - 110)	SW846 6010B	08/02/07	J3QN71CM
		Dilution Factor: 1	Analysis Time..: 18:52		
Barium	99	(87 - 112)	SW846 6010B	08/02/07	J3QN71A5
		Dilution Factor: 1	Analysis Time..: 18:52		
Cadmium	104	(87 - 110)	SW846 6010B	08/02/07	J3QN71A8
		Dilution Factor: 1	Analysis Time..: 18:52		
Chromium	99	(84 - 114)	SW846 6010B	08/02/07	J3QN71CA
		Dilution Factor: 1	Analysis Time..: 18:52		
Silver	93	(87 - 114)	SW846 6010B	08/02/07	J3QN71A2
		Dilution Factor: 1	Analysis Time..: 18:52		
Arsenic	89	(85 - 110)	SW846 6010B	08/02/07	J3QN71A4
		Dilution Factor: 1	Analysis Time..: 18:52		
Lead	86	(86 - 110)	SW846 6010B	08/02/07	J3QN71CK
		Dilution Factor: 1	Analysis Time..: 18:52		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7G250192 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: D7G260000-206 **Prep Batch #...:** 7207378							
Mercury	833	859	ug/kg	103	SW846 7471A	08/02-08/03/07	J3K6J1AC
			Dilution Factor: 1		Analysis Time..: 15:11		
LCS Lot-Sample#: D7G270000-407 **Prep Batch #...:** 7208407							
Selenium	200	181	mg/kg	90	SW846 6010B	08/02/07	J3QN71CM
			Dilution Factor: 1		Analysis Time..: 18:52		
Barium	200	198	mg/kg	99	SW846 6010B	08/02/07	J3QN71A5
			Dilution Factor: 1		Analysis Time..: 18:52		
Cadmium	10.0	10.4	mg/kg	104	SW846 6010B	08/02/07	J3QN71A8
			Dilution Factor: 1		Analysis Time..: 18:52		
Chromium	20.0	19.8	mg/kg	99	SW846 6010B	08/02/07	J3QN71CA
			Dilution Factor: 1		Analysis Time..: 18:52		
Silver	5.00	4.64	mg/kg	93	SW846 6010B	08/02/07	J3QN71A2
			Dilution Factor: 1		Analysis Time..: 18:52		
Arsenic	100	88.8	mg/kg	89	SW846 6010B	08/02/07	J3QN71A4
			Dilution Factor: 1		Analysis Time..: 18:52		
Lead	50.0	43.2	mg/kg	86	SW846 6010B	08/02/07	J3QN71CK
			Dilution Factor: 1		Analysis Time..: 18:52		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7G250192 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: D7G270000-138 **Prep Batch #...:** 7208138					
Silver	100	(86 - 115)	SW846 6010B Dilution Factor: 1 Analysis Time..: 22:30	07/31/07	J3N061A2
Aluminum	95	(87 - 111)	SW846 6010B Dilution Factor: 1 Analysis Time..: 22:30	07/31/07	J3N061A3
Arsenic	95	(88 - 110)	SW846 6010B Dilution Factor: 1 Analysis Time..: 22:30	07/31/07	J3N061A4
Barium	98	(90 - 112)	SW846 6010B Dilution Factor: 1 Analysis Time..: 22:30	07/31/07	J3N061A5
Beryllium	97	(89 - 113)	SW846 6010B Dilution Factor: 1 Analysis Time..: 22:30	07/31/07	J3N061A6
Calcium	97	(90 - 111)	SW846 6010B Dilution Factor: 1 Analysis Time..: 22:30	07/31/07	J3N061A7
Cadmium	101	(88 - 111)	SW846 6010B Dilution Factor: 1 Analysis Time..: 22:30	07/31/07	J3N061A8
Cobalt	96	(89 - 111)	SW846 6010B Dilution Factor: 1 Analysis Time..: 22:30	07/31/07	J3N061A9
Chromium	100	(90 - 113)	SW846 6010B Dilution Factor: 1 Analysis Time..: 22:30	07/31/07	J3N061CA
Copper	100	(86 - 112)	SW846 6010B Dilution Factor: 1 Analysis Time..: 22:30	07/31/07	J3N061CC
Iron	93	(89 - 115)	SW846 6010B Dilution Factor: 1 Analysis Time..: 22:30	07/31/07	J3N061CD
Potassium	103	(89 - 114)	SW846 6010B Dilution Factor: 1 Analysis Time..: 22:30	07/31/07	J3N061CE
Magnesium	92	(90 - 113)	SW846 6010B Dilution Factor: 1 Analysis Time..: 22:30	07/31/07	J3N061CF
Manganese	98	(90 - 110)	SW846 6010B Dilution Factor: 1 Analysis Time..: 22:30	07/31/07	J3N061CG

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7G250192 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	102	(90 - 115)	SW846 6010B	07/31/07	J3N061CH
		Dilution Factor: 1	Analysis Time..: 22:30		
Nickel	94	(89 - 111)	SW846 6010B	07/31/07	J3N061CJ
		Dilution Factor: 1	Analysis Time..: 22:30		
Lead	95	(89 - 110)	SW846 6010B	07/31/07	J3N061CK
		Dilution Factor: 1	Analysis Time..: 22:30		
Antimony	97	(88 - 110)	SW846 6010B	07/31/07	J3N061CL
		Dilution Factor: 1	Analysis Time..: 22:30		
Selenium	96	(85 - 112)	SW846 6010B	07/31/07	J3N061CM
		Dilution Factor: 1	Analysis Time..: 22:30		
Thallium	94	(88 - 110)	SW846 6010B	07/31/07	J3N061CN
		Dilution Factor: 1	Analysis Time..: 22:30		
Vanadium	97	(90 - 111)	SW846 6010B	07/31/07	J3N061CP
		Dilution Factor: 1	Analysis Time..: 22:30		
Zinc	98	(85 - 111)	SW846 6010B	07/31/07	J3N061CQ
		Dilution Factor: 1	Analysis Time..: 22:30		

LCS Lot-Sample#: D7G280000-156 **Prep Batch #...:** 7209156

Mercury	96	(88 - 111)	SW846 7470A	08/02-08/03/07	J3WJJ1AC
		Dilution Factor: 1	Analysis Time..: 02:38		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7G250192 **Matrix.....:** WATER

LCS Lot-Sample#: D7G270000-138 **Prep Batch #...:** 7208138

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	50.0	50.2	ug/L	100	SW846 6010B	07/31/07	J3N061A2
			Dilution Factor: 1		Analysis Time..: 22:30		
Aluminum	2000	1890	ug/L	95	SW846 6010B	07/31/07	J3N061A3
			Dilution Factor: 1		Analysis Time..: 22:30		
Arsenic	1000	950	ug/L	95	SW846 6010B	07/31/07	J3N061A4
			Dilution Factor: 1		Analysis Time..: 22:30		
Barium	2000	1960	ug/L	98	SW846 6010B	07/31/07	J3N061A5
			Dilution Factor: 1		Analysis Time..: 22:30		
Beryllium	50.0	48.4	ug/L	97	SW846 6010B	07/31/07	J3N061A6
			Dilution Factor: 1		Analysis Time..: 22:30		
Calcium	50000	48300	ug/L	97	SW846 6010B	07/31/07	J3N061A7
			Dilution Factor: 1		Analysis Time..: 22:30		
Cadmium	100	101	ug/L	101	SW846 6010B	07/31/07	J3N061A8
			Dilution Factor: 1		Analysis Time..: 22:30		
Cobalt	500	482	ug/L	96	SW846 6010B	07/31/07	J3N061A9
			Dilution Factor: 1		Analysis Time..: 22:30		
Chromium	200	200	ug/L	100	SW846 6010B	07/31/07	J3N061CA
			Dilution Factor: 1		Analysis Time..: 22:30		
Copper	250	250	ug/L	100	SW846 6010B	07/31/07	J3N061CC
			Dilution Factor: 1		Analysis Time..: 22:30		
Iron	1000	930	ug/L	93	SW846 6010B	07/31/07	J3N061CD
			Dilution Factor: 1		Analysis Time..: 22:30		
Potassium	50000	51500	ug/L	103	SW846 6010B	07/31/07	J3N061CE
			Dilution Factor: 1		Analysis Time..: 22:30		
Magnesium	50000	46100	ug/L	92	SW846 6010B	07/31/07	J3N061CF
			Dilution Factor: 1		Analysis Time..: 22:30		
Manganese	500	488	ug/L	98	SW846 6010B	07/31/07	J3N061CG
			Dilution Factor: 1		Analysis Time..: 22:30		

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7G250192

Matrix.....: WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	50000	50800	ug/L	102	SW846 6010B	07/31/07	J3N061CH
			Dilution Factor: 1		Analysis Time..: 22:30		
Nickel	500	472	ug/L	94	SW846 6010B	07/31/07	J3N061CJ
			Dilution Factor: 1		Analysis Time..: 22:30		
Lead	500	476	ug/L	95	SW846 6010B	07/31/07	J3N061CK
			Dilution Factor: 1		Analysis Time..: 22:30		
Antimony	500	484	ug/L	97	SW846 6010B	07/31/07	J3N061CL
			Dilution Factor: 1		Analysis Time..: 22:30		
Selenium	2000	1910	ug/L	96	SW846 6010B	07/31/07	J3N061CM
			Dilution Factor: 1		Analysis Time..: 22:30		
Thallium	2000	1880	ug/L	94	SW846 6010B	07/31/07	J3N061CN
			Dilution Factor: 1		Analysis Time..: 22:30		
Vanadium	500	485	ug/L	97	SW846 6010B	07/31/07	J3N061CP
			Dilution Factor: 1		Analysis Time..: 22:30		
Zinc	500	492	ug/L	98	SW846 6010B	07/31/07	J3N061CQ
			Dilution Factor: 1		Analysis Time..: 22:30		

LCS Lot-Sample#: D7G280000-156 **Prep Batch #...:** 7209156

Mercury	5.00	4.78	ug/L	96	SW846 7470A	08/02-08/03/07	J3WJJ1AC
			Dilution Factor: 1		Analysis Time..: 02:38		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7G250192 **Matrix.....:** SOLID
Date Sampled...: 07/23/07 11:00 **Date Received..:** 07/24/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7G240162-024 **Prep Batch #...:** 7207378							
Mercury	96	(87 - 111)			SW846 7471A	08/02-08/03/07	J3FXQ1DK
	99	(87 - 111)	2.9	(0-20)	SW846 7471A	08/02-08/03/07	J3FXQ1DL
		Dilution Factor: 1					
		Analysis Time..: 15:30					
MS Lot-Sample #: D7G240162-024 **Prep Batch #...:** 7208407							
Selenium	96	(76 - 104)			SW846 6010B	08/02/07	J3FXQ1C4
	94	(76 - 104)	2.6	(0-30)	SW846 6010B	08/02/07	J3FXQ1C5
		Dilution Factor: 1					
		Analysis Time..: 19:09					
Barium	107	(52 - 159)			SW846 6010B	08/02/07	J3FXQ1DW
	106	(52 - 159)	0.90	(0-30)	SW846 6010B	08/02/07	J3FXQ1DX
		Dilution Factor: 1					
		Analysis Time..: 19:09					
Cadmium	109	(40 - 130)			SW846 6010B	08/02/07	J3FXQ1CA
	108	(40 - 130)	1.2	(0-30)	SW846 6010B	08/02/07	J3FXQ1CC
		Dilution Factor: 1					
		Analysis Time..: 19:09					
Chromium	108	(70 - 200)			SW846 6010B	08/02/07	J3FXQ1CF
	108	(70 - 200)	0.20	(0-40)	SW846 6010B	08/02/07	J3FXQ1CG
		Dilution Factor: 1					
		Analysis Time..: 19:09					
Silver	98	(75 - 141)			SW846 6010B	08/02/07	J3FXQ1DP
	96	(75 - 141)	2.6	(0-30)	SW846 6010B	08/02/07	J3FXQ1DQ
		Dilution Factor: 1					
		Analysis Time..: 19:09					
Arsenic	95	(76 - 111)			SW846 6010B	08/02/07	J3FXQ1DU
	94	(76 - 111)	1.0	(0-30)	SW846 6010B	08/02/07	J3FXQ1DV
		Dilution Factor: 1					
		Analysis Time..: 19:09					
Lead	84	(70 - 200)			SW846 6010B	08/02/07	J3FXQ1C0
	84	(70 - 200)	0.25	(0-40)	SW846 6010B	08/02/07	J3FXQ1C1
		Dilution Factor: 1					
		Analysis Time..: 19:09					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7G250192 **Matrix.....:** SOLID
Date Sampled...: 07/23/07 11:00 **Date Received..:** 07/24/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7G240162-024 **Prep Batch #...:** 7207378									
Mercury									
	ND	1070	1030	ug/kg	96		SW846 7471A	08/02-08/03/07	J3FXQ1DK
	ND	1070	1060	ug/kg	99	2.9	SW846 7471A	08/02-08/03/07	J3FXQ1DL
			Dilution Factor: 1						
			Analysis Time..: 15:30						
MS Lot-Sample #: D7G240162-024 **Prep Batch #...:** 7208407									
Selenium									
	ND	256	247	mg/kg	96		SW846 6010B	08/02/07	J3FXQ1C4
	ND	256	240	mg/kg	94	2.6	SW846 6010B	08/02/07	J3FXQ1C5
			Dilution Factor: 1						
			Analysis Time..: 19:09						
Barium									
	57	256	332	mg/kg	107		SW846 6010B	08/02/07	J3FXQ1DW
	57	256	329	mg/kg	106	0.90	SW846 6010B	08/02/07	J3FXQ1DX
			Dilution Factor: 1						
			Analysis Time..: 19:09						
Cadmium									
	ND	12.8	14.0	mg/kg	109		SW846 6010B	08/02/07	J3FXQ1CA
	ND	12.8	13.9	mg/kg	108	1.2	SW846 6010B	08/02/07	J3FXQ1CC
			Dilution Factor: 1						
			Analysis Time..: 19:09						
Chromium									
	6.2	25.6	33.9	mg/kg	108		SW846 6010B	08/02/07	J3FXQ1CF
	6.2	25.6	34.0	mg/kg	108	0.20	SW846 6010B	08/02/07	J3FXQ1CG
			Dilution Factor: 1						
			Analysis Time..: 19:09						
Silver									
	ND	6.41	6.31	mg/kg	98		SW846 6010B	08/02/07	J3FXQ1DP
	ND	6.41	6.14	mg/kg	96	2.6	SW846 6010B	08/02/07	J3FXQ1DQ
			Dilution Factor: 1						
			Analysis Time..: 19:09						
Arsenic									
	ND	128	123	mg/kg	95		SW846 6010B	08/02/07	J3FXQ1DU
	ND	128	121	mg/kg	94	1.0	SW846 6010B	08/02/07	J3FXQ1DV
			Dilution Factor: 1						
			Analysis Time..: 19:09						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7G250192 **Matrix.....:** SOLID
Date Sampled...: 07/23/07 11:00 **Date Received..:** 07/24/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Lead									
	2.5	64.1	56.2	mg/kg	84		SW846 6010B	08/02/07	J3FXQ1C0
	2.5	64.1	56.1	mg/kg	84	0.25	SW846 6010B	08/02/07	J3FXQ1C1

Dilution Factor: 1
Analysis Time..: 19:09

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7G250192 **Matrix.....:** WG
Date Sampled...: 07/24/07 08:30 **Date Received..:** 07/25/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7G250192-001 **Prep Batch #...:** 7208138							
Silver	106	(75 - 141)			SW846 6010B	07/31/07	J3H701A7
	105	(75 - 141)	1.3	(0-25)	SW846 6010B	07/31/07	J3H701A8
		Dilution Factor: 1					
		Analysis Time..: 22:46					
Aluminum	85	(83 - 119)			SW846 6010B	07/31/07	J3H701A9
	85	(83 - 119)	0.95	(0-25)	SW846 6010B	07/31/07	J3H701CA
		Dilution Factor: 1					
		Analysis Time..: 22:46					
Arsenic	101	(84 - 124)			SW846 6010B	07/31/07	J3H701CC
	99	(84 - 124)	1.3	(0-25)	SW846 6010B	07/31/07	J3H701CD
		Dilution Factor: 1					
		Analysis Time..: 22:46					
Barium	97	(85 - 120)			SW846 6010B	07/31/07	J3H701CE
	96	(85 - 120)	0.15	(0-25)	SW846 6010B	07/31/07	J3H701CF
		Dilution Factor: 1					
		Analysis Time..: 22:46					
Beryllium	92	(79 - 121)			SW846 6010B	07/31/07	J3H701CG
	91	(79 - 121)	1.4	(0-25)	SW846 6010B	07/31/07	J3H701CH
		Dilution Factor: 1					
		Analysis Time..: 22:46					
Calcium	NC,MSB	(48 - 153)			SW846 6010B	07/31/07	J3H701CJ
	NC,MSB	(48 - 153)		(0-25)	SW846 6010B	07/31/07	J3H701CK
		Dilution Factor: 1					
		Analysis Time..: 22:46					
Cadmium	104	(82 - 119)			SW846 6010B	07/31/07	J3H701CL
	104	(82 - 119)	0.65	(0-25)	SW846 6010B	07/31/07	J3H701CM
		Dilution Factor: 1					
		Analysis Time..: 22:46					
Cobalt	91	(82 - 119)			SW846 6010B	07/31/07	J3H701CN
	90	(82 - 119)	0.63	(0-25)	SW846 6010B	07/31/07	J3H701CP
		Dilution Factor: 1					
		Analysis Time..: 22:46					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7G250192
Date Sampled...: 07/24/07 08:30 **Date Received..:** 07/25/07 **Matrix.....:** WG

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	96	(73 - 135)			SW846 6010B	07/31/07	J3H701CQ
	95	(73 - 135)	0.95	(0-25)	SW846 6010B	07/31/07	J3H701CR
		Dilution Factor: 1					
		Analysis Time..: 22:46					
Copper	101	(82 - 129)			SW846 6010B	07/31/07	J3H701CT
	100	(82 - 129)	0.84	(0-25)	SW846 6010B	07/31/07	J3H701CU
		Dilution Factor: 1					
		Analysis Time..: 22:46					
Iron	89	(52 - 155)			SW846 6010B	07/31/07	J3H701CV
	88	(52 - 155)	1.9	(0-25)	SW846 6010B	07/31/07	J3H701CW
		Dilution Factor: 1					
		Analysis Time..: 22:46					
Potassium	110	(76 - 132)			SW846 6010B	07/31/07	J3H701CX
	108	(76 - 132)	0.97	(0-25)	SW846 6010B	07/31/07	J3H701C0
		Dilution Factor: 1					
		Analysis Time..: 22:46					
Magnesium	NC,MSB	(62 - 146)			SW846 6010B	07/31/07	J3H701C1
	NC,MSB	(62 - 146)		(0-25)	SW846 6010B	07/31/07	J3H701C2
		Dilution Factor: 1					
		Analysis Time..: 22:46					
Manganese	95	(79 - 121)			SW846 6010B	07/31/07	J3H701C3
	93	(79 - 121)	1.2	(0-25)	SW846 6010B	07/31/07	J3H701C4
		Dilution Factor: 1					
		Analysis Time..: 22:46					
Sodium	NC,MSB	(70 - 203)			SW846 6010B	07/31/07	J3H701C5
	NC,MSB	(70 - 203)		(0-40)	SW846 6010B	07/31/07	J3H701C6
		Dilution Factor: 1					
		Analysis Time..: 22:46					
Nickel	86	(84 - 120)			SW846 6010B	07/31/07	J3H701C7
	85	(84 - 120)	0.82	(0-25)	SW846 6010B	07/31/07	J3H701C8
		Dilution Factor: 1					
		Analysis Time..: 22:46					
Lead	86 N	(89 - 121)			SW846 6010B	07/31/07	J3H701C9
	85 N	(89 - 121)	0.84	(0-25)	SW846 6010B	07/31/07	J3H701DA
		Dilution Factor: 1					
		Analysis Time..: 22:46					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7G250192 **Matrix.....:** WG
Date Sampled...: 07/24/07 08:30 **Date Received..:** 07/25/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	101	(81 - 124)			SW846 6010B	07/31/07	J3H701DC
	101	(81 - 124)	0.33	(0-25)	SW846 6010B	07/31/07	J3H701DD
		Dilution Factor: 1					
		Analysis Time..: 22:46					
Selenium	103	(71 - 140)			SW846 6010B	07/31/07	J3H701DE
	102	(71 - 140)	1.0	(0-25)	SW846 6010B	07/31/07	J3H701DF
		Dilution Factor: 1					
		Analysis Time..: 22:46					
Thallium	77 N	(90 - 116)			SW846 6010B	07/31/07	J3H701DG
	76 N	(90 - 116)	1.2	(0-25)	SW846 6010B	07/31/07	J3H701DH
		Dilution Factor: 1					
		Analysis Time..: 22:46					
Vanadium	96	(85 - 120)			SW846 6010B	07/31/07	J3H701DJ
	95	(85 - 120)	0.27	(0-25)	SW846 6010B	07/31/07	J3H701DK
		Dilution Factor: 1					
		Analysis Time..: 22:46					
Zinc	95	(60 - 137)			SW846 6010B	07/31/07	J3H701DL
	94	(60 - 137)	1.4	(0-25)	SW846 6010B	07/31/07	J3H701DM
		Dilution Factor: 1					
		Analysis Time..: 22:46					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7G250192 **Matrix.....:** WG
Date Sampled...: 07/24/07 08:30 **Date Received..:** 07/25/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7G250192-001 **Prep Batch #...:** 7208138									
Silver									
	ND	50.0	53.2	ug/L	106		SW846 6010B	07/31/07	J3H701A7
	ND	50.0	52.5	ug/L	105	1.3	SW846 6010B	07/31/07	J3H701A8
			Dilution Factor: 1						
			Analysis Time..: 22:46						
Aluminum									
	ND	2000	1710	ug/L	85		SW846 6010B	07/31/07	J3H701A9
	ND	2000	1690	ug/L	85	0.95	SW846 6010B	07/31/07	J3H701CA
			Dilution Factor: 1						
			Analysis Time..: 22:46						
Arsenic									
	4.6	1000	1010	ug/L	101		SW846 6010B	07/31/07	J3H701CC
	4.6	1000	998	ug/L	99	1.3	SW846 6010B	07/31/07	J3H701CD
			Dilution Factor: 1						
			Analysis Time..: 22:46						
Barium									
	58	2000	1990	ug/L	97		SW846 6010B	07/31/07	J3H701CE
	58	2000	1990	ug/L	96	0.15	SW846 6010B	07/31/07	J3H701CF
			Dilution Factor: 1						
			Analysis Time..: 22:46						
Beryllium									
	ND	50.0	46.2	ug/L	92		SW846 6010B	07/31/07	J3H701CG
	ND	50.0	45.5	ug/L	91	1.4	SW846 6010B	07/31/07	J3H701CH
			Dilution Factor: 1						
			Analysis Time..: 22:46						
Calcium									
	560000	50000	595000	ug/L			SW846 6010B	07/31/07	J3H701CJ
			Qualifiers: NC,MSB						
	560000	50000	586000	ug/L			SW846 6010B	07/31/07	J3H701CK
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 22:46						
Cadmium									
	0.88	100	105	ug/L	104		SW846 6010B	07/31/07	J3H701CL
	0.88	100	105	ug/L	104	0.65	SW846 6010B	07/31/07	J3H701CM
			Dilution Factor: 1						
			Analysis Time..: 22:46						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7G250192 **Matrix.....:** WG
Date Sampled...: 07/24/07 08:30 **Date Received..:** 07/25/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt									
	2.1	500	457	ug/L	91		SW846 6010B	07/31/07	J3H701CN
	2.1	500	454	ug/L	90	0.63	SW846 6010B	07/31/07	J3H701CP
			Dilution Factor: 1						
			Analysis Time..: 22:46						
Chromium									
	ND	200	192	ug/L	96		SW846 6010B	07/31/07	J3H701CQ
	ND	200	190	ug/L	95	0.95	SW846 6010B	07/31/07	J3H701CR
			Dilution Factor: 1						
			Analysis Time..: 22:46						
Copper									
	44	250	296	ug/L	101		SW846 6010B	07/31/07	J3H701CT
	44	250	294	ug/L	100	0.84	SW846 6010B	07/31/07	J3H701CU
			Dilution Factor: 1						
			Analysis Time..: 22:46						
Iron									
	ND	1000	898	ug/L	89		SW846 6010B	07/31/07	J3H701CV
	ND	1000	881	ug/L	88	1.9	SW846 6010B	07/31/07	J3H701CW
			Dilution Factor: 1						
			Analysis Time..: 22:46						
Potassium									
	12000	50000	66700	ug/L	110		SW846 6010B	07/31/07	J3H701CX
	12000	50000	66100	ug/L	108	0.97	SW846 6010B	07/31/07	J3H701C0
			Dilution Factor: 1						
			Analysis Time..: 22:46						
Magnesium									
	540000	50000	580000	ug/L			SW846 6010B	07/31/07	J3H701C1
			Qualifiers: NC,MSB						
	540000	50000	572000	ug/L			SW846 6010B	07/31/07	J3H701C2
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 22:46						
Manganese									
	240	500	720	ug/L	95		SW846 6010B	07/31/07	J3H701C3
	240	500	712	ug/L	93	1.2	SW846 6010B	07/31/07	J3H701C4
			Dilution Factor: 1						
			Analysis Time..: 22:46						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7G250192 **Matrix.....:** WG
Date Sampled...: 07/24/07 08:30 **Date Received..:** 07/25/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium									
	3200000	50000	3250000	ug/L			SW846 6010B	07/31/07	J3H701C5
			Qualifiers: NC,MSB						
	3200000	50000	3230000	ug/L			SW846 6010B	07/31/07	J3H701C6
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 22:46						
Nickel									
	ND	500	436	ug/L	86		SW846 6010B	07/31/07	J3H701C7
	ND	500	433	ug/L	85	0.82	SW846 6010B	07/31/07	J3H701C8
			Dilution Factor: 1						
			Analysis Time..: 22:46						
Lead									
	ND	500	428 N	ug/L	86		SW846 6010B	07/31/07	J3H701C9
	ND	500	425 N	ug/L	85	0.84	SW846 6010B	07/31/07	J3H701DA
			Dilution Factor: 1						
			Analysis Time..: 22:46						
Antimony									
	ND	500	505	ug/L	101		SW846 6010B	07/31/07	J3H701DC
	ND	500	504	ug/L	101	0.33	SW846 6010B	07/31/07	J3H701DD
			Dilution Factor: 1						
			Analysis Time..: 22:46						
Selenium									
	10	2000	2070	ug/L	103		SW846 6010B	07/31/07	J3H701DE
	10	2000	2050	ug/L	102	1.0	SW846 6010B	07/31/07	J3H701DF
			Dilution Factor: 1						
			Analysis Time..: 22:46						
Thallium									
	ND	2000	1550 N	ug/L	77		SW846 6010B	07/31/07	J3H701DG
	ND	2000	1530 N	ug/L	76	1.2	SW846 6010B	07/31/07	J3H701DH
			Dilution Factor: 1						
			Analysis Time..: 22:46						
Vanadium									
	13	500	491	ug/L	96		SW846 6010B	07/31/07	J3H701DJ
	13	500	490	ug/L	95	0.27	SW846 6010B	07/31/07	J3H701DK
			Dilution Factor: 1						
			Analysis Time..: 22:46						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7G250192 **Matrix.....:** WG
Date Sampled...: 07/24/07 08:30 **Date Received..:** 07/25/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc									
	29	500	504	ug/L	95		SW846 6010B	07/31/07	J3H701DL
	29	500	497	ug/L	94	1.4	SW846 6010B	07/31/07	J3H701DM

Dilution Factor: 1
Analysis Time..: 22:46

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7G250192 **Matrix.....:** WATER
Date Sampled...: 07/21/07 09:10 **Date Received..:** 07/24/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7G240162-003 **Prep Batch #...:** 7209156							
Mercury	92	(88 - 111)			SW846 7470A	08/02-08/03/07	J3FT41C1
	94	(88 - 111)	2.5	(0-10)	SW846 7470A	08/02-08/03/07	J3FT41C2

Dilution Factor: 1
Analysis Time..: 02:52

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7G250192 **Matrix.....:** WATER
Date Sampled...: 07/21/07 09:10 **Date Received..:** 07/24/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7G240162-003 **Prep Batch #...:** 7209156									
Mercury									
	0.033	5.00	4.63	ug/L	92		SW846 7470A	08/02-08/03/07	J3FT41C1
	0.033	5.00	4.74	ug/L	94	2.5	SW846 7470A	08/02-08/03/07	J3FT41C2

Dilution Factor: 1
Analysis Time..: 02:52

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7G250192
Date Sampled...: 07/23/07 09:20 **Date Received..:** 07/24/07 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7G240162-012 **Prep Batch #...:** 7209156							
Mercury	92	(88 - 111)			SW846 7470A	08/02-08/03/07	J3FV71C1
	96	(88 - 111)	3.8	(0-10)	SW846 7470A	08/02-08/03/07	J3FV71C2

Dilution Factor: 1
Analysis Time..: 03:13

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7G250192 **Matrix.....:** WATER
Date Sampled...: 07/23/07 09:20 **Date Received..:** 07/24/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7G240162-012 **Prep Batch #...:** 7209156									
Mercury									
	0.032	5.00	4.63	ug/L	92		SW846 7470A	08/02-08/03/07	J3FV71C1
	0.032	5.00	4.81	ug/L	96	3.8	SW846 7470A	08/02-08/03/07	J3FV71C2

Dilution Factor: 1
Analysis Time..: 03:13

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

General Chemistry

Client Lot #...: D7G250192 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids		Work Order #: J36ED1AA		MB Lot-Sample #:	D7G300000-582	
	ND	10	mg/L	MCAWW 160.1	07/30/07	7211582
		Dilution Factor: 1				
		Analysis Time..: 14:15				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Lot-Sample #...: D7G250192 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids		WO#:J36ED1AC-LCS/J36ED1AD-LCSD				LCS Lot-Sample#: D7G300000-582	
	104	(86 - 106)			MCAWW 160.1	07/30/07	7211582
	102	(86 - 106)	1.6	(0-20)	MCAWW 160.1	07/30/07	7211582

Dilution Factor: 1 Analysis Time..: 14:15

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: D7G250192 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids		WO#:J36ED1AC-LCS/J36ED1AD-LCSD				LCS Lot-Sample#: D7G300000-582		
	500	518	mg/L	104		MCAWW 160.1	07/30/07	7211582
	500	510	mg/L	102	1.6	MCAWW 160.1	07/30/07	7211582

Dilution Factor: 1 Analysis Time..: 14:15

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D7G250192 **Work Order #...:** J3H8L-SMP J3H8L-DUP **Matrix.....:** SO

Date Sampled...: 07/24/07 09:00 **Date Received..:** 07/25/07

% Moisture.....: 8.9

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture						SD Lot-Sample #:	D7G250192-005	
	8.9	8.7	%	2.5	(0-20)	MCAWW 160.3 MOD	07/27-08/04/07	7208488

Dilution Factor: 1 Analysis Time..: 14:00

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D7G250192 **Work Order #...:** J3JHW-SMP J3JHW-DUP **Matrix.....:** WATER

Date Sampled...: 07/24/07 13:15 **Date Received..:** 07/25/07

% Moisture.....: 0.0

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids						SD Lot-Sample #:	D7G250221-002	
	520	510	mg/L	0.97	(0-20)	MCAWW 160.1	07/30/07	7211582

Dilution Factor: 1 Analysis Time..: 14:15

METHOD BLANK REPORT

Severn Trent Laboratories - Radiochemistry

Client Lot ID: D7G250192
Matrix: WATER

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	RL	MDC		Prep Date	Lab Sample ID Analysis Date
TRITIUM (Distill) by EPA 906.0 MOD			**pCi/L**	**Batch #**	**7211298**	**Yld %**		**F7G300000-298B**
Tritium	70	U	200	500	370		08/02/07	08/03/07

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined using instrument performance only
Bold results are greater than the MDC

U Result is less than the sample detection limit.

Laboratory Control Sample Report

Severn Trent Laboratories - Radiochemistry

Client Lot ID: D7G250192
Matrix: WATER

Parameter	Spike Amount	Result	Total Uncert. (2 σ+/-)	MDC	% Yld	% Rec	Lab Sample ID / QC Control Limits
TRITIUM (Distill) by EPA 906.0 MOD			**pCi/L**	**906.0 MOD**			**F7G300000-298C**
Tritium	5110	4370	590	380		85	(77 - 115)
	Batch #:	7211298		**Analysis Date:**	08/03/07		

NOTE(S)

MDC is determined by instrument performance only
Calculations are performed before rounding to avoid round-off error in calculated results

Bhate Environmental Associates

Client Sample ID: INTRA-LAB QC

Severn Trent Laboratories - Radiochemistry

Lab Sample ID: D7G240162-003
Work Order: J3FT4
Matrix: WATER

Date Collected: 07/21/07 0910
Date Received: 07/24/07 0900

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	RL	MDC	Prep Date	Analysis Date
TRITIUM (Distill) by EPA 906.0 MOD			**pCi/L**			**Batch # 7211298**	**Yld %**
Tritium	-20	U	540	500	370	08/02/07	08/03/07

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.
Bold results are greater than the MDC
U Result is less than the sample detection limit.

Bhate Environmental Associates

Client Sample ID: INTRA-LAB QC

Severn Trent Laboratories - Radiochemistry

Lab Sample ID: D7G240162-012
Work Order: J3FV7
Matrix: WATER

Date Collected: 07/23/07 0920
Date Received: 07/24/07 0900

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	RL	MDC	Prep Date	Analysis Date
TRITIUM (Distill) by EPA 906.0 MOD			**pCi/L**			**Batch # 7211298**	**Yld %**
Tritium	30	U	220	500	380	08/02/07	08/03/07

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.
Bold results are greater than the MDC
U Result is less than the sample detection limit.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE REPORT

Severn Trent Laboratories - Radiochemistry

Client Lot ID: D7G240162
Matrix: WATER

Date Sampled: 07/21/07 0910
Date Received: 07/24/07 0900

Parameter		Spike Amount	SPIKE Result	Total Uncert. (2 σ+/-)	Spike Yld	SAMPLE Result		Total Uncert. (2σ +/-)	% Yld	QC Sample ID %Rec	QC Control Limits
TRITIUM (Distill) by EPA 90				**pCi/L**		**906.0 MOD**				**D7G240162-003**	
Tritium		5110	4840	640		-20	U	540		95	(59 - 137)
	Spk2	5110	4810	630		-20	U	540		94	(59 - 137)
									Precision:	0.6	%RPD
		Batch #: 7213092			**Analysis date:**		08/03/07				
TRITIUM (Distill) by EPA 90				**pCi/L**		**906.0 MOD**				**D7G240162-012**	
Tritium		5110	4820	630		30	U	220		94	(59 - 137)
	Spk2	5110	4960	650		30	U	220		96	(59 - 137)
									Precision:	3	%RPD
		Batch #: 7213092			**Analysis date:**		08/03/07				

NOTE(S)

Data are incomplete without the case narrative.

Calculations are performed before rounding to avoid round-off error in calculated results

U Result is less than the sample detection limit.

5.7°C
7/25/07 FR

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Environmental Associates, Inc.
1608 13th Avenue South, Suite 300
Birmingham, Alabama 35205
Tel: 205-918-4000
Fax: 205-918-4050

Chain of Custody and Analytical Request

Page 1 of 1 (Coolers 5)

Project Number: 9050361

Chain of Custody Number (1): 1

LIMS Number:

Facility/Base I.D.: Hollaman AFB

Project Name / Site Name: ACM - OT32, OT37

Client Name: USACE

Collected by: Craig McGriff, Derrick Berry, Barnard Wolfe, Zack Beck

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOC 8260B	SVOC 8270C	TDS 160.1	Tr. Trium 906.0M	TAL Metals 6010B/7470A	RCRA Metals 6010B/7470A	PCBs 8082	Pesticides 8260	TPH 8015M	Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
OT32-TMW03		24-July-2007	0830	-	N		WG	8	X	X	X	X	X								1
OT32-TMW02		24-July-2007	0940	-	N		WG	8	X	X	X	X	X								1
OT32-TMW01		24-July-2007	1030	-	N		WG	8	X	X	X	X	X								2
OT37-SB13-25-d		24-July-2007	0930	20 - 25	EB		WG	13	X	X				X	X	X	X				3
OT37-SB13-5		24-July-2007	0900	0 - 5	N		SO	7	X	X				X	X	X	X				4
OT37-SB13-25		24-July-2007	0930	20 - 25	N		SO	7	X	X				X	X	X	X				4
OT37-SB10-5		24-July-2007	1045	0 - 5	N		SO	7	X	X				X	X	X	X				5
OT37-SB10-30		24-July-2007	1100	25 - 30	N		SO	7	X	X				X	X	X	X				5
OT37-SB10-30a		24-July-2007	1100	25 - 30	FD		SO	7	X	X				X	X	X	X				5

COMMENTS: Trip Blanks in Every Cooler (1-5). 2 trip blanks per pack, VOC analysis (WQ - 2 containers - VOC)

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1. [signature]	7/24/07	1500	1. [signature]	7/25/07	0900
2.			2.		
3.			3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab: _____ Shipped No.: _____
Method of Shipment: _____ Airbill Number: _____
Analytical Lab: _____ Delivery Location: _____
Lab Recipient: _____ Delivery Date/Time: _____

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)
2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)
3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)
4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc.), SQ = Soil Blanks
5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.
6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control)

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1608 13th Avenue South, Suite 300
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Tel: 205-918-4000
Fax: 205-918-4050

5.3°C 7/25/07 IP1

Chain of Custody and Analytical Request

Page 1 of 1 (Cooler 4)

Project Number: 9050361

Chain of Custody Number [1]: 1

LIMS Number:

Facility/Base I.D.: Hollaman AFB

Project Name / Site Name: ACM - OT32, OT37

Client Name: USACE

Collected by: Craig McGriff, Derrick Barry, Brandon Wolfe, Zack Rock

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code [2]	Sample Number [3]	Sample Matrix [4]	Number of containers	VOC 8260B	SVOC 8270C	TDS 160.1	T-Trium 906.0M	TAL Metals 6010B/7470A	RCRA Metals 6010B/7470A	PCBs 8082	Pesticides 8260	TPH 8015M	Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
OT32-TMW03		24-July-2007	0830	-	N		WG	8	X	X	X	X	X								1
OT32-TMW02		24-July-2007	0940	-	N		WG	8	X	X	X	X	X								1
OT32-TMW01		24-July-2007	1030	-	N		WG	8	X	X	X	X	X								2
OT37-SB13-25-d		24-July-2007	0930	20 - 25	EB		WG	13	X	X				X	X	X	X				3
OT37-SB13-5		24-July-2007	0900	0 - 5	N		SO	7	X	X				X	X	X	X				4
OT37-SB13-25		24-July-2007	0930	20 - 25	N		SO	7	X	X				X	X	X	X				4
OT37-SB10-5		24-July-2007	1045	0 - 5	N		SO	7	X	X				X	X	X	X				5
OT37-SB10-30		24-July-2007	1100	25 - 30	N		SO	7	X	X				X	X	X	X				5
OT37-SB10-30a		24-July-2007	1100	25 - 30	FD		SO	7	X	X				X	X	X	X				5

COMMENTS: Trip Blanks in every cooler (1-5), 2 trip blanks per pack, VOC analysis (WQ - 2 containers - VOC)

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1. [signature]	7/24/07	1500	1. [signature]	7/25/07	0900
2.			2.		
3.			3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab: _____ Shipped No.: _____
Method of Shipment: _____ Airbill Number: _____
Analytical Lab: _____ Delivery Location: _____
Lab Recipient: Delivery Date/Time:

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7/25/07 IRI

Chain of Custody and Analytical Request

Project Number: 9050361

Chain of Custody Number [1]: 1

LIMS Number:

Facility/Base I.D.: Hollaman AFB

Project Name / Site Name: ACM - OT32, OT37

Client Name: USACE

Collected by: Craig Neriff, Derrick Barry, Brandon Wade, Zack Beck

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code [2]	Sample Number [3]	Sample Matrix [4]	Number of containers	VOC 8260B	SVOC 8270C	TDS 160.1	Tr. trium 906.0M	TAL Metals 6010B/7470A	RCRA Metals 6010B/7470A	PCBs 8082	Perchlorates 6860	TPH 8015M	Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
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OT32-TMW02		24-July-2007	0940	-	N		WG	8	X	X	X	X	X								1
OT32-TMW01		24-July-2007	1030	-	N		WG	8	X	X	X	X	X								2
OT37-SB13-25-d		24-July-2007	0930	20 - 25	EB		WG	13	X	X				X	X	X	X				3
OT37-SB13-5		24-July-2007	0900	0 - 5	N		SO	7	X	X				X	X	X	X				4
OT37-SB13-25		24-July-2007	0930	20 - 25	N		SO	7	X	X				X	X	X	X				4
OT37-SB10-5		24-July-2007	1045	0 - 5	N		SO	7	X	X				X	X	X	X				5
OT37-SB10-30		24-July-2007	1100	25 - 30	N		SO	7	X	X				X	X	X	X				5
OT37-SB10-30a		24-July-2007	1100	25 - 30	FD		SO	7	X	X				X	X	X	X				5

COMMENTS: Trip Blanks in every cooler (1-5), 2 trip blanks per pack, VOC analysis (WQ - 2 containers - VOC)

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1. [signature]	7/24/07	1500	1. [signature]	7/25/07	0900
2.			2.		
3.			3.		

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Chain of Custody and Analytical Request

Project Number: 9050361

Chain of Custody Number [1]: 1

LIMS Number:

Facility/Base I.D.: Hollloman AFB

Project Name / Site Name: ACM - OT32, OT37

Client Name: USACE

Collected by: Craig McGriff, Derrick Berry, Barrow Wade, Zack Beck

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code [2]	Sample Number [3]	Sample Matrix [4]	Number of containers	VOC 8260B	SVOC 8270C	TDS 160.1	Tr. Trium 906.0M	TAL Metals 6010B/7470A	RCRA Metals 6010B/7470A	PCBs 8082	Benchmarks 6860	TPH 8015M	Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
OT32-TMW03		24-July-2007	0830	-	N		WG	8	X	X	X	X	X								1
OT32-TMW02		24-July-2007	0940	-	N		WG	8	X	X	X	X	X								1
OT32-TMW01		24-July-2007	1030	-	N		WG	8	X	X	X	X	X								2
OT37-SB13-25-d		24-July-2007	0930	20 - 25	EB		WG	13	X	X				X	X	X	X				3
OT37-SB13-5		24-July-2007	0900	0 - 5	N		SO	7	X	X				X	X	X	X				4
OT37-SB13-25		24-July-2007	0930	20 - 25	N		SO	7	X	X				X	X	X	X				4
OT37-SB10-5		24-July-2007	1045	0 - 5	N		SO	7	X	X				X	X	X	X				5
OT37-SB10-30		24-July-2007	1100	25 - 30	N		SO	7	X	X				X	X	X	X				5
OT37-SB10-30a		24-July-2007	1100	25 - 30	FD		SO	7	X	X				X	X	X	X				5

COMMENTS: Trip Blanks in every cooler (1-5). 2 trip blanks per pack, VOC analysis (WQ - 2 containers - VOC)

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1. [signature]	7/24/07	1500	1. [signature]	7/25/07	0900
2.			2.		
3.			3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab: _____ Shipped No.: _____
Method of Shipment: _____ Airbill Number: _____
Analytical Lab: _____ Delivery Location: _____
Lab Recipient: _____ Delivery Date/Time: _____

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Chain of Custody and Analytical Request

Project Number: 9050361

Chain of Custody Number (1): 1

LIMS Number:

Facility/Base I.D.: Hollaman AFB

Project Name / Site Name: ACM - OT32, OT37

Client Name: USACE

Collected by: Craig McGriff, Derrick Berry, Barrow Wolfe, Zack Rock

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOC 8260B	SVOC 8270C	TDS	Tr. Hrs 160.1	TAL Metals 6010B/7470A	RCRA Metals 6010B/7470A	PCBs 8082	Perchlorates 6860	TPH 8015M	Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
OT32-TMW03		24-July-2007	0830	-	N		WG	8	X	X	X	X	X								1
OT32-TMW02		24-July-2007	0940	-	N		WG	8	X	X	X	X	X								1
OT32-TMW01		24-July-2007	1030	-	N		WG	8	X	X	X	X	X								2
OT37-SB13-25-d		24-July-2007	0930	20 - 25	EB		WG	13	X	X				X	X	X	X				3
OT37-SB13-5		24-July-2007	0900	0 - 5	N		SO	7	X	X				X	X	X	X				4
OT37-SB13-25		24-July-2007	0930	20 - 25	N		SO	7	X	X				X	X	X	X				4
OT37-SB10-5		24-July-2007	1045	0 - 5	N		SO	7	X	X				X	X	X	X				5
OT37-SB10-30		24-July-2007	1100	25 - 30	N		SO	7	X	X				X	X	X	X				5
OT37-SB10-30a		24-July-2007	1100	25 - 30	FD		SO	7	X	X				X	X	X	X				5

COMMENTS: Trip Blanks in every cooler (1-5), 2 trip blanks per pack, VOC analysis (WQ — 2 containers — VOC)

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1. [signature]	7/24/07	1500	1. [signature]	7/25/07	0900
2.			2.		
3.			3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab: _____ Shipped No.: _____
Method of Shipment: _____ Airbill Number: _____
Analytical Lab: _____ Delivery Location: _____
Lab Recipient: _____ Delivery Date/Time: _____

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)
2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)
3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)
4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc.), SQ = Soil Blanks
5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.
6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control)

DISTRIBUTION: WHITE COPY - Project File YELLOW COPY - Lab Copy PINK COPY - Working File

STL

STL Denver
4955 Yarrow Street
Arvada, CO 80002

Tel: 303 736 0100 Fax: 303 431 7171
www.stl-inc.com

ANALYTICAL REPORT

Holloman AFB, NM

Lot D7G260168

Marcia Olive

Bhate Environmental Associates, Inc.
445 Union Blvd.
Suite 129
Lakewood, CO 80226

TestAmerica DENVER

Michael P. Phillips

Michael P. Phillips
Project Manager

August 15, 2007

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Leaders in Environmental Testing

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CASE NARRATIVE
D7G260168

The following report contains the analytical results for five water samples, four solid samples, one equipment blank, and seven trip blanks submitted to TestAmerica Denver by Bhate Environmental Associates, Inc. from the Holloman AFB Site. The samples were received July 26, 2007, according to documented sample acceptance procedures.

Dilution factors and footnotes have been provided on each data sheet to assist in the interpretation of the results. In some cases, due to interferences or analytes present above the linear calibration curve, samples must be analyzed at a dilution. For samples analyzed at a dilution, the reporting limits are adjusted relative to the dilution required. Dilutions made for reasons other than the presence of target compound(s) are addressed in the Supplemental Information Section.

TestAmerica Denver utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameters listed on the methods summary page in accordance with the methods indicated. A summary of QC data for these analyses is included near the end of the report.

The results included in this report have been reviewed for compliance with the laboratory QA/QC plan and meet all requirements of NELAC. All data have been found to be compliant with laboratory protocol, with the exception of any items noted below.

Supplemental QC Information

Sample Arrival and Receipt

The samples presented in this report were received at the laboratory in good condition and at temperatures of 4.1°C, 5.1°C, 5.3°C, 4.4°C, 4.3°C, 4.9°C, and 5.6°C.

The 8015 DRO volume received for sample OT37-SB09-10-d arrived in sulfuric acid-preserved containers. In order to perform the requested analysis, unpreserved volume was taken from other bottles received for this sample.

No other anomalies were observed.

GC/MS Volatiles, SW846 Method 8260B

The Trip Blanks associated with Cooler 1, Cooler 2, Cooler 5, and Cooler 7 contained no detectable concentrations of the target analytes.

Methylene chloride was detected in the Trip Blank associated with Cooler 3 and Cooler 6 at a concentration below the project established reporting limit.

Acetone and Methylene Chloride were detected in the Trip Blank associated with Cooler 4 at a concentration below the project established reporting limit.

Methylene Chloride and 2-Butanone were detected in the Method Blank associated with batch 7215229 at concentrations below the project established reporting limits. No corrective action is taken for any values in Method Blanks that are below the requested reporting limits.

The LCS recovery for n-Propylbenzene in batch 7215229 was within the control limit. However, N-Propylbenzene was outside current historical or program control limits in the LCSD, but the recovery was within allowed Marginal Exceedance controls. All associated samples were non-detect for N-Propylbenzene, no further corrective action was performed.

MS/MSD analyses were performed using a sample from another client and/or lot for batch 7215154 and exhibited recoveries outside the control limits for twenty-one compounds. Because the corresponding Laboratory Control Samples and the Method Blank samples were within control limits, these anomalies may be due to matrix interference and no corrective action was taken.

The method required MS/MSD could not be performed for batch 7215229, due to insufficient sample volume submitted. The acceptable LCS analyte recoveries provide evidence that the laboratory is performing the method within acceptable guidelines.

No other anomalies were observed.

GC/MS Semivolatiles, SW846 Method 8270C

MS/MSD analyses were performed using sample OT37-SB15-10 for batch 7208097 and all results were in control.

The method required MS/MSD could not be performed for batch 7208174, due to insufficient sample volume submitted. The acceptable LCS analyte recoveries provide evidence that the laboratory is performing the method within acceptable guidelines.

No other anomalies were observed.

GRO/TVPH, SW846 Method 8015B

GRO/TEPH was detected in the Method Blank associated with batch 7218276 at a concentration below the project established reporting limit. No corrective action is taken for any values in Method Blanks that are below the requested reporting limits.

Sample OT37-SB09-10-d was received with insufficient preservation. The 8015 GRO method requires that samples for volatile organics analysis are preserved with HCL to pH <2. This sample had a pH of approximately 7.

MS/MSD analyses were performed using sample OT37-SB15-10 for batch 7218276 and all results were in control.

MS/MSD analyses were performed using a sample from another client and/or lot for batch 7211389 and all results were in control.

No other anomalies were observed.

DRO/ORO/TEPH, SW846 Method 8015B

DRO/TEPH was detected in the Method Blank associated with QC batches 7207555 and 7208105 at concentrations below the project established reporting limits. No corrective action is taken for any values in Method Blanks that are below the requested reporting limits.

MS/MSD analyses were performed using sample OT37-SB15-10 for batch 7208105 and all results were in control.

The method required MS/MSD could not be performed for batch 7207555, due to insufficient sample volume submitted. The acceptable LCS analyte recoveries provide evidence that the laboratory is performing the method within acceptable guidelines.

No other anomalies were observed.

Organochlorine Pesticides, SW846 Method 8081

The Continuing Calibration Verification (CCV) standard(s) associated with samples OT20-MW01 and OT20-MW02 in batch 7207478 exhibited %Difference (%D) values out of range for Endrin. The overall mean %D is within control limits; therefore, method criteria have been met and corrective action is deemed unnecessary.

The method required MS/MSD could not be performed for batch 7207478, due to insufficient sample volume submitted. Method precision and accuracy have been verified by the acceptable LCS/LCSD analysis data.

No other anomalies were observed.

PCBs, SW846 Method 8082

MS/MSD analyses were performed using sample OT37-SB15-10 for batch 7212113 and all results were in control.

The method required MS/MSD could not be performed for batch 7207430, due to insufficient sample volume submitted. Method precision and accuracy have been verified by the acceptable LCS/LCSD analysis data.

No other anomalies were observed.

Herbicides, SW846 Method 8151A

For sample OT20-MW01, the relative percent difference between the primary and confirmation columns exceeded 40% for 2,4-DB and Dichlorprop. The lower of the two results is reported and the result is flagged with "COL". For sample OT20-MW02, the relative percent difference between the primary and confirmation columns exceeded 40% for Dalapon. The lower of the two results is reported and the result is flagged with "COL".

The LCS/LCSD associated with batch 7211117 exhibited a LCSD percent recovery and RPD above the QC limit for Dinoseb. This is an indicator that data may be biased high. As no detectable concentrations are present in the associated samples, corrective action is deemed unnecessary. The LCS/LCSD for method 8151A exhibited RPD data outside the QC limits for 2,4-D, and 2,4,5-T. The individual LCS and LCSD recoveries were acceptable; however the LCSD was recovered at the low end of the recovery limit range and the LCS was recovered at the high end of the recovery limit range, causing the RPD to be out of control. The acceptable LCS/LCSD analyte recoveries indicate that the laboratory performed the method within acceptable guidelines; therefore, corrective action is deemed unnecessary.

The method required MS/MSD could not be performed for batch 7211117, due to insufficient sample volume submitted. A duplicate LCS(LCSD) was analyzed to provide some evidence of batch precision. .

No other anomalies were observed.

Perchlorate, SW846 Method 6860

MS/MSD analyses were performed using sample OT37-SB09-15 for batch 7212140 and exhibited spike recoveries outside the control limits for Perchlorate. Because the corresponding Laboratory Control Sample and the Method Blank sample were within control limits, this anomaly may be due to matrix interference and no corrective action was taken.

Laboratory generated matrix spike analysis data have been provided. The MS/MSD associated with batch 7213214 exhibited a spike compound recovery outside the QC limits. The

acceptable LCS analysis data indicated that the analytical system was operating within control; therefore, corrective action is deemed unnecessary.

No other anomalies were observed.

Total Metals, SW846 Methods 6010B/7470A/7471A

Each sample is analyzed to achieve the lowest possible reporting limits within the constraints of the methods. Due to the presence of interfering matrix, sample OT20-MW02 was analyzed at a dilution. The reporting limits have been adjusted relative to the dilution required.

Calcium and Zinc were detected in the Method Blank associated with batch 7208138 at concentrations below the project established reporting limits. No corrective action is taken for any values in Method Blanks that are below the requested reporting limits.

MS/MSD analyses were performed using a sample from another client and/or lot and exhibited recoveries outside the control limits for Lead and Thallium. In addition, the percent recoveries and RPD data could not be calculated for Calcium, Magnesium, and Sodium due to the sample concentrations reading greater than four times the spike amounts. Because the corresponding Laboratory Control Samples and the Method Blank samples were within control limits, these anomalies may be due to matrix interference and no corrective action was taken.

No other anomalies were observed.

Total Dissolved Solids and Percent Moisture – MCAWW 160.1 and 160.3MOD

Each sample is analyzed to achieve the lowest possible reporting limit within the constraints of the method. Due to high constituent concentrations, samples RW42-MW01, SS18-MW04, OT20-MW01, and OT20-MW02 had to be analyzed at dilutions for Total Dissolved Solids. The reporting limits have been adjusted relative to the dilutions required.

No other anomalies were observed.

Tritium – EPA 906.0 MOD

No anomalies were observed.

EXECUTIVE SUMMARY - Detection Highlights

D7G260168

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
RW42-MW01 07/24/07 14:55 001				
Barium	25	10	ug/L	SW846 6010B
Calcium	690000 J	200	ug/L	SW846 6010B
Cadmium	0.70 B	5.0	ug/L	SW846 6010B
Copper	180	15	ug/L	SW846 6010B
Potassium	9500	3000	ug/L	SW846 6010B
Magnesium	590000	200	ug/L	SW846 6010B
Manganese	48	10	ug/L	SW846 6010B
Sodium	2700000	1000	ug/L	SW846 6010B
Selenium	6.5 B	15	ug/L	SW846 6010B
Vanadium	7.1 B	10	ug/L	SW846 6010B
Zinc	20 J	20	ug/L	SW846 6010B
Tritium	4.2	5.0	pCi/L	EPA 906.0 MOD
	Qualifiers: J,E+0,1			
Total Dissolved Solids	13000 Q	50	mg/L	MCAWW 160.1
0T37-SB15-10 07/24/07 12:00 002				
Diesel Range Organics (C10-C22	1.8 J,B	4.3	mg/kg	SW846 8015B
Gasoline Range Organics	0.95 J,B	1.3	mg/kg	SW846 8015B
Perchlorate	1300	1100	ng/kg	SW846 6860
Barium	35	1.1	mg/kg	SW846 6010B
Cadmium	0.14 B	0.54	mg/kg	SW846 6010B
Chromium	4.6	1.6	mg/kg	SW846 6010B
Arsenic	1.8 B	2.1	mg/kg	SW846 6010B
Lead	3.1	0.86	mg/kg	SW846 6010B
2-Butanone (MEK)	11 J,B	22	ug/kg	SW846 8260B
Percent Moisture	6.6	0.10	%	MCAWW 160.3 MOD
0T37-SB15-30 07/24/07 12:15 003				
Diesel Range Organics (C10-C22	2.0 J,B	4.8	mg/kg	SW846 8015B
Gasoline Range Organics	1.0 J,B	1.4	mg/kg	SW846 8015B
Perchlorate	1900	1200	ng/kg	SW846 6860
Barium	120	1.2	mg/kg	SW846 6010B
Cadmium	0.11 B	0.60	mg/kg	SW846 6010B
Chromium	17	1.8	mg/kg	SW846 6010B
Arsenic	4.7	2.4	mg/kg	SW846 6010B
Lead	8.5	0.96	mg/kg	SW846 6010B
2-Butanone (MEK)	9.6 J,B	20	ug/kg	SW846 8260B
Percent Moisture	17	0.10	%	MCAWW 160.3 MOD

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

D7G260168

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
0T37-SB09-15 07/24/07 13:45 004				
Diesel Range Organics (C10-C22	2.0 J,B	4.7	mg/kg	SW846 8015B
Gasoline Range Organics	1.0 J,B	1.4	mg/kg	SW846 8015B
Perchlorate	890 J	1200	ng/kg	SW846 6860
Barium	21	1.2	mg/kg	SW846 6010B
Chromium	2.6	1.8	mg/kg	SW846 6010B
Lead	1.9	0.93	mg/kg	SW846 6010B
2-Butanone (MEK)	12 J,B	26	ug/kg	SW846 8260B
Percent Moisture	14	0.10	%	MCAWW 160.3 MOD
0T37-SB09-30 07/24/07 14:00 005				
Diesel Range Organics (C10-C22	2.0 J,B	4.7	mg/kg	SW846 8015B
Gasoline Range Organics	0.90 J,B	1.4	mg/kg	SW846 8015B
Perchlorate	280 J	1200	ng/kg	SW846 6860
Barium	55	1.2	mg/kg	SW846 6010B
Cadmium	0.049 B	0.59	mg/kg	SW846 6010B
Chromium	11	1.8	mg/kg	SW846 6010B
Arsenic	10	2.3	mg/kg	SW846 6010B
Lead	4.8	0.94	mg/kg	SW846 6010B
2-Butanone (MEK)	10 J,B	21	ug/kg	SW846 8260B
Percent Moisture	15	0.10	%	MCAWW 160.3 MOD
0T37-SB09-10-d 07/24/07 12:30 006				
Diesel Range Organics (C10-C22	0.048 J,B	0.25	mg/L	SW846 8015B
Barium	3.1 B	10	ug/L	SW846 6010B
bis(2-Ethylhexyl) phthalate	3.1 J	10	ug/L	SW846 8270C
0T32-TMW05 07/25/07 10:30 007				
Tritium	1.4	5.0	pCi/L	EPA 906.0 MOD
	Qualifiers: J,E+0,2			
TRIP BLANK-COOLER3 07/25/07 010				
Methylene chloride	0.33 J	5.0	ug/L	SW846 8260B
TRIP BLANK-COOLER4 07/25/07 011				
Acetone	2.4 J	10	ug/L	SW846 8260B
Methylene chloride	0.35 J	5.0	ug/L	SW846 8260B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

D7G260168

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SS18-MW04 07/25/07 10:30 012				
Barium	48	10	ug/L	SW846 6010B
Calcium	590000 J	200	ug/L	SW846 6010B
Cadmium	1.6 B	5.0	ug/L	SW846 6010B
Cobalt	5.0 B	10	ug/L	SW846 6010B
Copper	11 B	15	ug/L	SW846 6010B
Iron	68 B	100	ug/L	SW846 6010B
Potassium	22000	3000	ug/L	SW846 6010B
Magnesium	290000	200	ug/L	SW846 6010B
Manganese	450	10	ug/L	SW846 6010B
Sodium	1100000	1000	ug/L	SW846 6010B
Nickel	21 B	40	ug/L	SW846 6010B
Lead	5.8 B	9.0	ug/L	SW846 6010B
Selenium	6.2 B	15	ug/L	SW846 6010B
Vanadium	37	10	ug/L	SW846 6010B
Zinc	59 J	20	ug/L	SW846 6010B
bis(2-Ethylhexyl) phthalate	5.5 J	10	ug/L	SW846 8270C
Benzene	0.25 J	1.0	ug/L	SW846 8260B
Chloroform	4.7	1.0	ug/L	SW846 8260B
Chloromethane	0.33 J	2.0	ug/L	SW846 8260B
1,1-Dichloroethane	22	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	1.2	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	40	1.0	ug/L	SW846 8260B
Methylene chloride	0.68 J	5.0	ug/L	SW846 8260B
Total Dissolved Solids	5400 Q	20	mg/L	MCAWW 160.1
OT20-MW01 07/25/07 11:55 013				
Dalapon	6.2	2.0	ug/L	SW846 8151A
2,4-DB	0.34	4.0	ug/L	SW846 8151A
	Qualifiers: J,COL			
Dichlorprop	0.56	4.0	ug/L	SW846 8151A
	Qualifiers: J,COL			
MCPP	92 J	400	ug/L	SW846 8151A
Barium	50	10	ug/L	SW846 6010B
Cadmium	1.4 B	5.0	ug/L	SW846 6010B
Chromium	3.2 B	10	ug/L	SW846 6010B
bis(2-Ethylhexyl) phthalate	1.2 J	10	ug/L	SW846 8270C
Methylene chloride	0.38 J	5.0	ug/L	SW846 8260B
Total Dissolved Solids	30000 Q	500	mg/L	MCAWW 160.1

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

D7G260168

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
0T20-MW02 07/25/07 12:35 014				
Dalapon	2.4 COL	2.0	ug/L	SW846 8151A
MCPP	120 J	400	ug/L	SW846 8151A
Barium	51	10	ug/L	SW846 6010B
Cadmium	1.4 B	5.0	ug/L	SW846 6010B
Selenium	8.0 B	15	ug/L	SW846 6010B
Chloromethane	0.49 J	2.0	ug/L	SW846 8260B
Methylene chloride	0.42 J	5.0	ug/L	SW846 8260B
Tetrachloroethene	56	1.0	ug/L	SW846 8260B
Trichloroethene	0.27 J	1.0	ug/L	SW846 8260B
Total Dissolved Solids	64000 Q	1000	mg/L	MCAWW 160.1
TRIP BLANK-COOLER6 07/25/07 016				
Methylene chloride	0.32 J	5.0	ug/L	SW846 8260B

METHODS SUMMARY

D7G260168

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Chlorinated Herbicides by GC	SW846 8151A	SW846 8151A
Extractable Petroleum Hydrocarbons	SW846 8015B	SW846 3510
Extractable Petroleum Hydrocarbons	SW846 8015B	SW846 3550B
Filterable Residue (TDS)	MCAWW 160.1	MCAWW 160.1
H-3 by Distillation & LSC	EPA 906.0 MOD	
Inductively Coupled Plasma (ICP) Metals	SW846 6010B	SW846 3010A
Inductively Coupled Plasma (ICP) Metals	SW846 6010B	SW846 3050B
Mercury in Liquid Waste (Manual Cold-Vapor)	SW846 7470A	SW846 7470A
Mercury in Solid Waste (Manual Cold-Vapor)	SW846 7471A	SW846 7471A
Organochlorine Pesticides	SW846 8081A	SW846 3510C
Percent Moisture	MCAWW 160.3 MOD	MCAWW 160.3 MOD
PCBs by SW-846 8082	SW846 8082	SW846 3510C
PCBs by SW-846 8082	SW846 8082	SW846 3550
Semivolatile Organic Compounds by GC/MS	SW846 8270C	SW846 3520C
Semivolatile Organic Compounds by GC/MS	SW846 8270C	SW846 3550B
SW846 6860 Perchlorate	SW846 6860	SW846 6860
Volatile Organics by GC/MS	SW846 8260B	SW846 5030B/826
Volatile Organics by GC/MS	SW846 8260B	SW846 5035
Volatile Petroleum Hydrocarbons	SW846 8015B	SW846 5030
Volatile Petroleum Hydrocarbons	SW846 8015B	SW846 5035

References:

EPA "EASTERN ENVIRONMENTAL RADIATION FACILITY RADIOCHEMISTRY PROCEDURES MANUAL" US EPA EPA 520/5-84-006 AUGUST 1984

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

METHOD / ANALYST SUMMARY

D7G260168

ANALYTICAL METHOD	ANALYST	ANALYST ID
EPA 906.0 MOD	Staci Epkins	402630
MCAWW 160.1	ReAnna Davis	002266
MCAWW 160.3 MOD	Christopher Grisdale	9582
SW846 6010B	Janel Motichka	002862
SW846 6010B	Lynn-Anne Trudell	006645
SW846 6010B	Lynn-Anne Trudell	6645
SW846 6860	Tim O'Donnell	000443
SW846 7470A	David Wells	5099
SW846 7471A	David Wells	5099
SW846 8015B	Adam Pavlakovich	003128
SW846 8015B	Heather Dybas	038161
SW846 8081A	Carrie Lahr	008835
SW846 8082	Teresa L. Williams	002510
SW846 8151A	Lynnae Garrett	003781
SW846 8260B	Dan Appelhans	001008
SW846 8260B	Greg Meier	006004
SW846 8270C	Daniel Kiekel	011370
SW846 8270C	Mike G. Hoffman	001880

References:

EPA "EASTERN ENVIRONMENTAL RADIATION FACILITY RADIOCHEMISTRY PROCEDURES MANUAL" US EPA · EPA 520/5-84-006 AUGUST 1984

MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

D7G260168

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
J3LF5	001	RW42-MW01	07/24/07	14:55
J3LF8	002	0T37-SB15-10	07/24/07	12:00
J3LGA	003	0T37-SB15-30	07/24/07	12:15
J3LGC	004	0T37-SB09-15	07/24/07	13:45
J3LGG	005	0T37-SB09-30	07/24/07	14:00
J3LGH	006	0T37-SB09-10-d	07/24/07	12:30
J3LGL	007	0T32-TMW05	07/25/07	10:30
J3LGQ	008	TRIP BLANK-COOLER1	07/25/07	
J3LGT	009	TRIP BLANK-COOLER2	07/25/07	
J3LGW	010	TRIP BLANK-COOLER3	07/25/07	
J3LG0	011	TRIP BLANK-COOLER4	07/25/07	
J3LG3	012	SS18-MW04	07/25/07	10:30
J3LG7	013	0T20-MW01	07/25/07	11:55
J3LG9	014	0T20-MW02	07/25/07	12:35
J3LHC	015	TRIP BLANK-COOLER5	07/25/07	
J3LHF	016	TRIP BLANK-COOLER6	07/25/07	
J3LHH	017	TRIP BLANK-COOLER7	07/25/07	

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

Bhate Environmental Associates

Client Sample ID: RW42-MW01

GC/MS Volatiles

Lot-Sample #...: D7G260168-001 **Work Order #...:** J3LF51A5 **Matrix.....:** WG
Date Sampled...: 07/24/07 14:55 **Date Received..:** 07/26/07
Prep Date.....: 08/02/07 **Analysis Date..:** 08/02/07
Prep Batch #...: 7215254 **Analysis Time..:** 14:56
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.9
Benzene	ND	1.0	ug/L	0.16
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	1.0	ug/L	0.19
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	ND	6.0	ug/L	1.8
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	2.0	ug/L	0.30
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	1.0	ug/L	0.14
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	ND	5.0	ug/L	1.4
Methylene chloride	ND	5.0	ug/L	0.32
4-Methyl-2-pentanone	ND	5.0	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.32

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Bhate Environmental Associates

Client Sample ID: RW42-MW01

GC/MS Volatiles

Lot-Sample #...: D7G260168-001 **Work Order #...:** J3LF51A5 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	ND	1.0	ug/L	0.17
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	108	(77 - 119)
1,2-Dichloroethane-d4	105	(70 - 127)
4-Bromofluorobenzene	106	(78 - 118)
Toluene-d8	106	(83 - 125)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: 0T37-SB15-10

GC/MS Volatiles

Lot-Sample #...: D7G260168-002 **Work Order #...:** J3LF81AQ **Matrix.....:** SO
Date Sampled...: 07/24/07 12:00 **Date Received..:** 07/26/07
Prep Date.....: 07/26/07 **Analysis Date..:** 08/02/07
Prep Batch #...: 7215229 **Analysis Time..:** 17:53
Dilution Factor: 1.03

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	22	ug/kg	5.9
Benzene	ND	5.5	ug/kg	0.52
Bromodichloromethane	ND	5.5	ug/kg	0.24
Bromoform	ND	5.5	ug/kg	0.25
Bromomethane	ND	11	ug/kg	0.55
2-Butanone (MEK)	**11 J,B**	**22**	**ug/kg**	**2.0**
Carbon tetrachloride	ND	5.5	ug/kg	0.70
Chlorobenzene	ND	5.5	ug/kg	0.60
Chloroethane	ND	11	ug/kg	0.98
Chloroform	ND	11	ug/kg	0.32
Chloromethane	ND	11	ug/kg	0.85
Dibromomethane	ND	5.5	ug/kg	0.93
1,2-Dibromoethane (EDB)	ND	5.5	ug/kg	0.57
1,2-Dichlorobenzene	ND	5.5	ug/kg	0.50
1,3-Dichlorobenzene	ND	5.5	ug/kg	0.53
1,4-Dichlorobenzene	ND	5.5	ug/kg	0.86
Dichlorodifluoromethane	ND	11	ug/kg	0.57
1,1-Dichloroethane	ND	5.5	ug/kg	0.23
1,2-Dichloroethane	ND	5.5	ug/kg	0.77
1,1-Dichloroethene	ND	5.5	ug/kg	0.65
1,2-Dichloroethene (total)	ND	5.5	ug/kg	0.43
cis-1,2-Dichloroethene	ND	2.8	ug/kg	0.62
trans-1,2-Dichloroethene	ND	2.8	ug/kg	0.43
1,2-Dichloropropane	ND	5.5	ug/kg	0.61
cis-1,3-Dichloropropene	ND	5.5	ug/kg	1.4
trans-1,3-Dichloropropene	ND	5.5	ug/kg	0.74
Ethylbenzene	ND	5.5	ug/kg	0.74
2-Hexanone	ND	22	ug/kg	5.4
Methylene chloride	ND	5.5	ug/kg	0.83
4-Methyl-2-pentanone	ND	22	ug/kg	4.8
Styrene	ND	5.5	ug/kg	0.70
1,1,1,2-Tetrachloroethane	ND	5.5	ug/kg	0.62
1,1,2,2-Tetrachloroethane	ND	5.5	ug/kg	0.67
Tetrachloroethene	ND	5.5	ug/kg	0.65
Toluene	ND	5.5	ug/kg	0.76
1,2,4-Trichloro-benzene	ND	5.5	ug/kg	0.81

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Bhate Environmental Associates

Client Sample ID: 0T37-SB15-10

GC/MS Volatiles

Lot-Sample #...: D7G260168-002 **Work Order #...:** J3LF81AQ **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	5.5	ug/kg	0.57
1,1,2-Trichloroethane	ND	5.5	ug/kg	0.97
Trichloroethene	ND	5.5	ug/kg	0.25
Trichlorofluoromethane	ND	11	ug/kg	1.1
1,2,3-Trichloropropane	ND	5.5	ug/kg	0.89
Vinyl chloride	ND	5.5	ug/kg	1.5
Xylenes (total)	ND	5.5	ug/kg	0.67
n-Butylbenzene	ND	5.5	ug/kg	0.62
sec-Butylbenzene	ND	5.5	ug/kg	0.85
Isopropylbenzene	ND	5.5	ug/kg	0.65
1,2,4-Trimethylbenzene	ND	5.5	ug/kg	0.64
1,3,5-Trimethylbenzene	ND	5.5	ug/kg	0.63
n-Propylbenzene	ND	5.5	ug/kg	0.64
tert-Butylbenzene	ND	5.5	ug/kg	0.55
Dibromochloromethane	ND	5.5	ug/kg	0.63
2-Chlorotoluene	ND	5.5	ug/kg	0.56
4-Chlorotoluene	ND	5.5	ug/kg	0.86
1,2-Dibromo-3-chloropropane (DBCP)	ND	11	ug/kg	0.66
1,3-Dichloropropane	ND	5.5	ug/kg	0.56
2,2-Dichloropropane	ND	5.5	ug/kg	0.49
1,1-Dichloropropene	ND	5.5	ug/kg	0.60
Hexachlorobutadiene	ND	5.5	ug/kg	0.61
4-Isopropyltoluene	ND	5.5	ug/kg	0.54
Methyl tert-butyl ether	ND	22	ug/kg	0.38
1,2,3-Trichlorobenzene	ND	5.5	ug/kg	0.83
m-Xylene & p-Xylene	ND	2.8	ug/kg	1.1
o-Xylene	ND	2.8	ug/kg	0.67
Bromobenzene	ND	5.5	ug/kg	0.54
Bromochloromethane	ND	5.5	ug/kg	0.33
Naphthalene	ND	5.5	ug/kg	0.70

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	118	(75 - 121)
1,2-Dichloroethane-d4	98	(58 - 140)
4-Bromofluorobenzene	112	(76 - 127)
Toluene-d8	114	(80 - 126)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: 0T37-SB15-30

GC/MS Volatiles

Lot-Sample #...: D7G260168-003 **Work Order #...:** J3LGA1AQ **Matrix.....:** SO
Date Sampled...: 07/24/07 12:15 **Date Received..:** 07/26/07
Prep Date.....: 07/26/07 **Analysis Date..:** 08/02/07
Prep Batch #...: 7215229 **Analysis Time..:** 18:17
Dilution Factor: 0.84

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	20	ug/kg	5.4
Benzene	ND	5.0	ug/kg	0.47
Bromodichloromethane	ND	5.0	ug/kg	0.22
Bromoform	ND	5.0	ug/kg	0.23
Bromomethane	ND	10	ug/kg	0.50
2-Butanone (MEK)	**9.6 J,B**	**20**	**ug/kg**	**1.8**
Carbon tetrachloride	ND	5.0	ug/kg	0.63
Chlorobenzene	ND	5.0	ug/kg	0.54
Chloroethane	ND	10	ug/kg	0.90
Chloroform	ND	10	ug/kg	0.29
Chloromethane	ND	10	ug/kg	0.78
Dibromomethane	ND	5.0	ug/kg	0.85
1,2-Dibromoethane (EDB)	ND	5.0	ug/kg	0.52
1,2-Dichlorobenzene	ND	5.0	ug/kg	0.45
1,3-Dichlorobenzene	ND	5.0	ug/kg	0.48
1,4-Dichlorobenzene	ND	5.0	ug/kg	0.79
Dichlorodifluoromethane	ND	10	ug/kg	0.52
1,1-Dichloroethane	ND	5.0	ug/kg	0.21
1,2-Dichloroethane	ND	5.0	ug/kg	0.71
1,1-Dichloroethene	ND	5.0	ug/kg	0.59
1,2-Dichloroethene (total)	ND	5.0	ug/kg	0.39
cis-1,2-Dichloroethene	ND	2.5	ug/kg	0.56
trans-1,2-Dichloroethene	ND	2.5	ug/kg	0.39
1,2-Dichloropropane	ND	5.0	ug/kg	0.55
cis-1,3-Dichloropropene	ND	5.0	ug/kg	1.3
trans-1,3-Dichloropropene	ND	5.0	ug/kg	0.67
Ethylbenzene	ND	5.0	ug/kg	0.67
2-Hexanone	ND	20	ug/kg	4.9
Methylene chloride	ND	5.0	ug/kg	0.76
4-Methyl-2-pentanone	ND	20	ug/kg	4.4
Styrene	ND	5.0	ug/kg	0.63
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	0.56
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	0.61
Tetrachloroethene	ND	5.0	ug/kg	0.59
Toluene	ND	5.0	ug/kg	0.69
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	0.74

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Bhate Environmental Associates

Client Sample ID: 0T37-SB15-30

GC/MS Volatiles

Lot-Sample #...: D7G260168-003 **Work Order #...:** J3LGA1AQ **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	5.0	ug/kg	0.52
1,1,2-Trichloroethane	ND	5.0	ug/kg	0.89
Trichloroethene	ND	5.0	ug/kg	0.23
Trichlorofluoromethane	ND	10	ug/kg	1.0
1,2,3-Trichloropropane	ND	5.0	ug/kg	0.82
Vinyl chloride	ND	5.0	ug/kg	1.3
Xylenes (total)	ND	5.0	ug/kg	0.61
n-Butylbenzene	ND	5.0	ug/kg	0.56
sec-Butylbenzene	ND	5.0	ug/kg	0.78
Isopropylbenzene	ND	5.0	ug/kg	0.59
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	0.58
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	0.57
n-Propylbenzene	ND	5.0	ug/kg	0.58
tert-Butylbenzene	ND	5.0	ug/kg	0.50
Dibromochloromethane	ND	5.0	ug/kg	0.57
2-Chlorotoluene	ND	5.0	ug/kg	0.51
4-Chlorotoluene	ND	5.0	ug/kg	0.79
1,2-Dibromo-3-chloropropane (DBCP)	ND	10	ug/kg	0.60
1,3-Dichloropropane	ND	5.0	ug/kg	0.51
2,2-Dichloropropane	ND	5.0	ug/kg	0.44
1,1-Dichloropropene	ND	5.0	ug/kg	0.54
Hexachlorobutadiene	ND	5.0	ug/kg	0.55
4-Isopropyltoluene	ND	5.0	ug/kg	0.49
Methyl tert-butyl ether	ND	20	ug/kg	0.34
1,2,3-Trichlorobenzene	ND	5.0	ug/kg	0.76
m-Xylene & p-Xylene	ND	2.5	ug/kg	1.0
o-Xylene	ND	2.5	ug/kg	0.61
Bromobenzene	ND	5.0	ug/kg	0.49
Bromochloromethane	ND	5.0	ug/kg	0.30
Naphthalene	ND	5.0	ug/kg	0.63

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	117	(75 - 121)
1,2-Dichloroethane-d4	95	(58 - 140)
4-Bromofluorobenzene	109	(76 - 127)
Toluene-d8	113	(80 - 126)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: 0T37-SB09-15

GC/MS Volatiles

Lot-Sample #...: D7G260168-004 **Work Order #...:** J3LGC1AQ **Matrix.....:** SO
Date Sampled...: 07/24/07 13:45 **Date Received..:** 07/26/07
Prep Date.....: 07/26/07 **Analysis Date..:** 08/02/07
Prep Batch #...: 7215229 **Analysis Time..:** 18:40
Dilution Factor: 1.13

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	26	ug/kg	7.1
Benzene	ND	6.6	ug/kg	0.62
Bromodichloromethane	ND	6.6	ug/kg	0.29
Bromoform	ND	6.6	ug/kg	0.30
Bromomethane	ND	13	ug/kg	0.66
2-Butanone (MEK)	**12 J,B**	**26**	**ug/kg**	**2.4**
Carbon tetrachloride	ND	6.6	ug/kg	0.83
Chlorobenzene	ND	6.6	ug/kg	0.71
Chloroethane	ND	13	ug/kg	1.2
Chloroform	ND	13	ug/kg	0.38
Chloromethane	ND	13	ug/kg	1.0
Dibromomethane	ND	6.6	ug/kg	1.1
1,2-Dibromoethane (EDB)	ND	6.6	ug/kg	0.69
1,2-Dichlorobenzene	ND	6.6	ug/kg	0.59
1,3-Dichlorobenzene	ND	6.6	ug/kg	0.63
1,4-Dichlorobenzene	ND	6.6	ug/kg	1.0
Dichlorodifluoromethane	ND	13	ug/kg	0.69
1,1-Dichloroethane	ND	6.6	ug/kg	0.28
1,2-Dichloroethane	ND	6.6	ug/kg	0.92
1,1-Dichloroethene	ND	6.6	ug/kg	0.78
1,2-Dichloroethene (total)	ND	6.6	ug/kg	0.51
cis-1,2-Dichloroethene	ND	3.3	ug/kg	0.74
trans-1,2-Dichloroethene	ND	3.3	ug/kg	0.51
1,2-Dichloropropane	ND	6.6	ug/kg	0.73
cis-1,3-Dichloropropene	ND	6.6	ug/kg	1.7
trans-1,3-Dichloropropene	ND	6.6	ug/kg	0.88
Ethylbenzene	ND	6.6	ug/kg	0.88
2-Hexanone	ND	26	ug/kg	6.4
Methylene chloride	ND	6.6	ug/kg	0.99
4-Methyl-2-pentanone	ND	26	ug/kg	5.7
Styrene	ND	6.6	ug/kg	0.83
1,1,1,2-Tetrachloroethane	ND	6.6	ug/kg	0.74
1,1,2,2-Tetrachloroethane	ND	6.6	ug/kg	0.80
Tetrachloroethene	ND	6.6	ug/kg	0.78
Toluene	ND	6.6	ug/kg	0.91
1,2,4-Trichloro-benzene	ND	6.6	ug/kg	0.96

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Bhate Environmental Associates

Client Sample ID: 0T37-SB09-15

GC/MS Volatiles

Lot-Sample #...: D7G260168-004 **Work Order #...:** J3LGC1AQ **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	6.6	ug/kg	0.69
1,1,2-Trichloroethane	ND	6.6	ug/kg	1.2
Trichloroethene	ND	6.6	ug/kg	0.30
Trichlorofluoromethane	ND	13	ug/kg	1.4
1,2,3-Trichloropropane	ND	6.6	ug/kg	1.1
Vinyl chloride	ND	6.6	ug/kg	1.8
Xylenes (total)	ND	6.6	ug/kg	0.80
n-Butylbenzene	ND	6.6	ug/kg	0.74
sec-Butylbenzene	ND	6.6	ug/kg	1.0
Isopropylbenzene	ND	6.6	ug/kg	0.78
1,2,4-Trimethylbenzene	ND	6.6	ug/kg	0.76
1,3,5-Trimethylbenzene	ND	6.6	ug/kg	0.75
n-Propylbenzene	ND	6.6	ug/kg	0.76
tert-Butylbenzene	ND	6.6	ug/kg	0.66
Dibromochloromethane	ND	6.6	ug/kg	0.75
2-Chlorotoluene	ND	6.6	ug/kg	0.67
4-Chlorotoluene	ND	6.6	ug/kg	1.0
1,2-Dibromo-3-chloropropane (DBCP)	ND	13	ug/kg	0.79
1,3-Dichloropropane	ND	6.6	ug/kg	0.67
2,2-Dichloropropane	ND	6.6	ug/kg	0.58
1,1-Dichloropropene	ND	6.6	ug/kg	0.71
Hexachlorobutadiene	ND	6.6	ug/kg	0.73
4-Isopropyltoluene	ND	6.6	ug/kg	0.65
Methyl tert-butyl ether	ND	26	ug/kg	0.45
1,2,3-Trichlorobenzene	ND	6.6	ug/kg	0.99
m-Xylene & p-Xylene	ND	3.3	ug/kg	1.4
o-Xylene	ND	3.3	ug/kg	0.80
Bromobenzene	ND	6.6	ug/kg	0.65
Bromochloromethane	ND	6.6	ug/kg	0.40
Naphthalene	ND	6.6	ug/kg	0.83

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	117	(75 - 121)
1,2-Dichloroethane-d4	97	(58 - 140)
4-Bromofluorobenzene	109	(76 - 127)
Toluene-d8	112	(80 - 126)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: 0T37-SB09-30

GC/MS Volatiles

Lot-Sample #...: D7G260168-005 **Work Order #...:** J3LGG1AQ **Matrix.....:** SO
Date Sampled...: 07/24/07 14:00 **Date Received..:** 07/26/07
Prep Date.....: 07/26/07 **Analysis Date..:** 08/02/07
Prep Batch #...: 7215229 **Analysis Time..:** 19:03
Dilution Factor: 0.91

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	21	ug/kg	5.7
Benzene	ND	5.3	ug/kg	0.50
Bromodichloromethane	ND	5.3	ug/kg	0.23
Bromoform	ND	5.3	ug/kg	0.25
Bromomethane	ND	11	ug/kg	0.53
2-Butanone (MEK)	**10 J,B**	**21**	**ug/kg**	**2.0**
Carbon tetrachloride	ND	5.3	ug/kg	0.67
Chlorobenzene	ND	5.3	ug/kg	0.58
Chloroethane	ND	11	ug/kg	0.95
Chloroform	ND	11	ug/kg	0.31
Chloromethane	ND	11	ug/kg	0.82
Dibromomethane	ND	5.3	ug/kg	0.90
1,2-Dibromoethane (EDB)	ND	5.3	ug/kg	0.55
1,2-Dichlorobenzene	ND	5.3	ug/kg	0.48
1,3-Dichlorobenzene	ND	5.3	ug/kg	0.51
1,4-Dichlorobenzene	ND	5.3	ug/kg	0.83
Dichlorodifluoromethane	ND	11	ug/kg	0.55
1,1-Dichloroethane	ND	5.3	ug/kg	0.22
1,2-Dichloroethane	ND	5.3	ug/kg	0.75
1,1-Dichloroethene	ND	5.3	ug/kg	0.63
1,2-Dichloroethene (total)	ND	5.3	ug/kg	0.42
cis-1,2-Dichloroethene	ND	2.7	ug/kg	0.60
trans-1,2-Dichloroethene	ND	2.7	ug/kg	0.42
1,2-Dichloropropane	ND	5.3	ug/kg	0.59
cis-1,3-Dichloropropene	ND	5.3	ug/kg	1.4
trans-1,3-Dichloropropene	ND	5.3	ug/kg	0.71
Ethylbenzene	ND	5.3	ug/kg	0.71
2-Hexanone	ND	21	ug/kg	5.2
Methylene chloride	ND	5.3	ug/kg	0.80
4-Methyl-2-pentanone	ND	21	ug/kg	4.6
Styrene	ND	5.3	ug/kg	0.67
1,1,1,2-Tetrachloroethane	ND	5.3	ug/kg	0.60
1,1,2,2-Tetrachloroethane	ND	5.3	ug/kg	0.65
Tetrachloroethene	ND	5.3	ug/kg	0.63
Toluene	ND	5.3	ug/kg	0.74
1,2,4-Trichloro-benzene	ND	5.3	ug/kg	0.78

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Bhate Environmental Associates

Client Sample ID: 0T37-SB09-30

GC/MS Volatiles

Lot-Sample #...: D7G260168-005 **Work Order #...:** J3LGG1AQ **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	5.3	ug/kg	0.55
1,1,2-Trichloroethane	ND	5.3	ug/kg	0.94
Trichloroethene	ND	5.3	ug/kg	0.25
Trichlorofluoromethane	ND	11	ug/kg	1.1
1,2,3-Trichloropropane	ND	5.3	ug/kg	0.86
Vinyl chloride	ND	5.3	ug/kg	1.4
Xylenes (total)	ND	5.3	ug/kg	0.65
n-Butylbenzene	ND	5.3	ug/kg	0.60
sec-Butylbenzene	ND	5.3	ug/kg	0.82
Isopropylbenzene	ND	5.3	ug/kg	0.63
1,2,4-Trimethylbenzene	ND	5.3	ug/kg	0.62
1,3,5-Trimethylbenzene	ND	5.3	ug/kg	0.61
n-Propylbenzene	ND	5.3	ug/kg	0.62
tert-Butylbenzene	ND	5.3	ug/kg	0.53
Dibromochloromethane	ND	5.3	ug/kg	0.61
2-Chlorotoluene	ND	5.3	ug/kg	0.54
4-Chlorotoluene	ND	5.3	ug/kg	0.83
1,2-Dibromo-3-chloropropane (DBCP)	ND	11	ug/kg	0.64
1,3-Dichloropropane	ND	5.3	ug/kg	0.54
2,2-Dichloropropane	ND	5.3	ug/kg	0.47
1,1-Dichloropropene	ND	5.3	ug/kg	0.58
Hexachlorobutadiene	ND	5.3	ug/kg	0.59
4-Isopropyltoluene	ND	5.3	ug/kg	0.52
Methyl tert-butyl ether	ND	21	ug/kg	0.36
1,2,3-Trichlorobenzene	ND	5.3	ug/kg	0.80
m-Xylene & p-Xylene	ND	2.7	ug/kg	1.1
o-Xylene	ND	2.7	ug/kg	0.65
Bromobenzene	ND	5.3	ug/kg	0.52
Bromochloromethane	ND	5.3	ug/kg	0.32
Naphthalene	ND	5.3	ug/kg	0.67

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	121	(75 - 121)
1,2-Dichloroethane-d4	100	(58 - 140)
4-Bromofluorobenzene	111	(76 - 127)
Toluene-d8	114	(80 - 126)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: 0T37-SB09-10-d

GC/MS Volatiles

Lot-Sample #...: D7G260168-006 **Work Order #...:** J3LGH1AP **Matrix.....:** WQ
Date Sampled...: 07/24/07 12:30 **Date Received..:** 07/26/07
Prep Date.....: 08/02/07 **Analysis Date..:** 08/02/07
Prep Batch #...: 7215254 **Analysis Time..:** 15:15
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.9
Benzene	ND	1.0	ug/L	0.16
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	1.0	ug/L	0.19
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	ND	6.0	ug/L	1.8
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	2.0	ug/L	0.30
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	1.0	ug/L	0.14
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	ND	5.0	ug/L	1.4
Methylene chloride	ND	5.0	ug/L	0.32
4-Methyl-2-pentanone	ND	5.0	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.32

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Bhate Environmental Associates

Client Sample ID: 0T37-SB09-10-d

GC/MS Volatiles

Lot-Sample #...: D7G260168-006 **Work Order #...:** J3LGH1AP **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	ND	1.0	ug/L	0.17
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	108	(77 - 119)
1,2-Dichloroethane-d4	108	(70 - 127)
4-Bromofluorobenzene	99	(78 - 118)
Toluene-d8	105	(83 - 125)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: TRIP BLANK-COOLER1

GC/MS Volatiles

Lot-Sample #...: D7G260168-008 **Work Order #...:** J3LGQ1AA **Matrix.....:** WQ
Date Sampled...: 07/25/07 **Date Received..:** 07/26/07
Prep Date.....: 08/02/07 **Analysis Date..:** 08/02/07
Prep Batch #...: 7215254 **Analysis Time..:** 15:33
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.9
Benzene	ND	1.0	ug/L	0.16
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	1.0	ug/L	0.19
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	ND	6.0	ug/L	1.8
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	2.0	ug/L	0.30
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	1.0	ug/L	0.14
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	ND	5.0	ug/L	1.4
Methylene chloride	ND	5.0	ug/L	0.32
4-Methyl-2-pentanone	ND	5.0	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.32

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Bhate Environmental Associates

Client Sample ID: TRIP BLANK-COOLER1

GC/MS Volatiles

Lot-Sample #...: D7G260168-008 **Work Order #...:** J3LGQ1AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	ND	1.0	ug/L	0.17
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	102	(77 - 119)
1,2-Dichloroethane-d4	96	(70 - 127)
4-Bromofluorobenzene	102	(78 - 118)
Toluene-d8	106	(83 - 125)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: TRIP BLANK-COOLER2

GC/MS Volatiles

Lot-Sample #...: D7G260168-009 **Work Order #...:** J3LGT1AA **Matrix.....:** WQ
Date Sampled...: 07/25/07 **Date Received..:** 07/26/07
Prep Date.....: 08/02/07 **Analysis Date..:** 08/02/07
Prep Batch #...: 7215254 **Analysis Time..:** 15:52
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.9
Benzene	ND	1.0	ug/L	0.16
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	1.0	ug/L	0.19
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	ND	6.0	ug/L	1.8
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	2.0	ug/L	0.30
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	1.0	ug/L	0.14
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	ND	5.0	ug/L	1.4
Methylene chloride	ND	5.0	ug/L	0.32
4-Methyl-2-pentanone	ND	5.0	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.32

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Bhate Environmental Associates

Client Sample ID: TRIP BLANK-COOLER2

GC/MS Volatiles

Lot-Sample #...: D7G260168-009 **Work Order #...:** J3LGT1AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	ND	1.0	ug/L	0.17
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	100	(77 - 119)
1,2-Dichloroethane-d4	96	(70 - 127)
4-Bromofluorobenzene	100	(78 - 118)
Toluene-d8	107	(83 - 125)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: TRIP BLANK-COOLER3

GC/MS Volatiles

Lot-Sample #...: D7G260168-010 **Work Order #...:** J3LGW1AA **Matrix.....:** WQ
Date Sampled...: 07/25/07 **Date Received..:** 07/26/07
Prep Date.....: 08/02/07 **Analysis Date..:** 08/02/07
Prep Batch #...: 7215254 **Analysis Time..:** 16:10
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.9
Benzene	ND	1.0	ug/L	0.16
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	1.0	ug/L	0.19
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	ND	6.0	ug/L	1.8
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	2.0	ug/L	0.30
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	1.0	ug/L	0.14
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	ND	5.0	ug/L	1.4
Methylene chloride	**0.33 J**	**5.0**	**ug/L**	**0.32**
4-Methyl-2-pentanone	ND	5.0	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.32

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Bhate Environmental Associates

Client Sample ID: TRIP BLANK-COOLER3

GC/MS Volatiles

Lot-Sample #...: D7G260168-010 **Work Order #...:** J3LGW1AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	ND	1.0	ug/L	0.17
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	99	(77 - 119)
1,2-Dichloroethane-d4	97	(70 - 127)
4-Bromofluorobenzene	98	(78 - 118)
Toluene-d8	113	(83 - 125)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: TRIP BLANK-COOLER4

GC/MS Volatiles

Lot-Sample #...: D7G260168-011 **Work Order #...:** J3LG01AA **Matrix.....:** WQ
Date Sampled...: 07/25/07 **Date Received..:** 07/26/07
Prep Date.....: 08/02/07 **Analysis Date..:** 08/02/07
Prep Batch #...: 7215254 **Analysis Time..:** 16:29
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	**2.4 J**	**10**	**ug/L**	**1.9**
Benzene	ND	1.0	ug/L	0.16
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	1.0	ug/L	0.19
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	ND	6.0	ug/L	1.8
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	2.0	ug/L	0.30
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	1.0	ug/L	0.14
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	ND	5.0	ug/L	1.4
Methylene chloride	**0.35 J**	**5.0**	**ug/L**	**0.32**
4-Methyl-2-pentanone	ND	5.0	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.32

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Bhate Environmental Associates

Client Sample ID: TRIP BLANK-COOLER4

GC/MS Volatiles

Lot-Sample #...: D7G260168-011 **Work Order #...:** J3LG01AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	ND	1.0	ug/L	0.17
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	102	(77 - 119)
1,2-Dichloroethane-d4	97	(70 - 127)
4-Bromofluorobenzene	112	(78 - 118)
Toluene-d8	109	(83 - 125)

NOTE(S):

J Estimated result. Result is less than RL.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: SS18-MW04

GC/MS Volatiles

Lot-Sample #...: D7G260168-012 **Work Order #...:** J3LG31A5 **Matrix.....:** WG
Date Sampled...: 07/25/07 10:30 **Date Received..:** 07/26/07
Prep Date.....: 08/02/07 **Analysis Date..:** 08/02/07
Prep Batch #...: 7215254 **Analysis Time..:** 16:47
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.9
Benzene	**0.25 J**	**1.0**	**ug/L**	**0.16**
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	1.0	ug/L	0.19
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	ND	6.0	ug/L	1.8
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	**4.7**	**1.0**	**ug/L**	**0.16**
Chloromethane	**0.33 J**	**2.0**	**ug/L**	**0.30**
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	**22**	**1.0**	**ug/L**	**0.16**
1,2-Dichloroethane	**1.2**	**1.0**	**ug/L**	**0.13**
1,1-Dichloroethene	**40**	**1.0**	**ug/L**	**0.14**
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	ND	5.0	ug/L	1.4
Methylene chloride	**0.68 J**	**5.0**	**ug/L**	**0.32**
4-Methyl-2-pentanone	ND	5.0	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.32

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Bhate Environmental Associates

Client Sample ID: SS18-MW04

GC/MS Volatiles

Lot-Sample #...: D7G260168-012 **Work Order #...:** J3LG31A5 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	ND	1.0	ug/L	0.17
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	103	(77 - 119)
1,2-Dichloroethane-d4	106	(70 - 127)
4-Bromofluorobenzene	100	(78 - 118)
Toluene-d8	100	(83 - 125)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: 0T20-MW01

GC/MS Volatiles

Lot-Sample #...: D7G260168-013 **Work Order #...:** J3LG71AQ **Matrix.....:** WG
Date Sampled...: 07/25/07 11:55 **Date Received..:** 07/26/07
Prep Date.....: 08/02/07 **Analysis Date..:** 08/02/07
Prep Batch #...: 7215254 **Analysis Time..:** 17:06
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.9
Benzene	ND	1.0	ug/L	0.16
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	1.0	ug/L	0.19
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	ND	6.0	ug/L	1.8
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	2.0	ug/L	0.30
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	1.0	ug/L	0.14
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	ND	5.0	ug/L	1.4
Methylene chloride	**0.38 J**	**5.0**	**ug/L**	**0.32**
4-Methyl-2-pentanone	ND	5.0	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.32

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Bhate Environmental Associates

Client Sample ID: 0T20-MW01

GC/MS Volatiles

Lot-Sample #...: D7G260168-013 **Work Order #...:** J3LG71AQ **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	ND	1.0	ug/L	0.17
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	107	(77 - 119)
1,2-Dichloroethane-d4	104	(70 - 127)
4-Bromofluorobenzene	103	(78 - 118)
Toluene-d8	102	(83 - 125)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: 0T20-MW02

GC/MS Volatiles

Lot-Sample #...: D7G260168-014 **Work Order #...:** J3LG91AQ **Matrix.....:** WG
Date Sampled...: 07/25/07 12:35 **Date Received..:** 07/26/07
Prep Date.....: 08/02/07 **Analysis Date..:** 08/02/07
Prep Batch #...: 7215254 **Analysis Time..:** 17:24
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.9
Benzene	ND	1.0	ug/L	0.16
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	1.0	ug/L	0.19
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	ND	6.0	ug/L	1.8
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	**0.49 J**	**2.0**	**ug/L**	**0.30**
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	1.0	ug/L	0.14
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	ND	5.0	ug/L	1.4
Methylene chloride	**0.42 J**	**5.0**	**ug/L**	**0.32**
4-Methyl-2-pentanone	ND	5.0	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	**56**	**1.0**	**ug/L**	**0.20**
Toluene	ND	1.0	ug/L	0.17
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.32

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Bhate Environmental Associates

Client Sample ID: 0T20-MW02

GC/MS Volatiles

Lot-Sample #...: D7G260168-014 **Work Order #...:** J3LG91AQ **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	**0.27 J**	**1.0**	**ug/L**	**0.16**
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	ND	1.0	ug/L	0.17
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	112	(77 - 119)
1,2-Dichloroethane-d4	114	(70 - 127)
4-Bromofluorobenzene	101	(78 - 118)
Toluene-d8	93	(83 - 125)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: TRIP BLANK-COOLER5

GC/MS Volatiles

Lot-Sample #...: D7G260168-015
Date Sampled...: 07/25/07
Prep Date.....: 08/02/07
Prep Batch #...: 7215254
Dilution Factor: 1

Work Order #...: J3LHC1AA
Date Received..: 07/26/07
Analysis Date..: 08/02/07
Analysis Time..: 17:42

Matrix.....: WQ

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.9
Benzene	ND	1.0	ug/L	0.16
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	1.0	ug/L	0.19
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	ND	6.0	ug/L	1.8
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	2.0	ug/L	0.30
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	1.0	ug/L	0.14
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	ND	5.0	ug/L	1.4
Methylene chloride	ND	5.0	ug/L	0.32
4-Methyl-2-pentanone	ND	5.0	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.32

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Bhate Environmental Associates

Client Sample ID: TRIP BLANK-COOLER5

GC/MS Volatiles

Lot-Sample #...: D7G260168-015 **Work Order #...:** J3LHC1AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	ND	1.0	ug/L	0.17
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	105	(77 - 119)
1,2-Dichloroethane-d4	104	(70 - 127)
4-Bromofluorobenzene	105	(78 - 118)
Toluene-d8	112	(83 - 125)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: TRIP BLANK-COOLER6

GC/MS Volatiles

Lot-Sample #...: D7G260168-016
Date Sampled...: 07/25/07
Prep Date.....: 08/02/07
Prep Batch #...: 7215254
Dilution Factor: 1

Work Order #...: J3LHF1AA
Date Received..: 07/26/07
Analysis Date..: 08/02/07
Analysis Time..: 18:01

Matrix.....: WQ

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.9
Benzene	ND	1.0	ug/L	0.16
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	1.0	ug/L	0.19
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	ND	6.0	ug/L	1.8
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	2.0	ug/L	0.30
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	1.0	ug/L	0.14
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	ND	5.0	ug/L	1.4
Methylene chloride	**0.32 J**	**5.0**	**ug/L**	**0.32**
4-Methyl-2-pentanone	ND	5.0	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.32

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Bhate Environmental Associates

Client Sample ID: TRIP BLANK-COOLER6

GC/MS Volatiles

Lot-Sample #...: D7G260168-016 **Work Order #...:** J3LHF1AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	ND	1.0	ug/L	0.17
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	93	(77 - 119)
1,2-Dichloroethane-d4	92	(70 - 127)
4-Bromofluorobenzene	101	(78 - 118)
Toluene-d8	104	(83 - 125)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: TRIP BLANK-COOLER7

GC/MS Volatiles

Lot-Sample #...: D7G260168-017 **Work Order #...:** J3LHH1AA **Matrix.....:** WQ
Date Sampled...: 07/25/07 **Date Received..:** 07/26/07
Prep Date.....: 08/02/07 **Analysis Date..:** 08/02/07
Prep Batch #...: 7215254 **Analysis Time..:** 18:19
Dilution Factor: 1

Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acetone	ND	10	ug/L	1.9
Benzene	ND	1.0	ug/L	0.16
Bromodichloromethane	ND	1.0	ug/L	0.17
Bromoform	ND	1.0	ug/L	0.19
Bromomethane	ND	2.0	ug/L	0.21
2-Butanone (MEK)	ND	6.0	ug/L	1.8
Carbon tetrachloride	ND	1.0	ug/L	0.19
Chlorobenzene	ND	1.0	ug/L	0.17
Chloroethane	ND	2.0	ug/L	0.41
Chloroform	ND	1.0	ug/L	0.16
Chloromethane	ND	2.0	ug/L	0.30
Dibromomethane	ND	1.0	ug/L	0.17
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	0.18
1,2-Dichlorobenzene	ND	1.0	ug/L	0.13
1,3-Dichlorobenzene	ND	1.0	ug/L	0.16
1,4-Dichlorobenzene	ND	1.0	ug/L	0.16
Dichlorodifluoromethane	ND	2.0	ug/L	0.31
1,1-Dichloroethane	ND	1.0	ug/L	0.16
1,2-Dichloroethane	ND	1.0	ug/L	0.13
1,1-Dichloroethene	ND	1.0	ug/L	0.14
1,2-Dichloroethene (total)	ND	1.0	ug/L	0.15
cis-1,2-Dichloroethene	ND	1.0	ug/L	0.15
trans-1,2-Dichloroethene	ND	1.0	ug/L	0.15
1,2-Dichloropropane	ND	1.0	ug/L	0.13
cis-1,3-Dichloropropene	ND	1.0	ug/L	0.16
trans-1,3-Dichloropropene	ND	1.0	ug/L	0.19
Ethylbenzene	ND	1.0	ug/L	0.16
2-Hexanone	ND	5.0	ug/L	1.4
Methylene chloride	ND	5.0	ug/L	0.32
4-Methyl-2-pentanone	ND	5.0	ug/L	0.49
Styrene	ND	1.0	ug/L	0.17
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	0.17
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	0.20
Tetrachloroethene	ND	1.0	ug/L	0.20
Toluene	ND	1.0	ug/L	0.17
1,2,4-Trichloro-benzene	ND	1.0	ug/L	0.32

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Bhate Environmental Associates

Client Sample ID: TRIP BLANK-COOLER7

GC/MS Volatiles

Lot-Sample #...: D7G260168-017 **Work Order #...:** J3LHH1AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
1,1,1-Trichloroethane	ND	1.0	ug/L	0.16
1,1,2-Trichloroethane	ND	1.0	ug/L	0.32
Trichloroethene	ND	1.0	ug/L	0.16
Trichlorofluoromethane	ND	2.0	ug/L	0.29
1,2,3-Trichloropropane	ND	1.0	ug/L	0.27
Vinyl chloride	ND	1.0	ug/L	0.17
Xylenes (total)	ND	2.0	ug/L	0.19
n-Butylbenzene	ND	1.0	ug/L	0.14
sec-Butylbenzene	ND	1.0	ug/L	0.17
Isopropylbenzene	ND	1.0	ug/L	0.19
1,2,4-Trimethylbenzene	ND	1.0	ug/L	0.14
1,3,5-Trimethylbenzene	ND	1.0	ug/L	0.14
n-Propylbenzene	ND	1.0	ug/L	0.16
tert-Butylbenzene	ND	1.0	ug/L	0.16
Dibromochloromethane	ND	1.0	ug/L	0.17
2-Chlorotoluene	ND	1.0	ug/L	0.17
4-Chlorotoluene	ND	1.0	ug/L	0.17
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	1.5
1,3-Dichloropropane	ND	1.0	ug/L	0.15
2,2-Dichloropropane	ND	5.0	ug/L	0.20
1,1-Dichloropropene	ND	1.0	ug/L	0.15
Hexachlorobutadiene	ND	1.0	ug/L	0.12
4-Isopropyltoluene	ND	1.0	ug/L	0.17
Methyl tert-butyl ether	ND	5.0	ug/L	0.25
1,2,3-Trichlorobenzene	ND	1.0	ug/L	0.18
m-Xylene & p-Xylene	ND	2.0	ug/L	0.34
o-Xylene	ND	1.0	ug/L	0.19
Bromobenzene	ND	1.0	ug/L	0.17
Bromochloromethane	ND	1.0	ug/L	0.10
Naphthalene	ND	1.0	ug/L	0.22

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	98	(77 - 119)
1,2-Dichloroethane-d4	95	(70 - 127)
4-Bromofluorobenzene	100	(78 - 118)
Toluene-d8	105	(83 - 125)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: RW42-MW01

GC/MS Semivolatiles

Lot-Sample #...: D7G260168-001 **Work Order #...:** J3LF51A3 **Matrix.....:** WG
Date Sampled...: 07/24/07 14:55 **Date Received..:** 07/26/07
Prep Date.....: 07/27/07 **Analysis Date..:** 08/07/07
Prep Batch #...: 7208174 **Analysis Time..:** 14:38
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	10	ug/L	0.28
Acenaphthylene	ND	10	ug/L	0.49
Acetophenone	ND	10	ug/L	0.41
Anthracene	ND	10	ug/L	0.42
Benzo(a)anthracene	ND	10	ug/L	0.35
Benzo(b)fluoranthene	ND	10	ug/L	0.39
Benzo(k)fluoranthene	ND	10	ug/L	0.46
Benzo(ghi)perylene	ND	10	ug/L	0.50
Benzo(a)pyrene	ND	10	ug/L	0.74
bis(2-Chloroethoxy) methane	ND	10	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	10	ug/L	0.41
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	0.56
4-Bromophenyl phenyl ether	ND	10	ug/L	0.43
Butyl benzyl phthalate	ND	20	ug/L	1.0
4-Chloroaniline	ND	20	ug/L	2.0
4-Chloro-3-methylphenol	ND	20	ug/L	2.0
2-Chloronaphthalene	ND	10	ug/L	0.31
2-Chlorophenol	ND	10	ug/L	0.38
4-Chlorophenyl phenyl ether	ND	10	ug/L	0.65
Chrysene	ND	10	ug/L	0.54
Dibenz(a,h)anthracene	ND	10	ug/L	0.51
Dibenzofuran	ND	10	ug/L	0.29
Di-n-butyl phthalate	ND	20	ug/L	1.2
3,3'-Dichlorobenzidine	ND	20	ug/L	2.0
2,4-Dichlorophenol	ND	10	ug/L	1.3
Diethyl phthalate	ND	20	ug/L	0.38
2,4-Dimethylphenol	ND	10	ug/L	0.57
Dimethyl phthalate	ND	20	ug/L	1.0
4,6-Dinitro-2-methylphenol	ND	60	ug/L	0.35
2,4-Dinitrophenol	ND	60	ug/L	20
2,4-Dinitrotoluene	ND	20	ug/L	0.25
2,6-Dinitrotoluene	ND	20	ug/L	0.23

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Bhate Environmental Associates

Client Sample ID: RW42-MW01

GC/MS Semivolatiles

Lot-Sample #...: D7G260168-001 **Work Order #...:** J3LF51A3 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	20	ug/L	0.35
Fluoranthene	ND	20	ug/L	0.20
Fluorene	ND	10	ug/L	0.31
Hexachlorobenzene	ND	10	ug/L	0.66
Hexachlorocyclopenta-diene	ND	10	ug/L	1.5
Hexachloroethane	ND	10	ug/L	0.46
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	0.65
2-Methylnaphthalene	ND	10	ug/L	0.29
2-Methylphenol	ND	10	ug/L	0.98
Naphthalene	ND	10	ug/L	0.29
2-Nitroaniline	ND	50	ug/L	0.32
3-Nitroaniline	ND	50	ug/L	2.0
4-Nitroaniline	ND	50	ug/L	1.0
Nitrobenzene	ND	20	ug/L	0.81
2-Nitrophenol	ND	20	ug/L	2.0
4-Nitrophenol	ND	50	ug/L	1.7
N-Nitrosodiphenylamine	ND	10	ug/L	0.44
N-Nitrosodi-n-propyl-amine	ND	20	ug/L	0.35
Pentachlorophenol	ND	60	ug/L	20
Phenanthrene	ND	10	ug/L	0.26
Phenol	ND	10	ug/L	0.31
Pyrene	ND	10	ug/L	0.37
2,4,5-Trichloro-phenol	ND	20	ug/L	0.39
2,4,6-Trichloro-phenol	ND	20	ug/L	0.37
bis(2-Chloroisopropyl) ether	ND	10	ug/L	0.43
4-Methylphenol	ND	20	ug/L	0.74
Hexachlorobutadiene	ND	10	ug/L	0.51
Caprolactam	ND	20	ug/L	5.0
Atrazine	ND	50	ug/L	5.0
Carbazole	ND	10	ug/L	0.43

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	74	(51 - 120)
Phenol-d5	77	(51 - 120)
Nitrobenzene-d5	77	(48 - 120)
2-Fluorobiphenyl	60	(49 - 120)
2,4,6-Tribromophenol	88	(57 - 120)
Terphenyl-d14	97	(61 - 120)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: 0T37-SB15-10

GC/MS Semivolatiles

Lot-Sample #...: D7G260168-002 **Work Order #...:** J3LF81AN **Matrix.....:** SO
Date Sampled...: 07/24/07 12:00 **Date Received..:** 07/26/07
Prep Date.....: 07/27/07 **Analysis Date..:** 08/03/07
Prep Batch #...: 7208097 **Analysis Time..:** 15:53
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	350	ug/kg	11
Acenaphthylene	ND	350	ug/kg	18
Acetophenone	ND	350	ug/kg	21
Anthracene	ND	350	ug/kg	18
Benzo(a)anthracene	ND	710	ug/kg	21
Benzo(b)fluoranthene	ND	710	ug/kg	28
Benzo(k)fluoranthene	ND	710	ug/kg	43
Benzo(ghi)perylene	ND	710	ug/kg	17
Benzo(a)pyrene	ND	710	ug/kg	21
bis(2-Chloroethoxy) methane	ND	350	ug/kg	25
bis(2-Chloroethyl)-ether	ND	710	ug/kg	18
bis(2-Ethylhexyl) phthalate	ND	710	ug/kg	49
4-Bromophenyl phenyl ether	ND	710	ug/kg	20
Butyl benzyl phthalate	ND	710	ug/kg	46
4-Chloroaniline	ND	1400	ug/kg	22
4-Chloro-3-methylphenol	ND	1400	ug/kg	26
2-Chloronaphthalene	ND	350	ug/kg	11
2-Chlorophenol	ND	710	ug/kg	22
4-Chlorophenyl phenyl ether	ND	710	ug/kg	22
Chrysene	ND	710	ug/kg	29
Dibenz(a,h)anthracene	ND	710	ug/kg	20
Dibenzofuran	ND	710	ug/kg	21
Di-n-butyl phthalate	ND	710	ug/kg	31
3,3'-Dichlorobenzidine	ND	1400	ug/kg	54
2,4-Dichlorophenol	ND	710	ug/kg	11
Diethyl phthalate	ND	710	ug/kg	28
2,4-Dimethylphenol	ND	710	ug/kg	28
Dimethyl phthalate	ND	710	ug/kg	25
4,6-Dinitro-2-methylphenol	ND	3500	ug/kg	54
2,4-Dinitrophenol	ND	3500	ug/kg	54
2,4-Dinitrotoluene	ND	710	ug/kg	25
2,6-Dinitrotoluene	ND	710	ug/kg	30

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Bhate Environmental Associates

Client Sample ID: 0T37-SB15-10

GC/MS Semivolatiles

Lot-Sample #...: D7G260168-002 **Work Order #...:** J3LF81AN **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	710	ug/kg	15
Fluoranthene	ND	710	ug/kg	39
Fluorene	ND	710	ug/kg	19
Hexachlorobenzene	ND	710	ug/kg	31
Hexachlorocyclopenta-diene	ND	710	ug/kg	54
Hexachloroethane	ND	710	ug/kg	23
Indeno(1,2,3-cd)pyrene	ND	710	ug/kg	24
2-Methylnaphthalene	ND	710	ug/kg	20
2-Methylphenol	ND	710	ug/kg	14
Naphthalene	ND	710	ug/kg	33
2-Nitroaniline	ND	3500	ug/kg	54
3-Nitroaniline	ND	3500	ug/kg	54
4-Nitroaniline	ND	3500	ug/kg	78
Nitrobenzene	ND	710	ug/kg	24
2-Nitrophenol	ND	710	ug/kg	11
4-Nitrophenol	ND	3500	ug/kg	46
N-Nitrosodiphenylamine	ND	710	ug/kg	22
N-Nitrosodi-n-propyl-amine	ND	710	ug/kg	33
Pentachlorophenol	ND	3500	ug/kg	120
Phenanthrene	ND	710	ug/kg	18
Phenol	ND	710	ug/kg	19
Pyrene	ND	710	ug/kg	13
2,4,5-Trichloro-phenol	ND	710	ug/kg	11
2,4,6-Trichloro-phenol	ND	710	ug/kg	11
bis(2-Chloroisopropyl) ether	ND	710	ug/kg	25
4-Methylphenol	ND	710	ug/kg	11
Hexachlorobutadiene	ND	710	ug/kg	11
Caprolactam	ND	1700	ug/kg	110
Atrazine	ND	350	ug/kg	40
Carbazole	ND	350	ug/kg	39

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	74	(53 - 120)
Phenol-d5	76	(52 - 120)
Nitrobenzene-d5	78	(50 - 120)
2-Fluorobiphenyl	79	(50 - 120)
2,4,6-Tribromophenol	80	(51 - 120)
Terphenyl-d14	101	(55 - 120)

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Bhate Environmental Associates

Client Sample ID: 0T37-SB15-10

GC/MS Semivolatiles

Lot-Sample #...: D7G260168-002 **Work Order #...:** J3LF81AN **Matrix.....:** SO

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: 0T37-SB15-30

GC/MS Semivolatiles

Lot-Sample #...: D7G260168-003 **Work Order #...:** J3LGA1AN **Matrix.....:** SO
Date Sampled...: 07/24/07 12:15 **Date Received..:** 07/26/07
Prep Date.....: 07/27/07 **Analysis Date..:** 08/03/07
Prep Batch #...: 7208097 **Analysis Time..:** 16:13
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	400	ug/kg	12
Acenaphthylene	ND	400	ug/kg	20
Acetophenone	ND	400	ug/kg	24
Anthracene	ND	400	ug/kg	20
Benzo(a)anthracene	ND	790	ug/kg	24
Benzo(b)fluoranthene	ND	790	ug/kg	31
Benzo(k)fluoranthene	ND	790	ug/kg	48
Benzo(ghi)perylene	ND	790	ug/kg	19
Benzo(a)pyrene	ND	790	ug/kg	24
bis(2-Chloroethoxy) methane	ND	400	ug/kg	28
bis(2-Chloroethyl)-ether	ND	790	ug/kg	20
bis(2-Ethylhexyl) phthalate	ND	790	ug/kg	55
4-Bromophenyl phenyl ether	ND	790	ug/kg	23
Butyl benzyl phthalate	ND	790	ug/kg	52
4-Chloroaniline	ND	1600	ug/kg	25
4-Chloro-3-methylphenol	ND	1600	ug/kg	29
2-Chloronaphthalene	ND	400	ug/kg	12
2-Chlorophenol	ND	790	ug/kg	25
4-Chlorophenyl phenyl ether	ND	790	ug/kg	25
Chrysene	ND	790	ug/kg	32
Dibenz(a,h)anthracene	ND	790	ug/kg	23
Dibenzofuran	ND	790	ug/kg	24
Di-n-butyl phthalate	ND	790	ug/kg	35
3,3'-Dichlorobenzidine	ND	1600	ug/kg	60
2,4-Dichlorophenol	ND	790	ug/kg	12
Diethyl phthalate	ND	790	ug/kg	31
2,4-Dimethylphenol	ND	790	ug/kg	31
Dimethyl phthalate	ND	790	ug/kg	28
4,6-Dinitro-2-methylphenol	ND	4000	ug/kg	60
2,4-Dinitrophenol	ND	4000	ug/kg	60
2,4-Dinitrotoluene	ND	790	ug/kg	28
2,6-Dinitrotoluene	ND	790	ug/kg	34

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Bhate Environmental Associates

Client Sample ID: 0T37-SB15-30

GC/MS Semivolatiles

Lot-Sample #...: D7G260168-003 **Work Order #...:** J3LGA1AN **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	790	ug/kg	17
Fluoranthene	ND	790	ug/kg	43
Fluorene	ND	790	ug/kg	22
Hexachlorobenzene	ND	790	ug/kg	35
Hexachlorocyclopenta-diene	ND	790	ug/kg	60
Hexachloroethane	ND	790	ug/kg	26
Indeno(1,2,3-cd)pyrene	ND	790	ug/kg	26
2-Methylnaphthalene	ND	790	ug/kg	23
2-Methylphenol	ND	790	ug/kg	16
Naphthalene	ND	790	ug/kg	37
2-Nitroaniline	ND	4000	ug/kg	60
3-Nitroaniline	ND	4000	ug/kg	60
4-Nitroaniline	ND	4000	ug/kg	87
Nitrobenzene	ND	790	ug/kg	26
2-Nitrophenol	ND	790	ug/kg	12
4-Nitrophenol	ND	4000	ug/kg	52
N-Nitrosodiphenylamine	ND	790	ug/kg	25
N-Nitrosodi-n-propyl-amine	ND	790	ug/kg	37
Pentachlorophenol	ND	4000	ug/kg	130
Phenanthrene	ND	790	ug/kg	20
Phenol	ND	790	ug/kg	22
Pyrene	ND	790	ug/kg	15
2,4,5-Trichloro-phenol	ND	790	ug/kg	12
2,4,6-Trichloro-phenol	ND	790	ug/kg	12
bis(2-Chloroisopropyl) ether	ND	790	ug/kg	28
4-Methylphenol	ND	790	ug/kg	12
Hexachlorobutadiene	ND	790	ug/kg	12
Caprolactam	ND	1900	ug/kg	130
Atrazine	ND	400	ug/kg	44
Carbazole	ND	400	ug/kg	43

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	69	(53 - 120)
Phenol-d5	72	(52 - 120)
Nitrobenzene-d5	77	(50 - 120)
2-Fluorobiphenyl	77	(50 - 120)
2,4,6-Tribromophenol	72	(51 - 120)
Terphenyl-d14	100	(55 - 120)

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Bhate Environmental Associates

Client Sample ID: 0T37-SB15-30

GC/MS Semivolatiles

Lot-Sample #...: D7G260168-003 **Work Order #...:** J3LGA1AN **Matrix.....:** SO

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: 0T37-SB09-15

GC/MS Semivolatiles

Lot-Sample #...: D7G260168-004 **Work Order #...:** J3LGC1AN **Matrix.....:** SO
Date Sampled...: 07/24/07 13:45 **Date Received..:** 07/26/07
Prep Date.....: 07/27/07 **Analysis Date..:** 08/03/07
Prep Batch #...: 7208097 **Analysis Time..:** 16:33
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	390	ug/kg	12
Acenaphthylene	ND	390	ug/kg	20
Acetophenone	ND	390	ug/kg	23
Anthracene	ND	390	ug/kg	20
Benzo(a)anthracene	ND	770	ug/kg	23
Benzo(b)fluoranthene	ND	770	ug/kg	31
Benzo(k)fluoranthene	ND	770	ug/kg	47
Benzo(ghi)perylene	ND	770	ug/kg	19
Benzo(a)pyrene	ND	770	ug/kg	23
bis(2-Chloroethoxy) methane	ND	390	ug/kg	27
bis(2-Chloroethyl)-ether	ND	770	ug/kg	19
bis(2-Ethylhexyl) phthalate	ND	770	ug/kg	54
4-Bromophenyl phenyl ether	ND	770	ug/kg	22
Butyl benzyl phthalate	ND	770	ug/kg	50
4-Chloroaniline	ND	1500	ug/kg	24
4-Chloro-3-methylphenol	ND	1500	ug/kg	28
2-Chloronaphthalene	ND	390	ug/kg	12
2-Chlorophenol	ND	770	ug/kg	25
4-Chlorophenyl phenyl ether	ND	770	ug/kg	25
Chrysene	ND	770	ug/kg	32
Dibenz(a,h)anthracene	ND	770	ug/kg	22
Dibenzofuran	ND	770	ug/kg	23
Di-n-butyl phthalate	ND	770	ug/kg	34
3,3'-Dichlorobenzidine	ND	1500	ug/kg	58
2,4-Dichlorophenol	ND	770	ug/kg	12
Diethyl phthalate	ND	770	ug/kg	30
2,4-Dimethylphenol	ND	770	ug/kg	30
Dimethyl phthalate	ND	770	ug/kg	27
4,6-Dinitro-2-methylphenol	ND	3900	ug/kg	58
2,4-Dinitrophenol	ND	3900	ug/kg	58
2,4-Dinitrotoluene	ND	770	ug/kg	27
2,6-Dinitrotoluene	ND	770	ug/kg	33

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Bhate Environmental Associates

Client Sample ID: 0T37-SB09-15

GC/MS Semivolatiles

Lot-Sample #...: D7G260168-004 **Work Order #...:** J3LGC1AN **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	770	ug/kg	17
Fluoranthene	ND	770	ug/kg	42
Fluorene	ND	770	ug/kg	21
Hexachlorobenzene	ND	770	ug/kg	34
Hexachlorocyclopenta-diene	ND	770	ug/kg	58
Hexachloroethane	ND	770	ug/kg	25
Indeno(1,2,3-cd)pyrene	ND	770	ug/kg	26
2-Methylnaphthalene	ND	770	ug/kg	22
2-Methylphenol	ND	770	ug/kg	15
Naphthalene	ND	770	ug/kg	36
2-Nitroaniline	ND	3900	ug/kg	58
3-Nitroaniline	ND	3900	ug/kg	58
4-Nitroaniline	ND	3900	ug/kg	85
Nitrobenzene	ND	770	ug/kg	26
2-Nitrophenol	ND	770	ug/kg	12
4-Nitrophenol	ND	3900	ug/kg	50
N-Nitrosodiphenylamine	ND	770	ug/kg	25
N-Nitrosodi-n-propyl-amine	ND	770	ug/kg	36
Pentachlorophenol	ND	3900	ug/kg	130
Phenanthrene	ND	770	ug/kg	20
Phenol	ND	770	ug/kg	21
Pyrene	ND	770	ug/kg	14
2,4,5-Trichloro-phenol	ND	770	ug/kg	12
2,4,6-Trichloro-phenol	ND	770	ug/kg	12
bis(2-Chloroisopropyl) ether	ND	770	ug/kg	27
4-Methylphenol	ND	770	ug/kg	12
Hexachlorobutadiene	ND	770	ug/kg	12
Caprolactam	ND	1900	ug/kg	120
Atrazine	ND	390	ug/kg	43
Carbazole	ND	390	ug/kg	42

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	66	(53 - 120)
Phenol-d5	69	(52 - 120)
Nitrobenzene-d5	72	(50 - 120)
2-Fluorobiphenyl	70	(50 - 120)
2,4,6-Tribromophenol	75	(51 - 120)
Terphenyl-d14	97	(55 - 120)

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Bhate Environmental Associates

Client Sample ID: 0T37-SB09-15

GC/MS Semivolatiles

Lot-Sample #...: D7G260168-004 **Work Order #...:** J3LGC1AN **Matrix.....:** SO

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: 0T37-SB09-30

GC/MS Semivolatiles

Lot-Sample #...: D7G260168-005 **Work Order #...:** J3LGG1AN **Matrix.....:** SO
Date Sampled...: 07/24/07 14:00 **Date Received..:** 07/26/07
Prep Date.....: 07/27/07 **Analysis Date..:** 08/03/07
Prep Batch #...: 7208097 **Analysis Time..:** 16:52
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	390	ug/kg	12
Acenaphthylene	ND	390	ug/kg	20
Acetophenone	ND	390	ug/kg	23
Anthracene	ND	390	ug/kg	20
Benzo(a)anthracene	ND	770	ug/kg	23
Benzo(b)fluoranthene	ND	770	ug/kg	31
Benzo(k)fluoranthene	ND	770	ug/kg	47
Benzo(ghi)perylene	ND	770	ug/kg	19
Benzo(a)pyrene	ND	770	ug/kg	23
bis(2-Chloroethoxy) methane	ND	390	ug/kg	27
bis(2-Chloroethyl)-ether	ND	770	ug/kg	19
bis(2-Ethylhexyl) phthalate	ND	770	ug/kg	54
4-Bromophenyl phenyl ether	ND	770	ug/kg	22
Butyl benzyl phthalate	ND	770	ug/kg	50
4-Chloroaniline	ND	1500	ug/kg	24
4-Chloro-3-methylphenol	ND	1500	ug/kg	28
2-Chloronaphthalene	ND	390	ug/kg	12
2-Chlorophenol	ND	770	ug/kg	25
4-Chlorophenyl phenyl ether	ND	770	ug/kg	25
Chrysene	ND	770	ug/kg	32
Dibenz(a,h)anthracene	ND	770	ug/kg	22
Dibenzofuran	ND	770	ug/kg	23
Di-n-butyl phthalate	ND	770	ug/kg	34
3,3'-Dichlorobenzidine	ND	1500	ug/kg	59
2,4-Dichlorophenol	ND	770	ug/kg	12
Diethyl phthalate	ND	770	ug/kg	30
2,4-Dimethylphenol	ND	770	ug/kg	30
Dimethyl phthalate	ND	770	ug/kg	27
4,6-Dinitro-2-methylphenol	ND	3900	ug/kg	59
2,4-Dinitrophenol	ND	3900	ug/kg	59
2,4-Dinitrotoluene	ND	770	ug/kg	27
2,6-Dinitrotoluene	ND	770	ug/kg	33

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Bhate Environmental Associates

Client Sample ID: 0T37-SB09-30

GC/MS Semivolatiles

Lot-Sample #...: D7G260168-005 **Work Order #...:** J3LGG1AN **Matrix.....:** SO

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	770	ug/kg	17
Fluoranthene	ND	770	ug/kg	42
Fluorene	ND	770	ug/kg	21
Hexachlorobenzene	ND	770	ug/kg	34
Hexachlorocyclopenta-diene	ND	770	ug/kg	59
Hexachloroethane	ND	770	ug/kg	25
Indeno(1,2,3-cd)pyrene	ND	770	ug/kg	26
2-Methylnaphthalene	ND	770	ug/kg	22
2-Methylphenol	ND	770	ug/kg	15
Naphthalene	ND	770	ug/kg	36
2-Nitroaniline	ND	3900	ug/kg	59
3-Nitroaniline	ND	3900	ug/kg	59
4-Nitroaniline	ND	3900	ug/kg	85
Nitrobenzene	ND	770	ug/kg	26
2-Nitrophenol	ND	770	ug/kg	12
4-Nitrophenol	ND	3900	ug/kg	50
N-Nitrosodiphenylamine	ND	770	ug/kg	25
N-Nitrosodi-n-propyl-amine	ND	770	ug/kg	36
Pentachlorophenol	ND	3900	ug/kg	130
Phenanthrene	ND	770	ug/kg	20
Phenol	ND	770	ug/kg	21
Pyrene	ND	770	ug/kg	14
2,4,5-Trichloro-phenol	ND	770	ug/kg	12
2,4,6-Trichloro-phenol	ND	770	ug/kg	12
bis(2-Chloroisopropyl) ether	ND	770	ug/kg	27
4-Methylphenol	ND	770	ug/kg	12
Hexachlorobutadiene	ND	770	ug/kg	12
Caprolactam	ND	1900	ug/kg	120
Atrazine	ND	390	ug/kg	43
Carbazole	ND	390	ug/kg	42

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	75	(53 - 120)
Phenol-d5	78	(52 - 120)
Nitrobenzene-d5	81	(50 - 120)
2-Fluorobiphenyl	84	(50 - 120)
2,4,6-Tribromophenol	76	(51 - 120)
Terphenyl-d14	103	(55 - 120)

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Bhate Environmental Associates

Client Sample ID: 0T37-SB09-30

GC/MS Semivolatiles

Lot-Sample #...: D7G260168-005 **Work Order #...:** J3LGG1AN **Matrix.....:** SO

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: 0T37-SB09-10-d

GC/MS Semivolatiles

Lot-Sample #...: D7G260168-006 **Work Order #...:** J3LGH1AM **Matrix.....:** WQ
Date Sampled...: 07/24/07 12:30 **Date Received..:** 07/26/07
Prep Date.....: 07/27/07 **Analysis Date..:** 08/07/07
Prep Batch #...: 7208174 **Analysis Time..:** 14:59
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	10	ug/L	0.28
Acenaphthylene	ND	10	ug/L	0.49
Acetophenone	ND	10	ug/L	0.41
Anthracene	ND	10	ug/L	0.42
Benzo(a)anthracene	ND	10	ug/L	0.35
Benzo(b)fluoranthene	ND	10	ug/L	0.39
Benzo(k)fluoranthene	ND	10	ug/L	0.46
Benzo(ghi)perylene	ND	10	ug/L	0.50
Benzo(a)pyrene	ND	10	ug/L	0.74
bis(2-Chloroethoxy) methane	ND	10	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	10	ug/L	0.41
bis(2-Ethylhexyl) phthalate	**3.1 J**	**10**	**ug/L**	**0.56**
4-Bromophenyl phenyl ether	ND	10	ug/L	0.43
Butyl benzyl phthalate	ND	20	ug/L	1.0
4-Chloroaniline	ND	20	ug/L	2.0
4-Chloro-3-methylphenol	ND	20	ug/L	2.0
2-Chloronaphthalene	ND	10	ug/L	0.31
2-Chlorophenol	ND	10	ug/L	0.38
4-Chlorophenyl phenyl ether	ND	10	ug/L	0.65
Chrysene	ND	10	ug/L	0.54
Dibenz(a,h)anthracene	ND	10	ug/L	0.51
Dibenzofuran	ND	10	ug/L	0.29
Di-n-butyl phthalate	ND	20	ug/L	1.2
3,3'-Dichlorobenzidine	ND	20	ug/L	2.0
2,4-Dichlorophenol	ND	10	ug/L	1.3
Diethyl phthalate	ND	20	ug/L	0.38
2,4-Dimethylphenol	ND	10	ug/L	0.57
Dimethyl phthalate	ND	20	ug/L	1.0
4,6-Dinitro-2-methylphenol	ND	60	ug/L	0.35
2,4-Dinitrophenol	ND	60	ug/L	20
2,4-Dinitrotoluene	ND	20	ug/L	0.25
2,6-Dinitrotoluene	ND	20	ug/L	0.23

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Bhate Environmental Associates

Client Sample ID: 0T37-SB09-10-d

GC/MS Semivolatiles

Lot-Sample #...: D7G260168-006 **Work Order #...:** J3LGH1AM **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	20	ug/L	0.35
Fluoranthene	ND	20	ug/L	0.20
Fluorene	ND	10	ug/L	0.31
Hexachlorobenzene	ND	10	ug/L	0.66
Hexachlorocyclopenta-diene	ND	10	ug/L	1.5
Hexachloroethane	ND	10	ug/L	0.46
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	0.65
2-Methylnaphthalene	ND	10	ug/L	0.29
2-Methylphenol	ND	10	ug/L	0.98
Naphthalene	ND	10	ug/L	0.29
2-Nitroaniline	ND	50	ug/L	0.32
3-Nitroaniline	ND	50	ug/L	2.0
4-Nitroaniline	ND	50	ug/L	1.0
Nitrobenzene	ND	20	ug/L	0.81
2-Nitrophenol	ND	20	ug/L	2.0
4-Nitrophenol	ND	50	ug/L	1.7
N-Nitrosodiphenylamine	ND	10	ug/L	0.44
N-Nitrosodi-n-propyl-amine	ND	20	ug/L	0.35
Pentachlorophenol	ND	60	ug/L	20
Phenanthrene	ND	10	ug/L	0.26
Phenol	ND	10	ug/L	0.31
Pyrene	ND	10	ug/L	0.37
2,4,5-Trichloro-phenol	ND	20	ug/L	0.39
2,4,6-Trichloro-phenol	ND	20	ug/L	0.37
bis(2-Chloroisopropyl) ether	ND	10	ug/L	0.43
4-Methylphenol	ND	20	ug/L	0.74
Hexachlorobutadiene	ND	10	ug/L	0.51
Caprolactam	ND	20	ug/L	5.0
Atrazine	ND	50	ug/L	5.0
Carbazole	ND	10	ug/L	0.43

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	80	(51 - 120)
Phenol-d5	85	(51 - 120)
Nitrobenzene-d5	81	(48 - 120)
2-Fluorobiphenyl	66	(49 - 120)
2,4,6-Tribromophenol	90	(57 - 120)
Terphenyl-d14	92	(61 - 120)

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Bhate Environmental Associates

Client Sample ID: 0T37-SB09-10-d

GC/MS Semivolatiles

Lot-Sample #...: D7G260168-006 **Work Order #...:** J3LGH1AM **Matrix.....:** WQ

NOTE(S):

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: SS18-MW04

GC/MS Semivolatiles

Lot-Sample #...: D7G260168-012 **Work Order #...:** J3LG31A3 **Matrix.....:** WG
Date Sampled...: 07/25/07 10:30 **Date Received..:** 07/26/07
Prep Date.....: 07/27/07 **Analysis Date..:** 08/07/07
Prep Batch #...: 7208174 **Analysis Time..:** 15:19
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	10	ug/L	0.28
Acenaphthylene	ND	10	ug/L	0.49
Acetophenone	ND	10	ug/L	0.41
Anthracene	ND	10	ug/L	0.42
Benzo(a)anthracene	ND	10	ug/L	0.35
Benzo(b)fluoranthene	ND	10	ug/L	0.39
Benzo(k)fluoranthene	ND	10	ug/L	0.46
Benzo(ghi)perylene	ND	10	ug/L	0.50
Benzo(a)pyrene	ND	10	ug/L	0.74
bis(2-Chloroethoxy) methane	ND	10	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	10	ug/L	0.41
bis(2-Ethylhexyl) phthalate	**5.5 J**	**10**	**ug/L**	**0.56**
4-Bromophenyl phenyl ether	ND	10	ug/L	0.43
Butyl benzyl phthalate	ND	20	ug/L	1.0
4-Chloroaniline	ND	20	ug/L	2.0
4-Chloro-3-methylphenol	ND	20	ug/L	2.0
2-Chloronaphthalene	ND	10	ug/L	0.31
2-Chlorophenol	ND	10	ug/L	0.38
4-Chlorophenyl phenyl ether	ND	10	ug/L	0.65
Chrysene	ND	10	ug/L	0.54
Dibenz(a,h)anthracene	ND	10	ug/L	0.51
Dibenzofuran	ND	10	ug/L	0.29
Di-n-butyl phthalate	ND	20	ug/L	1.2
3,3'-Dichlorobenzidine	ND	20	ug/L	2.0
2,4-Dichlorophenol	ND	10	ug/L	1.3
Diethyl phthalate	ND	20	ug/L	0.38
2,4-Dimethylphenol	ND	10	ug/L	0.57
Dimethyl phthalate	ND	20	ug/L	1.0
4,6-Dinitro-2-methylphenol	ND	60	ug/L	0.35
2,4-Dinitrophenol	ND	60	ug/L	20
2,4-Dinitrotoluene	ND	20	ug/L	0.25
2,6-Dinitrotoluene	ND	20	ug/L	0.23

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Bhate Environmental Associates

Client Sample ID: SS18-MW04

GC/MS Semivolatiles

Lot-Sample #...: D7G260168-012 **Work Order #...:** J3LG31A3 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	20	ug/L	0.35
Fluoranthene	ND	20	ug/L	0.20
Fluorene	ND	10	ug/L	0.31
Hexachlorobenzene	ND	10	ug/L	0.66
Hexachlorocyclopenta-diene	ND	10	ug/L	1.5
Hexachloroethane	ND	10	ug/L	0.46
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	0.65
2-Methylnaphthalene	ND	10	ug/L	0.29
2-Methylphenol	ND	10	ug/L	0.98
Naphthalene	ND	10	ug/L	0.29
2-Nitroaniline	ND	50	ug/L	0.32
3-Nitroaniline	ND	50	ug/L	2.0
4-Nitroaniline	ND	50	ug/L	1.0
Nitrobenzene	ND	20	ug/L	0.81
2-Nitrophenol	ND	20	ug/L	2.0
4-Nitrophenol	ND	50	ug/L	1.7
N-Nitrosodiphenylamine	ND	10	ug/L	0.44
N-Nitrosodi-n-propyl-amine	ND	20	ug/L	0.35
Pentachlorophenol	ND	60	ug/L	20
Phenanthrene	ND	10	ug/L	0.26
Phenol	ND	10	ug/L	0.31
Pyrene	ND	10	ug/L	0.37
2,4,5-Trichloro-phenol	ND	20	ug/L	0.39
2,4,6-Trichloro-phenol	ND	20	ug/L	0.37
bis(2-Chloroisopropyl) ether	ND	10	ug/L	0.43
4-Methylphenol	ND	20	ug/L	0.74
Hexachlorobutadiene	ND	10	ug/L	0.51
Caprolactam	ND	20	ug/L	5.0
Atrazine	ND	50	ug/L	5.0
Carbazole	ND	10	ug/L	0.43

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	59	(51 - 120)
Phenol-d5	66	(51 - 120)
Nitrobenzene-d5	61	(48 - 120)
2-Fluorobiphenyl	50	(49 - 120)
2,4,6-Tribromophenol	85	(57 - 120)
Terphenyl-d14	78	(61 - 120)

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Bhate Environmental Associates

Client Sample ID: SS18-MW04

GC/MS Semivolatiles

Lot-Sample #...: D7G260168-012 **Work Order #...:** J3LG31A3 **Matrix.....:** WG

NOTE(S):

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: 0T20-MW01

GC/MS Semivolatiles

Lot-Sample #...: D7G260168-013 **Work Order #...:** J3LG71AN **Matrix.....:** WG
Date Sampled...: 07/25/07 11:55 **Date Received..:** 07/26/07
Prep Date.....: 07/27/07 **Analysis Date..:** 08/09/07
Prep Batch #...: 7208174 **Analysis Time..:** 09:09
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	10	ug/L	0.28
Acenaphthylene	ND	10	ug/L	0.49
Acetophenone	ND	10	ug/L	0.41
Anthracene	ND	10	ug/L	0.42
Benzo(a)anthracene	ND	10	ug/L	0.35
Benzo(b)fluoranthene	ND	10	ug/L	0.39
Benzo(k)fluoranthene	ND	10	ug/L	0.46
Benzo(ghi)perylene	ND	10	ug/L	0.50
Benzo(a)pyrene	ND	10	ug/L	0.74
bis(2-Chloroethoxy) methane	ND	10	ug/L	0.32
bis(2-Chloroethyl)-ether	ND	10	ug/L	0.41
bis(2-Ethylhexyl) phthalate	**1.2 J**	**10**	**ug/L**	**0.56**
4-Bromophenyl phenyl ether	ND	10	ug/L	0.43
Butyl benzyl phthalate	ND	20	ug/L	1.0
4-Chloroaniline	ND	20	ug/L	2.0
4-Chloro-3-methylphenol	ND	20	ug/L	2.0
2-Chloronaphthalene	ND	10	ug/L	0.31
2-Chlorophenol	ND	10	ug/L	0.38
4-Chlorophenyl phenyl ether	ND	10	ug/L	0.65
Chrysene	ND	10	ug/L	0.54
Dibenz(a,h)anthracene	ND	10	ug/L	0.51
Dibenzofuran	ND	10	ug/L	0.29
Di-n-butyl phthalate	ND	20	ug/L	1.2
3,3'-Dichlorobenzidine	ND	20	ug/L	2.0
2,4-Dichlorophenol	ND	10	ug/L	1.3
Diethyl phthalate	ND	20	ug/L	0.38
2,4-Dimethylphenol	ND	10	ug/L	0.57
Dimethyl phthalate	ND	20	ug/L	1.0
4,6-Dinitro-2-methylphenol	ND	60	ug/L	0.35
2,4-Dinitrophenol	ND	60	ug/L	20
2,4-Dinitrotoluene	ND	20	ug/L	0.25
2,6-Dinitrotoluene	ND	20	ug/L	0.23

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Bhate Environmental Associates

Client Sample ID: 0T20-MW01

GC/MS Semivolatiles

Lot-Sample #...: D7G260168-013 **Work Order #...:** J3LG71AN **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	20	ug/L	0.35
Fluoranthene	ND	20	ug/L	0.20
Fluorene	ND	10	ug/L	0.31
Hexachlorobenzene	ND	10	ug/L	0.66
Hexachlorocyclopenta-diene	ND	10	ug/L	1.5
Hexachloroethane	ND	10	ug/L	0.46
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	0.65
2-Methylnaphthalene	ND	10	ug/L	0.29
2-Methylphenol	ND	10	ug/L	0.98
Naphthalene	ND	10	ug/L	0.29
2-Nitroaniline	ND	50	ug/L	0.32
3-Nitroaniline	ND	50	ug/L	2.0
4-Nitroaniline	ND	50	ug/L	1.0
Nitrobenzene	ND	20	ug/L	0.81
2-Nitrophenol	ND	20	ug/L	2.0
4-Nitrophenol	ND	50	ug/L	1.7
N-Nitrosodiphenylamine	ND	10	ug/L	0.44
N-Nitrosodi-n-propyl-amine	ND	20	ug/L	0.35
Pentachlorophenol	ND	60	ug/L	20
Phenanthrene	ND	10	ug/L	0.26
Phenol	ND	10	ug/L	0.31
Pyrene	ND	10	ug/L	0.37
2,4,5-Trichloro-phenol	ND	20	ug/L	0.39
2,4,6-Trichloro-phenol	ND	20	ug/L	0.37
bis(2-Chloroisopropyl) ether	ND	10	ug/L	0.43
4-Methylphenol	ND	20	ug/L	0.74
Hexachlorobutadiene	ND	10	ug/L	0.51
Caprolactam	ND	20	ug/L	5.0
Atrazine	ND	50	ug/L	5.0
Carbazole	ND	10	ug/L	0.43

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	65	(51 - 120)
Phenol-d5	70	(51 - 120)
Nitrobenzene-d5	63	(48 - 120)
2-Fluorobiphenyl	50	(49 - 120)
2,4,6-Tribromophenol	75	(57 - 120)
Terphenyl-d14	89	(61 - 120)

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Bhate Environmental Associates

Client Sample ID: 0T20-MW01

GC/MS Semivolatiles

Lot-Sample #...: D7G260168-013 **Work Order #...:** J3LG71AN **Matrix.....:** WG

NOTE(S):

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: 0T20-MW02

GC/MS Semivolatiles

Lot-Sample #...: D7G260168-014 **Work Order #...:** J3LG91AN **Matrix.....:** WG
Date Sampled...: 07/25/07 12:35 **Date Received..:** 07/26/07
Prep Date.....: 07/27/07 **Analysis Date..:** 08/07/07
Prep Batch #...: 7208174 **Analysis Time..:** 15:59
Dilution Factor: 1

Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Acenaphthene	ND	10	ug/L	0.28
Acenaphthylene	ND	10	ug/L	0.49
Acetophenone	ND	10	ug/L	0.41
Anthracene	ND	10	ug/L	0.42
Benzo(a)anthracene	ND	10	ug/L	0.35
Benzo(b)fluoranthene	ND	10	ug/L	0.39
Benzo(k)fluoranthene	ND	10	ug/L	0.46
Benzo(ghi)perylene	ND	10	ug/L	0.50
Benzo(a)pyrene	ND	10	ug/L	0.74
bis(2-Chloroethoxy) methane	ND	10	ug/L	0.32
bis(2-Chloroethyl)- ether	ND	10	ug/L	0.41
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	0.56
4-Bromophenyl phenyl ether	ND	10	ug/L	0.43
Butyl benzyl phthalate	ND	20	ug/L	1.0
4-Chloroaniline	ND	20	ug/L	2.0
4-Chloro-3-methylphenol	ND	20	ug/L	2.0
2-Chloronaphthalene	ND	10	ug/L	0.31
2-Chlorophenol	ND	10	ug/L	0.38
4-Chlorophenyl phenyl ether	ND	10	ug/L	0.65
Chrysene	ND	10	ug/L	0.54
Dibenz(a,h)anthracene	ND	10	ug/L	0.51
Dibenzofuran	ND	10	ug/L	0.29
Di-n-butyl phthalate	ND	20	ug/L	1.2
3,3'-Dichlorobenzidine	ND	20	ug/L	2.0
2,4-Dichlorophenol	ND	10	ug/L	1.3
Diethyl phthalate	ND	20	ug/L	0.38
2,4-Dimethylphenol	ND	10	ug/L	0.57
Dimethyl phthalate	ND	20	ug/L	1.0
4,6-Dinitro- 2-methylphenol	ND	60	ug/L	0.35
2,4-Dinitrophenol	ND	60	ug/L	20
2,4-Dinitrotoluene	ND	20	ug/L	0.25
2,6-Dinitrotoluene	ND	20	ug/L	0.23

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Bhate Environmental Associates

Client Sample ID: 0T20-MW02

GC/MS Semivolatiles

Lot-Sample #...: D7G260168-014 **Work Order #...:** J3LG91AN **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Di-n-octyl phthalate	ND	20	ug/L	0.35
Fluoranthene	ND	20	ug/L	0.20
Fluorene	ND	10	ug/L	0.31
Hexachlorobenzene	ND	10	ug/L	0.66
Hexachlorocyclopenta-diene	ND	10	ug/L	1.5
Hexachloroethane	ND	10	ug/L	0.46
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	0.65
2-Methylnaphthalene	ND	10	ug/L	0.29
2-Methylphenol	ND	10	ug/L	0.98
Naphthalene	ND	10	ug/L	0.29
2-Nitroaniline	ND	50	ug/L	0.32
3-Nitroaniline	ND	50	ug/L	2.0
4-Nitroaniline	ND	50	ug/L	1.0
Nitrobenzene	ND	20	ug/L	0.81
2-Nitrophenol	ND	20	ug/L	2.0
4-Nitrophenol	ND	50	ug/L	1.7
N-Nitrosodiphenylamine	ND	10	ug/L	0.44
N-Nitrosodi-n-propyl-amine	ND	20	ug/L	0.35
Pentachlorophenol	ND	60	ug/L	20
Phenanthrene	ND	10	ug/L	0.26
Phenol	ND	10	ug/L	0.31
Pyrene	ND	10	ug/L	0.37
2,4,5-Trichloro-phenol	ND	20	ug/L	0.39
2,4,6-Trichloro-phenol	ND	20	ug/L	0.37
bis(2-Chloroisopropyl) ether	ND	10	ug/L	0.43
4-Methylphenol	ND	20	ug/L	0.74
Hexachlorobutadiene	ND	10	ug/L	0.51
Caprolactam	ND	20	ug/L	5.0
Atrazine	ND	50	ug/L	5.0
Carbazole	ND	10	ug/L	0.43

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	61	(51 - 120)
Phenol-d5	68	(51 - 120)
Nitrobenzene-d5	64	(48 - 120)
2-Fluorobiphenyl	53	(49 - 120)
2,4,6-Tribromophenol	84	(57 - 120)
Terphenyl-d14	81	(61 - 120)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: 0T37-SB15-10

GC Volatiles

Lot-Sample #...: D7G260168-002 **Work Order #...:** J3LF81AX **Matrix.....:** SO
Date Sampled...: 07/24/07 12:00 **Date Received..:** 07/26/07
Prep Date.....: 08/01/07 **Analysis Date..:** 08/02/07
Prep Batch #...: 7218276 **Analysis Time..:** 11:45
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Gasoline Range Organics	**0.95 J,B**	**1.3**	**mg/kg**	**0.35**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	90	(77 - 123)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: 0T37-SB15-30

GC Volatiles

Lot-Sample #...: D7G260168-003 **Work Order #...:** J3LGA1AT **Matrix.....:** SO
Date Sampled...: 07/24/07 12:15 **Date Received..:** 07/26/07
Prep Date.....: 08/01/07 **Analysis Date..:** 08/02/07
Prep Batch #...: 7218276 **Analysis Time..:** 13:19
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Gasoline Range Organics	**1.0 J,B**	**1.4**	**mg/kg**	**0.39**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	84	(77 - 123)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: 0T37-SB09-15

GC Volatiles

Lot-Sample #...:	D7G260168-004	**Work Order #...:**	J3LGC1AT	**Matrix.....:**	SO
Date Sampled...:	07/24/07 13:45	**Date Received..:**	07/26/07		
Prep Date.....:	08/01/07	**Analysis Date..:**	08/02/07		
Prep Batch #...:	7218276	**Analysis Time..:**	13:52		
Dilution Factor:	1				
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Gasoline Range Organics	**1.0 J,B**	**1.4**	**mg/kg**	**0.38**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	88	(77 - 123)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: 0T37-SB09-30

GC Volatiles

Lot-Sample #...: D7G260168-005 **Work Order #...:** J3LGG1AT **Matrix.....:** SO
Date Sampled...: 07/24/07 14:00 **Date Received..:** 07/26/07
Prep Date.....: 08/01/07 **Analysis Date..:** 08/02/07
Prep Batch #...: 7218276 **Analysis Time..:** 14:24
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Gasoline Range Organics	**0.90 J,B**	**1.4**	**mg/kg**	**0.38**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	82	(77 - 123)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: 0T37-SB09-10-d

GC Volatiles

Lot-Sample #...: D7G260168-006 **Work Order #...:** J3LGH1AN **Matrix.....:** WQ
Date Sampled...: 07/24/07 12:30 **Date Received..:** 07/26/07
Prep Date.....: 07/27/07 **Analysis Date..:** 07/27/07
Prep Batch #...: 7211389 **Analysis Time..:** 13:27
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Gasoline Range Organics	ND	25	ug/L	4.9

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	97	(82 - 110)

Bhate Environmental Associates

Client Sample ID: 0T37-SB15-10

GC Semivolatiles

Lot-Sample #...: D7G260168-002 **Work Order #...:** J3LF81AP **Matrix.....:** SO
Date Sampled...: 07/24/07 12:00 **Date Received..:** 07/26/07
Prep Date.....: 07/27/07 **Analysis Date..:** 08/02/07
Prep Batch #...: 7208105 **Analysis Time..:** 07:52
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Diesel Range Organics (C10-C22)	**1.8 J,B**	**4.3**	**mg/kg**	**1.1**
Motor Oil Range Organics (C22-C36)	ND	4.3	mg/kg	1.1

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	72	(45 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: 0T37-SB15-30

GC Semivolatiles

Lot-Sample #...: D7G260168-003 **Work Order #...:** J3LGA1AP **Matrix.....:** SO
Date Sampled...: 07/24/07 12:15 **Date Received..:** 07/26/07
Prep Date.....: 07/27/07 **Analysis Date..:** 08/02/07
Prep Batch #...: 7208105 **Analysis Time..:** 09:45
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Diesel Range Organics (C10-C22)	**2.0 J,B**	**4.8**	**mg/kg**	**1.2**
Motor Oil Range Organics (C22-C36)	ND	4.8	mg/kg	1.2

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	91	(45 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: 0T37-SB09-15

GC Semivolatiles

Lot-Sample #...: D7G260168-004 **Work Order #...:** J3LGC1AP **Matrix.....:** SO
Date Sampled...: 07/24/07 13:45 **Date Received..:** 07/26/07
Prep Date.....: 07/27/07 **Analysis Date..:** 08/02/07
Prep Batch #...: 7208105 **Analysis Time..:** 10:22
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Diesel Range Organics (C10-C22)	**2.0 J,B**	**4.7**	**mg/kg**	**1.2**
Motor Oil Range Organics (C22-C36)	ND	4.7	mg/kg	1.2

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	80	(45 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: 0T37-SB09-30

GC Semivolatiles

Lot-Sample #...: D7G260168-005 **Work Order #...:** J3LGG1AP **Matrix.....:** SO
Date Sampled...: 07/24/07 14:00 **Date Received..:** 07/26/07
Prep Date.....: 07/27/07 **Analysis Date..:** 08/02/07
Prep Batch #...: 7208105 **Analysis Time..:** 11:00
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Diesel Range Organics (C10-C22)	**2.0 J,B**	**4.7**	**mg/kg**	**1.2**
Motor Oil Range Organics (C22-C36)	ND	4.7	mg/kg	1.2

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	81	(45 - 115)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: 0T37-SB09-10-d

GC Semivolatiles

Lot-Sample #...: D7G260168-006 **Work Order #...:** J3LGH1AQ **Matrix.....:** WQ
Date Sampled...: 07/24/07 12:30 **Date Received..:** 07/26/07
Prep Date.....: 07/26/07 **Analysis Date..:** 07/31/07
Prep Batch #...: 7207555 **Analysis Time..:** 07:48
Dilution Factor: 1

Method.....: SW846 8015B

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Motor Oil Range Organics (C22-C36)	ND	0.25	mg/L	0.032
Diesel Range Organics (C10-C22)	**0.048 J,B**	**0.25**	**mg/L**	**0.032**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	83	(48 - 117)

NOTE(S):

J Estimated result. Result is less than RL.

B Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Bhate Environmental Associates

Client Sample ID: 0T20-MW01

GC Semivolatiles

Lot-Sample #...: D7G260168-013 **Work Order #...:** J3LG71AD **Matrix.....:** WG
Date Sampled...: 07/25/07 11:55 **Date Received..:** 07/26/07
Prep Date.....: 07/26/07 **Analysis Date..:** 08/01/07
Prep Batch #...: 7207478 **Analysis Time..:** 21:46
Dilution Factor: 1

Method.....: SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aldrin	ND	0.040	ug/L	0.0059
alpha-BHC	ND	0.030	ug/L	0.0053
beta-BHC	ND	0.060	ug/L	0.0087
delta-BHC	ND	0.090	ug/L	0.0058
gamma-BHC (Lindane)	ND	0.040	ug/L	0.0069
alpha-Chlordane	ND	0.050	ug/L	0.0053
gamma-Chlordane	ND	0.050	ug/L	0.0091
4,4'-DDD	ND	0.11	ug/L	0.0077
4,4'-DDE	ND	0.040	ug/L	0.0075
4,4'-DDT	ND	0.12	ug/L	0.015
Dieldrin	ND	0.020	ug/L	0.0063
Endosulfan I	ND	0.020	ug/L	0.0058
Endosulfan II	ND	0.040	ug/L	0.0070
Endosulfan sulfate	ND	0.66	ug/L	0.0057
Endrin	ND	0.060	ug/L	0.0079
Endrin aldehyde	ND	0.23	ug/L	0.0088
Endrin ketone	ND	0.10	ug/L	0.0070
Heptachlor	ND	0.030	ug/L	0.0077
Heptachlor epoxide	ND	0.080	ug/L	0.0075
Methoxychlor	ND	1.8	ug/L	0.013
Toxaphene	ND	2.5	ug/L	0.37

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	91	(57 - 122)
Tetrachloro-m-xylene	88	(38 - 116)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: 0T20-MW02

GC Semivolatiles

Lot-Sample #...: D7G260168-014 **Work Order #...:** J3LG91AD **Matrix.....:** WG
Date Sampled...: 07/25/07 12:35 **Date Received..:** 07/26/07
Prep Date.....: 07/26/07 **Analysis Date..:** 08/01/07
Prep Batch #...: 7207478 **Analysis Time..:** 22:03
Dilution Factor: 1

Method.....: SW846 8081A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aldrin	ND	0.040	ug/L	0.0059
alpha-BHC	ND	0.030	ug/L	0.0053
beta-BHC	ND	0.060	ug/L	0.0087
delta-BHC	ND	0.090	ug/L	0.0058
gamma-BHC (Lindane)	ND	0.040	ug/L	0.0069
alpha-Chlordane	ND	0.050	ug/L	0.0053
gamma-Chlordane	ND	0.050	ug/L	0.0091
4,4'-DDD	ND	0.11	ug/L	0.0077
4,4'-DDE	ND	0.040	ug/L	0.0075
4,4'-DDT	ND	0.12	ug/L	0.015
Dieldrin	ND	0.020	ug/L	0.0063
Endosulfan I	ND	0.020	ug/L	0.0058
Endosulfan II	ND	0.040	ug/L	0.0070
Endosulfan sulfate	ND	0.66	ug/L	0.0057
Endrin	ND	0.060	ug/L	0.0079
Endrin aldehyde	ND	0.23	ug/L	0.0088
Endrin ketone	ND	0.10	ug/L	0.0070
Heptachlor	ND	0.030	ug/L	0.0077
Heptachlor epoxide	ND	0.080	ug/L	0.0075
Methoxychlor	ND	1.8	ug/L	0.013
Toxaphene	ND	2.5	ug/L	0.37

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	93	(57 - 122)
Tetrachloro-m-xylene	80	(38 - 116)

NOTE(S):

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: 0T37-SB15-10

GC Semivolatiles

Lot-Sample #...: D7G260168-002 **Work Order #...:** J3LF81AC **Matrix.....:** SO
Date Sampled...: 07/24/07 12:00 **Date Received..:** 07/26/07
Prep Date.....: 07/31/07 **Analysis Date..:** 08/01/07
Prep Batch #...: 7212113 **Analysis Time..:** 22:18
Dilution Factor: 1

Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	35	ug/kg	5.5
Aroclor 1221	ND	50	ug/kg	17
Aroclor 1232	ND	35	ug/kg	5.5
Aroclor 1242	ND	35	ug/kg	9.8
Aroclor 1248	ND	35	ug/kg	6.0
Aroclor 1254	ND	35	ug/kg	5.9
Aroclor 1260	ND	35	ug/kg	2.8

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	85	(68 - 125)
Tetrachloro-m-xylene	75	(67 - 129)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: 0T37-SB15-30

GC Semivolatiles

Lot-Sample #...: D7G260168-003 **Work Order #...:** J3LGA1AC **Matrix.....:** SO
Date Sampled...: 07/24/07 12:15 **Date Received..:** 07/26/07
Prep Date.....: 07/31/07 **Analysis Date..:** 08/01/07
Prep Batch #...: 7212113 **Analysis Time..:** 23:24
Dilution Factor: 1

Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	40	ug/kg	6.1
Aroclor 1221	ND	56	ug/kg	19
Aroclor 1232	ND	40	ug/kg	6.1
Aroclor 1242	ND	40	ug/kg	11
Aroclor 1248	ND	40	ug/kg	6.7
Aroclor 1254	ND	40	ug/kg	6.6
Aroclor 1260	ND	40	ug/kg	3.2

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	88	(68 - 125)
Tetrachloro-m-xylene	74	(67 - 129)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: 0T37-SB09-15

GC Semivolatiles

Lot-Sample #...: D7G260168-004 **Work Order #...:** J3LGC1AC **Matrix.....:** SO
Date Sampled...: 07/24/07 13:45 **Date Received..:** 07/26/07
Prep Date.....: 07/31/07 **Analysis Date..:** 08/01/07
Prep Batch #...: 7212113 **Analysis Time..:** 23:47
Dilution Factor: 1

Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	39	ug/kg	5.9
Aroclor 1221	ND	55	ug/kg	18
Aroclor 1232	ND	39	ug/kg	6.0
Aroclor 1242	ND	39	ug/kg	11
Aroclor 1248	ND	39	ug/kg	6.5
Aroclor 1254	ND	39	ug/kg	6.4
Aroclor 1260	ND	39	ug/kg	3.1

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	87	(68 - 125)
Tetrachloro-m-xylene	80	(67 - 129)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: 0T37-SB09-30

GC Semivolatiles

Lot-Sample #...: D7G260168-005 **Work Order #...:** J3LGG1AC **Matrix.....:** SO
Date Sampled...: 07/24/07 14:00 **Date Received..:** 07/26/07
Prep Date.....: 07/31/07 **Analysis Date..:** 08/02/07
Prep Batch #...: 7212113 **Analysis Time..:** 00:09
Dilution Factor: 1

Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1248	ND	39	ug/kg	6.6
Aroclor 1254	ND	39	ug/kg	6.5
Aroclor 1260	ND	39	ug/kg	3.1
Aroclor 1016	ND	39	ug/kg	6.0
Aroclor 1221	ND	55	ug/kg	18
Aroclor 1232	ND	39	ug/kg	6.0
Aroclor 1242	ND	39	ug/kg	11

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	86	(68 - 125)
Tetrachloro-m-xylene	75	(67 - 129)

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: 0T37-SB09-10-d

GC Semivolatiles

Lot-Sample #...: D7G260168-006 **Work Order #...:** J3LGH1AA **Matrix.....:** WQ
Date Sampled...: 07/24/07 12:30 **Date Received..:** 07/26/07
Prep Date.....: 07/26/07 **Analysis Date..:** 07/30/07
Prep Batch #...: 7207430 **Analysis Time..:** 12:31
Dilution Factor: 1

Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	1.0	ug/L	0.12
Aroclor 1221	ND	1.0	ug/L	0.21
Aroclor 1232	ND	1.0	ug/L	0.17
Aroclor 1242	ND	1.0	ug/L	0.10
Aroclor 1248	ND	1.0	ug/L	0.092
Aroclor 1254	ND	1.0	ug/L	0.11
Aroclor 1260	ND	1.0	ug/L	0.16

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	80	(51 - 122)
Decachlorobiphenyl	53	(41 - 138)

Bhate Environmental Associates

Client Sample ID: 0T20-MW01

GC Semivolatiles

Lot-Sample #...: D7G260168-013 **Work Order #...:** J3LG71AC **Matrix.....:** WG
Date Sampled...: 07/25/07 11:55 **Date Received..:** 07/26/07
Prep Date.....: 07/26/07 **Analysis Date..:** 07/30/07
Prep Batch #...: 7207430 **Analysis Time..:** 12:54
Dilution Factor: 1

Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	1.0	ug/L	0.12
Aroclor 1221	ND	1.0	ug/L	0.21
Aroclor 1232	ND	1.0	ug/L	0.17
Aroclor 1242	ND	1.0	ug/L	0.10
Aroclor 1248	ND	1.0	ug/L	0.092
Aroclor 1254	ND	1.0	ug/L	0.11
Aroclor 1260	ND	1.0	ug/L	0.16

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	80	(51 - 122)
Decachlorobiphenyl	87	(41 - 138)

Bhate Environmental Associates

Client Sample ID: 0T20-MW02

GC Semivolatiles

Lot-Sample #...: D7G260168-014 **Work Order #...:** J3LG91AC **Matrix.....:** WG
Date Sampled...: 07/25/07 12:35 **Date Received..:** 07/26/07
Prep Date.....: 07/26/07 **Analysis Date..:** 07/30/07
Prep Batch #...: 7207430 **Analysis Time..:** 13:16
Dilution Factor: 1

Method.....: SW846 8082

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Aroclor 1016	ND	1.0	ug/L	0.12
Aroclor 1221	ND	1.0	ug/L	0.21
Aroclor 1232	ND	1.0	ug/L	0.17
Aroclor 1242	ND	1.0	ug/L	0.10
Aroclor 1248	ND	1.0	ug/L	0.092
Aroclor 1254	ND	1.0	ug/L	0.11
Aroclor 1260	ND	1.0	ug/L	0.16

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	72	(51 - 122)
Decachlorobiphenyl	90	(41 - 138)

Bhate Environmental Associates

Client Sample ID: 0T20-MW01

GC Semivolatiles

Lot-Sample #...: D7G260168-013 **Work Order #...:** J3LG71AA **Matrix.....:** WG
Date Sampled...: 07/25/07 11:55 **Date Received..:** 07/26/07
Prep Date.....: 07/30/07 **Analysis Date..:** 08/03/07
Prep Batch #...: 7211117 **Analysis Time..:** 17:46
Dilution Factor: 1

Method.....: SW846 8151A

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Dalapon	**6.2**	**2.0**	**ug/L**	**0.43**
2,4-DB	**0.34 J,COL**	**4.0**	**ug/L**	**0.27**
Dicamba	ND	2.0	ug/L	0.10
Dichlorprop	**0.56 J,COL**	**4.0**	**ug/L**	**0.40**
Dinoseb	ND	0.60	ug/L	0.24
MCPA	ND	400	ug/L	150
MCPP	**92 J**	**400**	**ug/L**	**46**
2,4,5-TP (Silvex)	ND	1.0	ug/L	0.25
2,4,5-T	ND	1.0	ug/L	0.20
2,4-D	ND	4.0	ug/L	0.18

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
DCAA	98	(39 - 135)

NOTE(S):

J Estimated result. Result is less than RL.

COL More than 40% RPD between primary and confirmation column results. The lower of the two results is reported.

ND: The analyte was analyzed for, but not detected.

Bhate Environmental Associates

Client Sample ID: 0T37-SB15-10

HPLC

Lot-Sample #...:	D7G260168-002	**Work Order #...:**	J3LF81AR	**Matrix.....:**	SO
Date Sampled...:	07/24/07 12:00	**Date Received..:**	07/26/07		
Prep Date.....:	07/31/07	**Analysis Date..:**	08/02/07		
Prep Batch #...:	7212140	**Analysis Time..:**	18:53		
Dilution Factor:	1				
		Method.....:	SW846 6860		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Perchlorate	**1300**	**1100**	**ng/kg**	**220**

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Bhate Environmental Associates

Client Sample ID: 0T37-SB15-30

HPLC

Lot-Sample #...: D7G260168-003 **Work Order #...:** J3LGA1AR **Matrix.....:** SO
Date Sampled...: 07/24/07 12:15 **Date Received..:** 07/26/07
Prep Date.....: 07/31/07 **Analysis Date..:** 08/02/07
Prep Batch #...: 7212140 **Analysis Time..:** 19:22
Dilution Factor: 1

Method.....: SW846 6860

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Perchlorate	**1900**	**1200**	**ng/kg**	**250**

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Bhate Environmental Associates

Client Sample ID: 0T37-SB09-15

HPLC

Lot-Sample #...:	D7G260168-004	**Work Order #...:**	J3LGC1AR	**Matrix.....:**	SO
Date Sampled...:	07/24/07 13:45	**Date Received..:**	07/26/07		
Prep Date.....:	07/31/07	**Analysis Date..:**	08/02/07		
Prep Batch #...:	7212140	**Analysis Time..:**	19:52		
Dilution Factor:	1				
		Method.....:	SW846 6860		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Perchlorate	**890 J**	**1200**	**ng/kg**	**250**

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: 0T37-SB09-30

HPLC

Lot-Sample #...:	D7G260168-005	**Work Order #...:**	J3LGG1AR	**Matrix.....:**	SO
Date Sampled...:	07/24/07 14:00	**Date Received..:**	07/26/07		
Prep Date.....:	07/31/07	**Analysis Date..:**	08/02/07		
Prep Batch #...:	7212140	**Analysis Time..:**	21:19		
Dilution Factor:	1				
		Method.....:	SW846 6860		

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Perchlorate	**280 J**	**1200**	**ng/kg**	**250**

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: 0T37-SB09-10-d

HPLC

Lot-Sample #...: D7G260168-006 **Work Order #...:** J3LGH1AC **Matrix.....:** WQ
Date Sampled...: 07/24/07 12:30 **Date Received..:** 07/26/07
Prep Date.....: 08/01/07 **Analysis Date..:** 08/03/07
Prep Batch #...: 7213214 **Analysis Time..:** 04:36
Dilution Factor: 1

Method.....: SW846 6860

PARAMETER	RESULT	REPORTING LIMIT	UNITS	MDL
Perchlorate	ND	0.10	ug/L	0.0088

Bhate Environmental Associates

Client Sample ID: RW42-MW01

TOTAL Metals

Lot-Sample #...: D7G260168-001 **Matrix.....:** WG
Date Sampled...: 07/24/07 14:55 **Date Received..:** 07/26/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7208138						
Silver	ND	10	ug/L	SW846 6010B	07/31/07	J3LF51AC
		Dilution Factor: 1		Analysis Time..: 23:27	MDL.....: 2.8	
Aluminum	ND	100	ug/L	SW846 6010B	07/31/07	J3LF51AD
		Dilution Factor: 1		Analysis Time..: 23:27	MDL.....: 18	
Arsenic	ND	15	ug/L	SW846 6010B	07/31/07	J3LF51AE
		Dilution Factor: 1		Analysis Time..: 23:27	MDL.....: 4.4	
Barium	**25**	**10**	**ug/L**	**SW846 6010B**	**07/31/07**	**J3LF51AF**
		Dilution Factor: 1		Analysis Time..: 23:27	MDL.....: 1.0	
Beryllium	ND	5.0	ug/L	SW846 6010B	07/31/07	J3LF51AG
		Dilution Factor: 1		Analysis Time..: 23:27	MDL.....: 0.47	
Calcium	**690000 J**	**200**	**ug/L**	**SW846 6010B**	**07/31/07**	**J3LF51AH**
		Dilution Factor: 1		Analysis Time..: 23:27	MDL.....: 34	
Cadmium	**0.70 B**	**5.0**	**ug/L**	**SW846 6010B**	**07/31/07**	**J3LF51AJ**
		Dilution Factor: 1		Analysis Time..: 23:27	MDL.....: 0.45	
Cobalt	ND	10	ug/L	SW846 6010B	07/31/07	J3LF51AK
		Dilution Factor: 1		Analysis Time..: 23:27	MDL.....: 1.2	
Chromium	ND	10	ug/L	SW846 6010B	07/31/07	J3LF51AL
		Dilution Factor: 1		Analysis Time..: 23:27	MDL.....: 2.6	
Copper	**180**	**15**	**ug/L**	**SW846 6010B**	**07/31/07**	**J3LF51AM**
		Dilution Factor: 1		Analysis Time..: 23:27	MDL.....: 4.5	
Iron	ND	100	ug/L	SW846 6010B	07/31/07	J3LF51AN
		Dilution Factor: 1		Analysis Time..: 23:27	MDL.....: 22	
Potassium	**9500**	**3000**	**ug/L**	**SW846 6010B**	**07/31/07**	**J3LF51AP**
		Dilution Factor: 1		Analysis Time..: 23:27	MDL.....: 240	
Magnesium	**590000**	**200**	**ug/L**	**SW846 6010B**	**07/31/07**	**J3LF51AQ**
		Dilution Factor: 1		Analysis Time..: 23:27	MDL.....: 43	

(Continued on next page)

Bhate Environmental Associates

Client Sample ID: RW42-MW01

TOTAL Metals

Lot-Sample #...: D7G260168-001 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	**48**	**10**	**ug/L**	**SW846 6010B**	**07/31/07**	**J3LF51AR**
		Dilution Factor: 1		Analysis Time..: 23:27	MDL.....: 1.8	
Sodium	**2700000**	**1000**	**ug/L**	**SW846 6010B**	**07/31/07**	**J3LF51AT**
		Dilution Factor: 1		Analysis Time..: 23:27	MDL.....: 92	
Nickel	ND	40	ug/L	SW846 6010B	07/31/07	J3LF51AU
		Dilution Factor: 1		Analysis Time..: 23:27	MDL.....: 7.8	
Lead	ND	9.0	ug/L	SW846 6010B	07/31/07	J3LF51AV
		Dilution Factor: 1		Analysis Time..: 23:27	MDL.....: 2.6	
Antimony	ND	10	ug/L	SW846 6010B	07/31/07	J3LF51AW
		Dilution Factor: 1		Analysis Time..: 23:27	MDL.....: 3.1	
Selenium	**6.5 B**	**15**	**ug/L**	**SW846 6010B**	**07/31/07**	**J3LF51AX**
		Dilution Factor: 1		Analysis Time..: 23:27	MDL.....: 4.9	
Thallium	ND	15	ug/L	SW846 6010B	07/31/07	J3LF51A0
		Dilution Factor: 1		Analysis Time..: 23:27	MDL.....: 4.9	
Vanadium	**7.1 B**	**10**	**ug/L**	**SW846 6010B**	**07/31/07**	**J3LF51A1**
		Dilution Factor: 1		Analysis Time..: 23:27	MDL.....: 2.5	
Zinc	**20 J**	**20**	**ug/L**	**SW846 6010B**	**07/31/07**	**J3LF51A2**
		Dilution Factor: 1		Analysis Time..: 23:27	MDL.....: 4.5	

Prep Batch #...: 7218188

Mercury	ND	0.20	ug/L	SW846 7470A	08/06/07	J3LF51AA
		Dilution Factor: 1		Analysis Time..: 20:43	MDL.....: 0.027	

NOTE(S):

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: 0T37-SB15-10

TOTAL Metals

Lot-Sample #...: D7G260168-002 **Matrix.....:** SO
Date Sampled...: 07/24/07 12:00 **Date Received..:** 07/26/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7208403						
Selenium	ND	1.4	mg/kg	SW846 6010B	07/31/07	J3LF81AE
		Dilution Factor: 1		Analysis Time..: 21:50	MDL.....: 0.92	
Barium	**35**	**1.1**	**mg/kg**	**SW846 6010B**	**07/31/07**	**J3LF81AF**
		Dilution Factor: 1		Analysis Time..: 21:50	MDL.....: 0.26	
Cadmium	**0.14 B**	**0.54**	**mg/kg**	**SW846 6010B**	**07/31/07**	**J3LF81AG**
		Dilution Factor: 1		Analysis Time..: 21:50	MDL.....: 0.044	
Chromium	**4.6**	**1.6**	**mg/kg**	**SW846 6010B**	**07/31/07**	**J3LF81AH**
		Dilution Factor: 1		Analysis Time..: 21:50	MDL.....: 0.43	
Silver	ND	1.1	mg/kg	SW846 6010B	07/31/07	J3LF81AJ
		Dilution Factor: 1		Analysis Time..: 21:50	MDL.....: 0.17	
Arsenic	**1.8 B**	**2.1**	**mg/kg**	**SW846 6010B**	**07/31/07**	**J3LF81AK**
		Dilution Factor: 1		Analysis Time..: 21:50	MDL.....: 0.71	
Lead	**3.1**	**0.86**	**mg/kg**	**SW846 6010B**	**07/31/07**	**J3LF81AL**
		Dilution Factor: 1		Analysis Time..: 21:50	MDL.....: 0.29	
Prep Batch #...: 7214506						
Mercury	ND	35	ug/kg	SW846 7471A	08/02-08/03/07	J3LF81AM
		Dilution Factor: 1		Analysis Time..: 16:40	MDL.....: 3.0	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: 0T37-SB15-30

TOTAL Metals

Lot-Sample #...: D7G260168-003 **Matrix.....:** SO
Date Sampled...: 07/24/07 12:15 **Date Received..:** 07/26/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7208403						
Selenium	ND	1.6	mg/kg	SW846 6010B	07/31/07	J3LGA1AE
		Dilution Factor: 1		Analysis Time..: 21:55	MDL.....: 1.0	
Barium	**120**	**1.2**	**mg/kg**	**SW846 6010B**	**07/31/07**	**J3LGA1AF**
		Dilution Factor: 1		Analysis Time..: 21:55	MDL.....: 0.29	
Cadmium	**0.11 B**	**0.60**	**mg/kg**	**SW846 6010B**	**07/31/07**	**J3LGA1AG**
		Dilution Factor: 1		Analysis Time..: 21:55	MDL.....: 0.049	
Chromium	**17**	**1.8**	**mg/kg**	**SW846 6010B**	**07/31/07**	**J3LGA1AH**
		Dilution Factor: 1		Analysis Time..: 21:55	MDL.....: 0.48	
Silver	ND	1.2	mg/kg	SW846 6010B	07/31/07	J3LGA1AJ
		Dilution Factor: 1		Analysis Time..: 21:55	MDL.....: 0.19	
Arsenic	**4.7**	**2.4**	**mg/kg**	**SW846 6010B**	**07/31/07**	**J3LGA1AK**
		Dilution Factor: 1		Analysis Time..: 21:55	MDL.....: 0.79	
Lead	**8.5**	**0.96**	**mg/kg**	**SW846 6010B**	**07/31/07**	**J3LGA1AL**
		Dilution Factor: 1		Analysis Time..: 21:55	MDL.....: 0.32	
Prep Batch #...: 7214506						
Mercury	ND	40	ug/kg	SW846 7471A	08/02-08/03/07	J3LGA1AM
		Dilution Factor: 1		Analysis Time..: 16:47	MDL.....: 3.4	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: 0T37-SB09-15

TOTAL Metals

Lot-Sample #...: D7G260168-004 **Matrix.....:** SO
Date Sampled...: 07/24/07 13:45 **Date Received..:** 07/26/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7208403						
Selenium	ND	1.5	mg/kg	SW846 6010B	07/31/07	J3LGC1AE
		Dilution Factor: 1		Analysis Time..: 22:00	MDL.....: 1.0	
Barium	**21**	**1.2**	**mg/kg**	**SW846 6010B**	**07/31/07**	**J3LGC1AF**
		Dilution Factor: 1		Analysis Time..: 22:00	MDL.....: 0.28	
Cadmium	ND	0.58	mg/kg	SW846 6010B	07/31/07	J3LGC1AG
		Dilution Factor: 1		Analysis Time..: 22:00	MDL.....: 0.048	
Chromium	**2.6**	**1.8**	**mg/kg**	**SW846 6010B**	**07/31/07**	**J3LGC1AH**
		Dilution Factor: 1		Analysis Time..: 22:00	MDL.....: 0.47	
Silver	ND	1.2	mg/kg	SW846 6010B	07/31/07	J3LGC1AJ
		Dilution Factor: 1		Analysis Time..: 22:00	MDL.....: 0.19	
Arsenic	ND	2.3	mg/kg	SW846 6010B	07/31/07	J3LGC1AK
		Dilution Factor: 1		Analysis Time..: 22:00	MDL.....: 0.77	
Lead	**1.9**	**0.93**	**mg/kg**	**SW846 6010B**	**07/31/07**	**J3LGC1AL**
		Dilution Factor: 1		Analysis Time..: 22:00	MDL.....: 0.32	
Prep Batch #...: 7214506						
Mercury	ND	39	ug/kg	SW846 7471A	08/02-08/03/07	J3LGC1AM
		Dilution Factor: 1		Analysis Time..: 16:49	MDL.....: 3.3	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

Bhate Environmental Associates

Client Sample ID: 0T37-SB09-30

TOTAL Metals

Lot-Sample #...: D7G260168-005 **Matrix.....:** SO
Date Sampled...: 07/24/07 14:00 **Date Received..:** 07/26/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7208403						
Selenium	ND	1.5	mg/kg	SW846 6010B	07/31/07	J3LGG1AE
		Dilution Factor: 1		Analysis Time..: 22:05	MDL.....: 1.0	
Barium	**55**	**1.2**	**mg/kg**	**SW846 6010B**	**07/31/07**	**J3LGG1AF**
		Dilution Factor: 1		Analysis Time..: 22:05	MDL.....: 0.28	
Cadmium	**0.049 B**	**0.59**	**mg/kg**	**SW846 6010B**	**07/31/07**	**J3LGG1AG**
		Dilution Factor: 1		Analysis Time..: 22:05	MDL.....: 0.048	
Chromium	**11**	**1.8**	**mg/kg**	**SW846 6010B**	**07/31/07**	**J3LGG1AH**
		Dilution Factor: 1		Analysis Time..: 22:05	MDL.....: 0.47	
Silver	ND	1.2	mg/kg	SW846 6010B	07/31/07	J3LGG1AJ
		Dilution Factor: 1		Analysis Time..: 22:05	MDL.....: 0.19	
Arsenic	**10**	**2.3**	**mg/kg**	**SW846 6010B**	**07/31/07**	**J3LGG1AK**
		Dilution Factor: 1		Analysis Time..: 22:05	MDL.....: 0.77	
Lead	**4.8**	**0.94**	**mg/kg**	**SW846 6010B**	**07/31/07**	**J3LGG1AL**
		Dilution Factor: 1		Analysis Time..: 22:05	MDL.....: 0.32	
Prep Batch #...: 7214506						
Mercury	ND	39	ug/kg	SW846 7471A	08/02-08/03/07	J3LGG1AM
		Dilution Factor: 1		Analysis Time..: 16:51	MDL.....: 3.3	

NOTE(S):

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: 0T37-SB09-10-d

TOTAL Metals

Lot-Sample #...: D7G260168-006 **Matrix.....:** WQ
Date Sampled...: 07/24/07 12:30 **Date Received..:** 07/26/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7208138						
Silver	ND	10	ug/L	SW846 6010B	07/31/07	J3LGH1AH
		Dilution Factor: 1		Analysis Time..: 23:32	MDL.....: 2.8	
Arsenic	ND	15	ug/L	SW846 6010B	07/31/07	J3LGH1AJ
		Dilution Factor: 1		Analysis Time..: 23:32	MDL.....: 4.4	
Barium	**3.1 B**	**10**	**ug/L**	**SW846 6010B**	**07/31/07**	**J3LGH1AE**
		Dilution Factor: 1		Analysis Time..: 23:32	MDL.....: 1.0	
Cadmium	ND	5.0	ug/L	SW846 6010B	07/31/07	J3LGH1AF
		Dilution Factor: 1		Analysis Time..: 23:32	MDL.....: 0.45	
Chromium	ND	10	ug/L	SW846 6010B	07/31/07	J3LGH1AG
		Dilution Factor: 1		Analysis Time..: 23:32	MDL.....: 2.6	
Lead	ND	9.0	ug/L	SW846 6010B	07/31/07	J3LGH1AK
		Dilution Factor: 1		Analysis Time..: 23:32	MDL.....: 2.6	
Selenium	ND	15	ug/L	SW846 6010B	07/31/07	J3LGH1AD
		Dilution Factor: 1		Analysis Time..: 23:32	MDL.....: 4.9	
Prep Batch #...: 7218188						
Mercury	ND	0.20	ug/L	SW846 7470A	08/06/07	J3LGH1AL
		Dilution Factor: 1		Analysis Time..: 20:45	MDL.....: 0.027	

NOTE(S):

B Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: SS18-MW04

TOTAL Metals

Lot-Sample #...: D7G260168-012 **Matrix.....:** WG
Date Sampled...: 07/25/07 10:30 **Date Received..:** 07/26/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7208138						
Silver	ND	10	ug/L	SW846 6010B	07/31/07	J3LG31AC
		Dilution Factor: 1		Analysis Time..: 23:37	MDL.....: 2.8	
Aluminum	ND	100	ug/L	SW846 6010B	07/31/07	J3LG31AD
		Dilution Factor: 1		Analysis Time..: 23:37	MDL.....: 18	
Arsenic	ND	15	ug/L	SW846 6010B	07/31/07	J3LG31AE
		Dilution Factor: 1		Analysis Time..: 23:37	MDL.....: 4.4	
Barium	**48**	**10**	**ug/L**	**SW846 6010B**	**07/31/07**	**J3LG31AF**
		Dilution Factor: 1		Analysis Time..: 23:37	MDL.....: 1.0	
Beryllium	ND	5.0	ug/L	SW846 6010B	07/31/07	J3LG31AG
		Dilution Factor: 1		Analysis Time..: 23:37	MDL.....: 0.47	
Calcium	**590000 J**	**200**	**ug/L**	**SW846 6010B**	**07/31/07**	**J3LG31AH**
		Dilution Factor: 1		Analysis Time..: 23:37	MDL.....: 34	
Cadmium	**1.6 B**	**5.0**	**ug/L**	**SW846 6010B**	**07/31/07**	**J3LG31AJ**
		Dilution Factor: 1		Analysis Time..: 23:37	MDL.....: 0.45	
Cobalt	**5.0 B**	**10**	**ug/L**	**SW846 6010B**	**07/31/07**	**J3LG31AK**
		Dilution Factor: 1		Analysis Time..: 23:37	MDL.....: 1.2	
Chromium	ND	10	ug/L	SW846 6010B	07/31/07	J3LG31AL
		Dilution Factor: 1		Analysis Time..: 23:37	MDL.....: 2.6	
Copper	**11 B**	**15**	**ug/L**	**SW846 6010B**	**07/31/07**	**J3LG31AM**
		Dilution Factor: 1		Analysis Time..: 23:37	MDL.....: 4.5	
Iron	**68 B**	**100**	**ug/L**	**SW846 6010B**	**07/31/07**	**J3LG31AN**
		Dilution Factor: 1		Analysis Time..: 23:37	MDL.....: 22	
Potassium	**22000**	**3000**	**ug/L**	**SW846 6010B**	**07/31/07**	**J3LG31AP**
		Dilution Factor: 1		Analysis Time..: 23:37	MDL.....: 240	
Magnesium	**290000**	**200**	**ug/L**	**SW846 6010B**	**07/31/07**	**J3LG31AQ**
		Dilution Factor: 1		Analysis Time..: 23:37	MDL.....: 43	

(Continued on next page)

Bhate Environmental Associates

Client Sample ID: SS18-MW04

TOTAL Metals

Lot-Sample #...: D7G260168-012 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese	**450**	**10**	**ug/L**	**SW846 6010B**	**07/31/07**	**J3LG31AR**
		Dilution Factor: 1		Analysis Time..: 23:37	MDL.....: 1.8	
Sodium	**1100000**	**1000**	**ug/L**	**SW846 6010B**	**07/31/07**	**J3LG31AT**
		Dilution Factor: 1		Analysis Time..: 23:37	MDL.....: 92	
Nickel	**21 B**	**40**	**ug/L**	**SW846 6010B**	**07/31/07**	**J3LG31AU**
		Dilution Factor: 1		Analysis Time..: 23:37	MDL.....: 7.8	
Lead	**5.8 B**	**9.0**	**ug/L**	**SW846 6010B**	**07/31/07**	**J3LG31AV**
		Dilution Factor: 1		Analysis Time..: 23:37	MDL.....: 2.6	
Antimony	ND	10	ug/L	SW846 6010B	07/31/07	J3LG31AW
		Dilution Factor: 1		Analysis Time..: 23:37	MDL.....: 3.1	
Selenium	**6.2 B**	**15**	**ug/L**	**SW846 6010B**	**07/31/07**	**J3LG31AX**
		Dilution Factor: 1		Analysis Time..: 23:37	MDL.....: 4.9	
Thallium	ND	15	ug/L	SW846 6010B	07/31/07	J3LG31A0
		Dilution Factor: 1		Analysis Time..: 23:37	MDL.....: 4.9	
Vanadium	**37**	**10**	**ug/L**	**SW846 6010B**	**07/31/07**	**J3LG31A1**
		Dilution Factor: 1		Analysis Time..: 23:37	MDL.....: 2.5	
Zinc	**59 J**	**20**	**ug/L**	**SW846 6010B**	**07/31/07**	**J3LG31A2**
		Dilution Factor: 1		Analysis Time..: 23:37	MDL.....: 4.5	

Prep Batch #...: 7218188

Mercury	ND	0.20	ug/L	SW846 7470A	08/06/07	J3LG31AA
		Dilution Factor: 1		Analysis Time..: 20:52	MDL.....: 0.027	

NOTE(S):

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

B Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: 0T20-MW01

TOTAL Metals

Lot-Sample #...: D7G260168-013 **Matrix.....:** WG
Date Sampled...: 07/25/07 11:55 **Date Received..:** 07/26/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7208138						
Silver	ND	10	ug/L	SW846 6010B	07/31/07	J3LG71AJ
		Dilution Factor: 1		Analysis Time..: 23:42	MDL.....: 2.8	
Arsenic	ND	15	ug/L	SW846 6010B	07/31/07	J3LG71AK
		Dilution Factor: 1		Analysis Time..: 23:42	MDL.....: 4.4	
Barium	**50**	**10**	**ug/L**	**SW846 6010B**	**07/31/07**	**J3LG71AF**
		Dilution Factor: 1		Analysis Time..: 23:42	MDL.....: 1.0	
Cadmium	**1.4 B**	**5.0**	**ug/L**	**SW846 6010B**	**07/31/07**	**J3LG71AG**
		Dilution Factor: 1		Analysis Time..: 23:42	MDL.....: 0.45	
Chromium	**3.2 B**	**10**	**ug/L**	**SW846 6010B**	**07/31/07**	**J3LG71AH**
		Dilution Factor: 1		Analysis Time..: 23:42	MDL.....: 2.6	
Lead	ND	9.0	ug/L	SW846 6010B	07/31/07	J3LG71AL
		Dilution Factor: 1		Analysis Time..: 23:42	MDL.....: 2.6	
Selenium	ND	15	ug/L	SW846 6010B	07/31/07	J3LG71AE
		Dilution Factor: 1		Analysis Time..: 23:42	MDL.....: 4.9	
Prep Batch #...: 7218188						
Mercury	ND	0.20	ug/L	SW846 7470A	08/06/07	J3LG71AM
		Dilution Factor: 1		Analysis Time..: 20:55	MDL.....: 0.027	

NOTE(S):

B Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: 0T20-MW02

TOTAL Metals

Lot-Sample #...: D7G260168-014
Date Sampled...: 07/25/07 12:35 **Date Received..:** 07/26/07

Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7208138						
Silver	ND	10	ug/L	SW846 6010B	07/31/07	J3LG91AJ
		Dilution Factor: 1		Analysis Time..: 23:48	MDL.....: 2.8	
Arsenic	ND	15	ug/L	SW846 6010B	07/31/07	J3LG91AK
		Dilution Factor: 1		Analysis Time..: 23:48	MDL.....: 4.4	
Barium	**51**	**10**	**ug/L**	**SW846 6010B**	**07/31/07**	**J3LG91AF**
		Dilution Factor: 1		Analysis Time..: 23:48	MDL.....: 1.0	
Cadmium	**1.4 B**	**5.0**	**ug/L**	**SW846 6010B**	**07/31/07**	**J3LG91AG**
		Dilution Factor: 1		Analysis Time..: 23:48	MDL.....: 0.45	
Chromium	ND	10	ug/L	SW846 6010B	07/31/07	J3LG91AH
		Dilution Factor: 1		Analysis Time..: 23:48	MDL.....: 2.6	
Lead	ND	90	ug/L	SW846 6010B	07/31-08/01/07	J3LG91AL
		Dilution Factor: 10		Analysis Time..: 14:32	MDL.....: 26	
Selenium	**8.0 B**	**15**	**ug/L**	**SW846 6010B**	**07/31/07**	**J3LG91AE**
		Dilution Factor: 1		Analysis Time..: 23:48	MDL.....: 4.9	
Prep Batch #...: 7218188						
Mercury	ND	0.20	ug/L	SW846 7470A	08/06/07	J3LG91AM
		Dilution Factor: 1		Analysis Time..: 20:57	MDL.....: 0.027	

NOTE(S):

B Estimated result. Result is less than RL.

Bhate Environmental Associates

Client Sample ID: RW42-MW01

General Chemistry

Lot-Sample #...: D7G260168-001 **Work Order #...:** J3LF5 **Matrix.....:** WG
Date Sampled...: 07/24/07 14:55 **Date Received..:** 07/26/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids	**13000 Q**	**50**	**mg/L**	**MCAWW 160.1**	**07/31/07**	**7212528**

Dilution Factor: 5 Analysis Time..: 16:15 MDL.....: 24

NOTE(S):

RL Reporting Limit

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

Bhate Environmental Associates

Client Sample ID: 0T37-SB15-10

General Chemistry

Lot-Sample #...: D7G260168-002 **Work Order #...:** J3LF8 **Matrix.....:** SO
Date Sampled...: 07/24/07 12:00 **Date Received..:** 07/26/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**6.6**	**0.10**	**%**	**MCAWW 160.3 MOD**	**08/08/07**	**7208490**
		Dilution Factor: 1		Analysis Time..: 16:00	MDL.....: 0.0	

Bhate Environmental Associates

Client Sample ID: 0T37-SB15-30

General Chemistry

Lot-Sample #...: D7G260168-003 **Work Order #...:** J3LGA **Matrix.....:** SO
Date Sampled...: 07/24/07 12:15 **Date Received..:** 07/26/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**17**	**0.10**	**%**	**MCAWW 160.3 MOD**	**08/08/07**	**7208490**

Dilution Factor: 1 Analysis Time..: 16:00 MDL.....: 0.0

Bhate Environmental Associates

Client Sample ID: 0T37-SB09-15

General Chemistry

Lot-Sample #...: D7G260168-004 **Work Order #...:** J3LGC **Matrix.....:** SO
Date Sampled...: 07/24/07 13:45 **Date Received..:** 07/26/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**14**	**0.10**	**%**	**MCAWW 160.3 MOD**	**08/08/07**	**7208490**

Dilution Factor: 1 Analysis Time..: 16:00 MDL.....: 0.0

Bhate Environmental Associates

Client Sample ID: 0T37-SB09-30

General Chemistry

Lot-Sample #...: D7G260168-005 **Work Order #...:** J3LGG **Matrix.....:** SO
Date Sampled...: 07/24/07 14:00 **Date Received..:** 07/26/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture	**15**	**0.10**	**%**	**MCAWW 160.3 MOD**	**08/08/07**	**7208490**

Dilution Factor: 1 Analysis Time..: 16:00 MDL.....: 0.0

Bhate Environmental Associates

Client Sample ID: SS18-MW04

General Chemistry

Lot-Sample #...: D7G260168-012 **Work Order #...:** J3LG3 **Matrix.....:** WG
Date Sampled...: 07/25/07 10:30 **Date Received..:** 07/26/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids	**5400 Q**	**20**	**mg/L**	**MCAWW 160.1**	**07/31/07**	**7212530**

Dilution Factor: 2 Analysis Time..: 17:00 MDL.....: 9.4

NOTE(S):

RL Reporting Limit

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

Bhate Environmental Associates

Client Sample ID: 0T20-MW01

General Chemistry

Lot-Sample #...: D7G260168-013 **Work Order #...:** J3LG7 **Matrix.....:** WG
Date Sampled...: 07/25/07 11:55 **Date Received..:** 07/26/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids	**30000 Q**	**500**	**mg/L**	**MCAWW 160.1**	**07/31/07**	**7212530**

Dilution Factor: 50 Analysis Time..: 17:00 MDL.....: 240

NOTE(S):

RL Reporting Limit

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

Bhate Environmental Associates

Client Sample ID: 0T20-MW02

General Chemistry

Lot-Sample #...: D7G260168-014 **Work Order #...:** J3LG9 **Matrix.....:** WG
Date Sampled...: 07/25/07 12:35 **Date Received..:** 07/26/07

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids	**64000 Q**	**1000**	**mg/L**	**MCAWW 160.1**	**07/31/07**	**7212530**

Dilution Factor: 100 Analysis Time..: 17:00 MDL.....: 470

NOTE(S):

RL Reporting Limit

Q Elevated reporting limit. The reporting limit is elevated due to high analyte levels.

Bhate Environmental Associates

Client Sample ID: RW42-MW01

Severn Trent Laboratories - Radiochemistry

Lab Sample ID: D7G260168-001
Work Order: J3LF5
Matrix: WG

Date Collected: 07/24/07 1455
Date Received: 07/26/07 0900

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	RL	MDC	Prep Date	Analysis Date
TRITIUM (Distill) by EPA 906.0 MOD				**pCi/L**		**Batch # 7211298**	**Yld %**
Tritium	40	U	220	500	380	08/02/07	08/03/07

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.
Bold results are greater than the MDC

U Result is less than the sample detection limit.

Bhate Environmental Associates

Client Sample ID: 0T32-TMW05

Severn Trent Laboratories - Radiochemistry

Lab Sample ID: D7G260168-007
Work Order: J3LGL
Matrix: WG

Date Collected: 07/25/07 1030
Date Received: 07/26/07 0900

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	RL	MDC	Prep Date	Analysis Date
TRITIUM (Distill) by EPA 906.0 MOD				pCi/L		Batch # 7211298	Yld %
Tritium	-140	U	220	500	380	08/02/07	08/03/07

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.
Bold results are greater than the MDC

U Result is less than the sample detection limit.

QC DATA ASSOCIATION SUMMARY

D7G260168

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WG	MCAWW 160.1		7212528	7215273
	WG	SW846 7470A		7218188	7218103
	WG	SW846 8260B		7215254	7215164
	WG	SW846 8270C		7208174	
	WG	SW846 6010B		7208138	7208076
	WG	EPA 906.0 MOD		7211298	7213092
002	SO	SW846 8015B		7208105	7208063
	SO	SW846 8015B		7218276	7218158
	SO	SW846 7471A		7214506	7214320
	SO	SW846 8082		7212113	7212072
	SO	SW846 8260B		7215229	
	SO	SW846 8270C		7208097	7208059
	SO	SW846 6010B		7208403	7211193
	SO	MCAWW 160.3 MOD		7208490	7208299
	SO	SW846 6860		7212140	7212074
003	SO	SW846 8015B		7208105	7208063
	SO	SW846 8015B		7218276	7218158
	SO	SW846 7471A		7214506	7214320
	SO	SW846 8082		7212113	7212072
	SO	SW846 8260B		7215229	
	SO	SW846 8270C		7208097	7208059
	SO	SW846 6010B		7208403	7211193
	SO	MCAWW 160.3 MOD		7208490	7208299
	SO	SW846 6860		7212140	7212074
004	SO	SW846 8015B		7208105	7208063
	SO	SW846 8015B		7218276	7218158
	SO	SW846 7471A		7214506	7214320
	SO	SW846 8082		7212113	7212072
	SO	SW846 8260B		7215229	
	SO	SW846 8270C		7208097	7208059
	SO	SW846 6010B		7208403	7211193
	SO	MCAWW 160.3 MOD		7208490	7208299
	SO	SW846 6860		7212140	7212074
005	SO	SW846 8015B		7208105	7208063
	SO	SW846 8015B		7218276	7218158
	SO	SW846 7471A		7214506	7214320
	SO	SW846 8082		7212113	7212072
	SO	SW846 8260B		7215229	
	SO	SW846 8270C		7208097	7208059

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QC DATA ASSOCIATION SUMMARY

D7G260168

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
005	SO	SW846 6010B		7208403	7211193
	SO	MCAWW 160.3 MOD		7208490	7208299
	SO	SW846 6860		7212140	7212074
006	WQ	SW846 8015B		7207555	
	WQ	SW846 8015B		7211389	7211209
	WQ	SW846 7470A		7218188	7218103
	WQ	SW846 8082		7207430	
	WQ	SW846 8260B		7215254	7215164
	WQ	SW846 8270C		7208174	
	WQ	SW846 6010B		7208138	7208076
	WQ	SW846 6860		7213214	7213147
007	WG	EPA 906.0 MOD		7211298	7213092
008	WQ	SW846 8260B		7215254	7215164
009	WQ	SW846 8260B		7215254	7215164
010	WQ	SW846 8260B		7215254	7215164
011	WQ	SW846 8260B		7215254	7215164
012	WG	MCAWW 160.1		7212530	7215274
	WG	SW846 7470A		7218188	7218103
	WG	SW846 8260B		7215254	7215164
	WG	SW846 8270C		7208174	
	WG	SW846 6010B		7208138	7208076
013	WG	MCAWW 160.1		7212530	7215274
	WG	SW846 7470A		7218188	7218103
	WG	SW846 8082		7207430	
	WG	SW846 8081A		7207478	
	WG	SW846 8260B		7215254	7215164
	WG	SW846 8270C		7208174	
	WG	SW846 6010B		7208138	7208076
	WG	SW846 8151A		7211117	
014	WG	MCAWW 160.1		7212530	7215274
	WG	SW846 7470A		7218188	7218103
	WG	SW846 8082		7207430	
	WG	SW846 8081A		7207478	
	WG	SW846 8260B		7215254	7215164

(Continued on next page)

QC DATA ASSOCIATION SUMMARY

D7G260168

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
014	WG	SW846 8270C		7208174	
	WG	SW846 6010B		7208138	7208076
	WG	SW846 8151A		7211117	
015	WQ	SW846 8260B		7215254	7215164
016	WQ	SW846 8260B		7215254	7215164
017	WQ	SW846 8260B		7215254	7215164

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: D7G260168 **Work Order #...:** J39GT1AA **Matrix.....:** SOLID
MB Lot-Sample #: D7H030000-229

Prep Date.....: 07/26/07 **Analysis Time..:** 11:52
Analysis Date..: 08/02/07 **Prep Batch #...:** 7215229
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	20	ug/kg	SW846 8260B
Benzene	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Bromomethane	ND	10	ug/kg	SW846 8260B
2-Butanone (MEK)	**9.0 J**	**20**	**ug/kg**	**SW846 8260B**
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Chloroethane	ND	10	ug/kg	SW846 8260B
Chloroform	ND	10	ug/kg	SW846 8260B
Chloromethane	ND	10	ug/kg	SW846 8260B
Dibromomethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromoethane (EDB)	ND	5.0	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dichlorodifluoromethane	ND	10	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethene (total)	ND	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	2.5	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	2.5	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
2-Hexanone	ND	20	ug/kg	SW846 8260B
Methylene chloride	**1.1 J**	**5.0**	**ug/kg**	**SW846 8260B**
4-Methyl-2-pentanone	ND	20	ug/kg	SW846 8260B
Styrene	ND	5.0	ug/kg	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trichloro-benzene	ND	5.0	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: D7G260168 **Work Order #...:** J39GT1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Trichlorofluoromethane	ND	10	ug/kg	SW846 8260B
1,2,3-Trichloropropane	ND	5.0	ug/kg	SW846 8260B
Vinyl chloride	ND	5.0	ug/kg	SW846 8260B
Xylenes (total)	ND	5.0	ug/kg	SW846 8260B
n-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
sec-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
1,3,5-Trimethylbenzene	ND	5.0	ug/kg	SW846 8260B
n-Propylbenzene	ND	5.0	ug/kg	SW846 8260B
tert-Butylbenzene	ND	5.0	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B
2-Chlorotoluene	ND	5.0	ug/kg	SW846 8260B
4-Chlorotoluene	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/kg	SW846 8260B
1,3-Dichloropropane	ND	10	ug/kg	SW846 8260B
2,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
Hexachlorobutadiene	ND	5.0	ug/kg	SW846 8260B
4-Isopropyltoluene	ND	5.0	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/kg	SW846 8260B
1,2,3-Trichlorobenzene	ND	20	ug/kg	SW846 8260B
m-Xylene & p-Xylene	ND	5.0	ug/kg	SW846 8260B
o-Xylene	ND	2.5	ug/kg	SW846 8260B
Bromobenzene	ND	2.5	ug/kg	SW846 8260B
Bromochloromethane	ND	5.0	ug/kg	SW846 8260B
Naphthalene	ND	5.0	ug/kg	SW846 8260B
		5.0	ug/kg	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	117	(75 - 121)
1,2-Dichloroethane-d4	95	(58 - 140)
4-Bromofluorobenzene	112	(76 - 127)
Toluene-d8	116	(80 - 126)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

ND: The analyte was analyzed for, but not detected.

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: D7G260168 **Work Order #...:** J36JX1AA **Matrix.....:** WATER
MB Lot-Sample #: D7H030000-254

Prep Date.....: 08/02/07 **Analysis Time..:** 09:24
Analysis Date..: 08/02/07 **Prep Batch #...:** 7215254
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acetone	ND	10	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	2.0	ug/L	SW846 8260B
2-Butanone (MEK)	ND	6.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	2.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	2.0	ug/L	SW846 8260B
Dibromomethane	ND	1.0	ug/L	SW846 8260B
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	2.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethene (total)	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	5.0	ug/L	SW846 8260B
Methylene chloride	ND	5.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	5.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
1,2,4-Trichloro-benzene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: D7G260168 **Work Order #...:** J36JX1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Trichlorofluoromethane	ND	2.0	ug/L	SW846 8260B
1,2,3-Trichloropropane	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	2.0	ug/L	SW846 8260B
n-Butylbenzene	ND	1.0	ug/L	SW846 8260B
sec-Butylbenzene	ND	1.0	ug/L	SW846 8260B
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
1,3,5-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
n-Propylbenzene	ND	1.0	ug/L	SW846 8260B
tert-Butylbenzene	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
2-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
4-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	ug/L	SW846 8260B
1,3-Dichloropropane	ND	1.0	ug/L	SW846 8260B
2,2-Dichloropropane	ND	5.0	ug/L	SW846 8260B
1,1-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Hexachlorobutadiene	ND	1.0	ug/L	SW846 8260B
4-Isopropyltoluene	ND	1.0	ug/L	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/L	SW846 8260B
1,2,3-Trichlorobenzene	ND	1.0	ug/L	SW846 8260B
m-Xylene & p-Xylene	ND	2.0	ug/L	SW846 8260B
o-Xylene	ND	1.0	ug/L	SW846 8260B
Bromobenzene	ND	1.0	ug/L	SW846 8260B
Bromochloromethane	ND	1.0	ug/L	SW846 8260B
Naphthalene	ND	1.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	88	(77 - 119)
1,2-Dichloroethane-d4	83	(70 - 127)
4-Bromofluorobenzene	96	(78 - 118)
Toluene-d8	102	(83 - 125)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

ND: The analyte was analyzed for, but not detected.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7G260168 **Work Order #...:** J39GT1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: D7H030000-229 J39GT1AD-LCSD
Prep Date.....: 07/26/07 **Analysis Date..:** 08/02/07
Prep Batch #...: 7215229 **Analysis Time..:** 08:34
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acetone	82	(45 - 184)			SW846 8260B
	73	(45 - 184)	11	(0-28)	SW846 8260B
Benzene	103	(76 - 116)			SW846 8260B
	94	(76 - 116)	9.5	(0-20)	SW846 8260B
Bromodichloromethane	101	(74 - 125)			SW846 8260B
	90	(74 - 125)	11	(0-20)	SW846 8260B
Bromoform	97	(75 - 115)			SW846 8260B
	86	(75 - 115)	12	(0-20)	SW846 8260B
Bromomethane	122	(40 - 149)			SW846 8260B
	106	(40 - 149)	14	(0-22)	SW846 8260B
2-Butanone (MEK)	86	(58 - 150)			SW846 8260B
	79	(58 - 150)	8.8	(0-32)	SW846 8260B
Carbon tetrachloride	100	(69 - 147)			SW846 8260B
	93	(69 - 147)	7.2	(0-20)	SW846 8260B
Chlorobenzene	92	(74 - 114)			SW846 8260B
	83	(74 - 114)	9.4	(0-20)	SW846 8260B
Chloroethane	112	(51 - 155)			SW846 8260B
	99	(51 - 155)	13	(0-22)	SW846 8260B
Chloroform	100	(77 - 125)			SW846 8260B
	90	(77 - 125)	9.8	(0-20)	SW846 8260B
Chloromethane	101	(47 - 148)			SW846 8260B
	88	(47 - 148)	13	(0-25)	SW846 8260B
Dibromomethane	103	(77 - 117)			SW846 8260B
	90	(77 - 117)	13	(0-20)	SW846 8260B
1,2-Dibromoethane (EDB)	91	(75 - 115)			SW846 8260B
	81	(75 - 115)	12	(0-20)	SW846 8260B
1,2-Dichlorobenzene	90	(72 - 112)			SW846 8260B
	82	(72 - 112)	8.7	(0-20)	SW846 8260B
1,3-Dichlorobenzene	91	(74 - 114)			SW846 8260B
	84	(74 - 114)	7.1	(0-20)	SW846 8260B
1,4-Dichlorobenzene	90	(73 - 113)			SW846 8260B
	81	(73 - 113)	9.6	(0-22)	SW846 8260B
Dichlorodifluoromethane	107	(42 - 178)			SW846 8260B
	99	(42 - 178)	8.3	(0-28)	SW846 8260B
1,1-Dichloroethane	97	(74 - 114)			SW846 8260B
	88	(74 - 114)	8.8	(0-20)	SW846 8260B
1,2-Dichloroethane	98	(62 - 142)			SW846 8260B
	88	(62 - 142)	10	(0-20)	SW846 8260B
1,1-Dichloroethene	115	(77 - 143)			SW846 8260B
	106	(77 - 143)	8.0	(0-20)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7G260168 Work Order #...: J39GT1AC-LCS Matrix.....: SOLID
LCS Lot-Sample#: D7H030000-229 J39GT1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2-Dichloroethene (total)	103	(80 - 120)			SW846 8260B
	94	(80 - 120)	8.6	(0-20)	SW846 8260B
cis-1,2-Dichloroethene	102	(75 - 115)			SW846 8260B
	93	(75 - 115)	9.2	(0-20)	SW846 8260B
trans-1,2-Dichloroethene	104	(82 - 127)			SW846 8260B
	96	(82 - 127)	8.0	(0-20)	SW846 8260B
1,2-Dichloropropane	101	(74 - 114)			SW846 8260B
	92	(74 - 114)	10	(0-20)	SW846 8260B
cis-1,3-Dichloropropene	106	(77 - 117)			SW846 8260B
	95	(77 - 117)	11	(0-20)	SW846 8260B
trans-1,3-Dichloropropene	95	(71 - 120)			SW846 8260B
	86	(71 - 120)	10	(0-20)	SW846 8260B
Ethylbenzene	90	(78 - 118)			SW846 8260B
	83	(78 - 118)	8.2	(0-20)	SW846 8260B
2-Hexanone	82	(58 - 136)			SW846 8260B
	74	(58 - 136)	10	(0-29)	SW846 8260B
Methylene chloride	108	(76 - 116)			SW846 8260B
	98	(76 - 116)	10	(0-21)	SW846 8260B
4-Methyl-2-pentanone	89	(62 - 130)			SW846 8260B
	80	(62 - 130)	10	(0-25)	SW846 8260B
Styrene	95	(77 - 117)			SW846 8260B
	86	(77 - 117)	11	(0-20)	SW846 8260B
1,1,1,2-Tetrachloroethane	96	(76 - 116)			SW846 8260B
	87	(76 - 116)	10	(0-20)	SW846 8260B
1,1,2,2-Tetrachloroethane	88	(68 - 119)			SW846 8260B
	82	(68 - 119)	6.3	(0-21)	SW846 8260B
Tetrachloroethene	99	(71 - 111)			SW846 8260B
	92	(71 - 111)	7.7	(0-20)	SW846 8260B
Toluene	92	(72 - 113)			SW846 8260B
	85	(72 - 113)	8.1	(0-20)	SW846 8260B
1,2,4-Trichloro-benzene	92	(73 - 116)			SW846 8260B
	77	(73 - 116)	18	(0-26)	SW846 8260B
1,1,1-Trichloroethane	98	(67 - 143)			SW846 8260B
	90	(67 - 143)	8.6	(0-20)	SW846 8260B
1,1,2-Trichloroethane	94	(69 - 109)			SW846 8260B
	84	(69 - 109)	11	(0-20)	SW846 8260B
Trichloroethene	105	(78 - 118)			SW846 8260B
	95	(78 - 118)	9.5	(0-20)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7G260168 Work Order #...: J39GT1AC-LCS Matrix.....: SOLID
LCS Lot-Sample#: D7H030000-229 J39GT1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Trichlorofluoromethane	126	(50 - 155)			SW846 8260B
	110	(50 - 155)	13	(0-33)	SW846 8260B
1,2,3-Trichloropropane	77	(72 - 122)			SW846 8260B
	72	(72 - 122)	5.9	(0-21)	SW846 8260B
Vinyl chloride	107	(45 - 148)			SW846 8260B
	94	(45 - 148)	13	(0-24)	SW846 8260B
Xylenes (total)	90	(77 - 117)			SW846 8260B
	82	(77 - 117)	9.0	(0-20)	SW846 8260B
n-Butylbenzene	86	(66 - 130)			SW846 8260B
	80	(66 - 130)	7.5	(0-21)	SW846 8260B
sec-Butylbenzene	89	(79 - 128)			SW846 8260B
	86	(79 - 128)	4.0	(0-22)	SW846 8260B
Isopropylbenzene	84	(71 - 111)			SW846 8260B
	77	(71 - 111)	8.8	(0-20)	SW846 8260B
1,2,4-Trimethylbenzene	82	(78 - 126)			SW846 8260B
	78	(78 - 126)	6.0	(0-20)	SW846 8260B
1,3,5-Trimethylbenzene	82	(77 - 125)			SW846 8260B
	78	(77 - 125)	4.9	(0-21)	SW846 8260B
n-Propylbenzene	82	(79 - 120)			SW846 8260B
	78 a	(79 - 120)	4.3	(0-22)	SW846 8260B
tert-Butylbenzene	83	(77 - 124)			SW846 8260B
	80	(77 - 124)	3.8	(0-22)	SW846 8260B
Carbon disulfide	78	(49 - 121)			SW846 8260B
	70	(49 - 121)	11	(0-24)	SW846 8260B
Dibromochloromethane	96	(74 - 114)			SW846 8260B
	87	(74 - 114)	10	(0-20)	SW846 8260B
2-Chlorotoluene	86	(80 - 120)			SW846 8260B
	81	(80 - 120)	5.3	(0-22)	SW846 8260B
4-Chlorotoluene	82	(77 - 117)			SW846 8260B
	78	(77 - 117)	5.2	(0-20)	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	84	(60 - 120)			SW846 8260B
	73	(60 - 120)	14	(0-28)	SW846 8260B
1,3-Dichloropropane	93	(72 - 112)			SW846 8260B
	84	(72 - 112)	10	(0-20)	SW846 8260B
2,2-Dichloropropane	100	(64 - 144)			SW846 8260B
	92	(64 - 144)	7.7	(0-20)	SW846 8260B
1,1-Dichloropropene	99	(76 - 123)			SW846 8260B
	92	(76 - 123)	7.7	(0-20)	SW846 8260B
Hexachlorobutadiene	96	(69 - 125)			SW846 8260B
	83	(69 - 125)	15	(0-25)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7G260168 **Work Order #...:** J39GT1AC-LCS J39GT1AD-LCSD **Matrix.....:** SOLID
LCS Lot-Sample#: D7H030000-229

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
4-Isopropyltoluene	82	(73 - 118)			SW846 8260B
	78	(73 - 118)	4.8	(0-20)	SW846 8260B
Methyl tert-butyl ether	88	(69 - 129)			SW846 8260B
	78	(69 - 129)	11	(0-20)	SW846 8260B
1,2,3-Trichlorobenzene	106	(69 - 113)			SW846 8260B
	85	(69 - 113)	23	(0-31)	SW846 8260B
m-Xylene & p-Xylene	90	(77 - 117)			SW846 8260B
	82	(77 - 117)	9.0	(0-20)	SW846 8260B
o-Xylene	90	(77 - 117)			SW846 8260B
	83	(77 - 117)	8.9	(0-20)	SW846 8260B
Bromobenzene	88	(74 - 114)			SW846 8260B
	82	(74 - 114)	7.1	(0-22)	SW846 8260B
Bromochloromethane	107	(77 - 117)			SW846 8260B
	96	(77 - 117)	11	(0-21)	SW846 8260B
Naphthalene	95	(65 - 113)			SW846 8260B
	77	(65 - 113)	21	(0-38)	SW846 8260B
Vinyl acetate	100	(79 - 185)			SW846 8260B
	94	(79 - 185)	6.1	(0-27)	SW846 8260B
2-Pentanone	73	(43 - 143)			SW846 8260B
	64	(43 - 143)	13	(0-30)	SW846 8260B
2-Chloroethyl vinyl ether	75	(48 - 144)			SW846 8260B
	62	(48 - 144)	20	(0-26)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	113	(75 - 121)
	99	(75 - 121)
1,2-Dichloroethane-d4	95	(58 - 140)
	84	(58 - 140)
4-Bromofluorobenzene	113	(76 - 127)
	97	(76 - 127)
Toluene-d8	118	(80 - 126)
	104	(80 - 126)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7G260168 Work Order #...: J39GT1AC-LCS Matrix.....: SOLID
LCS Lot-Sample#: D7H030000-229 J39GT1AD-LCSD
Prep Date.....: 07/26/07 Analysis Date..: 08/02/07
Prep Batch #...: 7215229 Analysis Time..: 08:34
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Acetone	100	81.8	ug/kg	82		SW846 8260B
	100	73.2	ug/kg	73	11	SW846 8260B
Benzene	50.0	51.6	ug/kg	103		SW846 8260B
	50.0	46.9	ug/kg	94	9.5	SW846 8260B
Bromodichloromethane	50.0	50.3	ug/kg	101		SW846 8260B
	50.0	45.2	ug/kg	90	11	SW846 8260B
Bromoform	50.0	48.4	ug/kg	97		SW846 8260B
	50.0	43.0	ug/kg	86	12	SW846 8260B
Bromomethane	50.0	60.8	ug/kg	122		SW846 8260B
	50.0	52.9	ug/kg	106	14	SW846 8260B
2-Butanone (MEK)	100	86.0	ug/kg	86		SW846 8260B
	100	78.8	ug/kg	79	8.8	SW846 8260B
Carbon tetrachloride	50.0	49.8	ug/kg	100		SW846 8260B
	50.0	46.4	ug/kg	93	7.2	SW846 8260B
Chlorobenzene	50.0	45.8	ug/kg	92		SW846 8260B
	50.0	41.7	ug/kg	83	9.4	SW846 8260B
Chloroethane	50.0	56.0	ug/kg	112		SW846 8260B
	50.0	49.3	ug/kg	99	13	SW846 8260B
Chloroform	50.0	49.9	ug/kg	100		SW846 8260B
	50.0	45.2	ug/kg	90	9.8	SW846 8260B
Chloromethane	50.0	50.5	ug/kg	101		SW846 8260B
	50.0	44.2	ug/kg	88	13	SW846 8260B
Dibromomethane	50.0	51.3	ug/kg	103		SW846 8260B
	50.0	45.2	ug/kg	90	13	SW846 8260B
1,2-Dibromoethane (EDB)	50.0	45.7	ug/kg	91		SW846 8260B
	50.0	40.6	ug/kg	81	12	SW846 8260B
1,2-Dichlorobenzene	50.0	45.0	ug/kg	90		SW846 8260B
	50.0	41.2	ug/kg	82	8.7	SW846 8260B
1,3-Dichlorobenzene	50.0	45.3	ug/kg	91		SW846 8260B
	50.0	42.2	ug/kg	84	7.1	SW846 8260B
1,4-Dichlorobenzene	50.0	44.8	ug/kg	90		SW846 8260B
	50.0	40.7	ug/kg	81	9.6	SW846 8260B
Dichlorodifluoromethane	50.0	53.7	ug/kg	107		SW846 8260B
	50.0	49.4	ug/kg	99	8.3	SW846 8260B
1,1-Dichloroethane	50.0	48.3	ug/kg	97		SW846 8260B
	50.0	44.2	ug/kg	88	8.8	SW846 8260B
1,2-Dichloroethane	50.0	48.9	ug/kg	98		SW846 8260B
	50.0	44.1	ug/kg	88	10	SW846 8260B
1,1-Dichloroethene	50.0	57.3	ug/kg	115		SW846 8260B
	50.0	52.9	ug/kg	106	8.0	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7G260168 Work Order #...: J39GT1AC-LCS Matrix.....: SOLID
LCS Lot-Sample#: D7H030000-229 J39GT1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
1,2-Dichloroethene (total)	100	103	ug/kg	103		SW846 8260B
	100	94.4	ug/kg	94	8.6	SW846 8260B
cis-1,2-Dichloroethene	50.0	51.0	ug/kg	102		SW846 8260B
	50.0	46.5	ug/kg	93	9.2	SW846 8260B
trans-1,2-Dichloroethene	50.0	51.9	ug/kg	104		SW846 8260B
	50.0	47.9	ug/kg	96	8.0	SW846 8260B
1,2-Dichloropropane	50.0	50.6	ug/kg	101		SW846 8260B
	50.0	45.8	ug/kg	92	10	SW846 8260B
cis-1,3-Dichloropropene	50.0	53.0	ug/kg	106		SW846 8260B
	50.0	47.6	ug/kg	95	11	SW846 8260B
trans-1,3-Dichloropropene	50.0	47.4	ug/kg	95		SW846 8260B
	50.0	42.8	ug/kg	86	10	SW846 8260B
Ethylbenzene	50.0	44.9	ug/kg	90		SW846 8260B
	50.0	41.4	ug/kg	83	8.2	SW846 8260B
2-Hexanone	100	82.5	ug/kg	82		SW846 8260B
	100	74.3	ug/kg	74	10	SW846 8260B
Methylene chloride	50.0	54.1	ug/kg	108		SW846 8260B
	50.0	48.9	ug/kg	98	10	SW846 8260B
4-Methyl-2-pentanone	100	88.9	ug/kg	89		SW846 8260B
	100	80.3	ug/kg	80	10	SW846 8260B
Styrene	50.0	47.6	ug/kg	95		SW846 8260B
	50.0	42.8	ug/kg	86	11	SW846 8260B
1,1,1,2-Tetrachloroethane	50.0	48.1	ug/kg	96		SW846 8260B
	50.0	43.4	ug/kg	87	10	SW846 8260B
1,1,2,2-Tetrachloroethane	50.0	43.9	ug/kg	88		SW846 8260B
	50.0	41.2	ug/kg	82	6.3	SW846 8260B
Tetrachloroethene	50.0	49.5	ug/kg	99		SW846 8260B
	50.0	45.8	ug/kg	92	7.7	SW846 8260B
Toluene	50.0	46.2	ug/kg	92		SW846 8260B
	50.0	42.6	ug/kg	85	8.1	SW846 8260B
1,2,4-Trichloro-benzene	50.0	46.1	ug/kg	92		SW846 8260B
	50.0	38.3	ug/kg	77	18	SW846 8260B
1,1,1-Trichloroethane	50.0	49.0	ug/kg	98		SW846 8260B
	50.0	45.0	ug/kg	90	8.6	SW846 8260B
1,1,2-Trichloroethane	50.0	46.9	ug/kg	94		SW846 8260B
	50.0	41.9	ug/kg	84	11	SW846 8260B
Trichloroethene	50.0	52.4	ug/kg	105		SW846 8260B
	50.0	47.7	ug/kg	95	9.5	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7G260168 **Work Order #...:** J39GT1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: D7H030000-229 J39GT1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Trichlorofluoromethane	50.0	62.9	ug/kg	126		SW846 8260B
	50.0	55.1	ug/kg	110	13	SW846 8260B
1,2,3-Trichloropropane	50.0	38.3	ug/kg	77		SW846 8260B
	50.0	36.1	ug/kg	72	5.9	SW846 8260B
Vinyl chloride	50.0	53.4	ug/kg	107		SW846 8260B
	50.0	46.8	ug/kg	94	13	SW846 8260B
Xylenes (total)	150	135	ug/kg	90		SW846 8260B
	150	124	ug/kg	82	9.0	SW846 8260B
n-Butylbenzene	50.0	43.2	ug/kg	86		SW846 8260B
	50.0	40.0	ug/kg	80	7.5	SW846 8260B
sec-Butylbenzene	50.0	44.7	ug/kg	89		SW846 8260B
	50.0	43.0	ug/kg	86	4.0	SW846 8260B
Isopropylbenzene	50.0	42.2	ug/kg	84		SW846 8260B
	50.0	38.6	ug/kg	77	8.8	SW846 8260B
1,2,4-Trimethylbenzene	50.0	41.2	ug/kg	82		SW846 8260B
	50.0	38.8	ug/kg	78	6.0	SW846 8260B
1,3,5-Trimethylbenzene	50.0	40.8	ug/kg	82		SW846 8260B
	50.0	38.8	ug/kg	78	4.9	SW846 8260B
n-Propylbenzene	50.0	40.8	ug/kg	82		SW846 8260B
	50.0	39.0 a	ug/kg	78	4.3	SW846 8260B
tert-Butylbenzene	50.0	41.4	ug/kg	83		SW846 8260B
	50.0	39.9	ug/kg	80	3.8	SW846 8260B
Carbon disulfide	50.0	39.1	ug/kg	78		SW846 8260B
	50.0	35.0	ug/kg	70	11	SW846 8260B
Dibromochloromethane	50.0	48.1	ug/kg	96		SW846 8260B
	50.0	43.5	ug/kg	87	10	SW846 8260B
2-Chlorotoluene	50.0	42.9	ug/kg	86		SW846 8260B
	50.0	40.6	ug/kg	81	5.3	SW846 8260B
4-Chlorotoluene	50.0	41.1	ug/kg	82		SW846 8260B
	50.0	39.1	ug/kg	78	5.2	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	50.0	42.0	ug/kg	84		SW846 8260B
	50.0	36.7	ug/kg	73	14	SW846 8260B
1,3-Dichloropropane	50.0	46.4	ug/kg	93		SW846 8260B
	50.0	41.8	ug/kg	84	10	SW846 8260B
2,2-Dichloropropane	50.0	49.8	ug/kg	100		SW846 8260B
	50.0	46.1	ug/kg	92	7.7	SW846 8260B
1,1-Dichloropropene	50.0	49.4	ug/kg	99		SW846 8260B
	50.0	45.8	ug/kg	92	7.7	SW846 8260B
Hexachlorobutadiene	50.0	48.2	ug/kg	96		SW846 8260B
	50.0	41.5	ug/kg	83	15	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7G260168 **Work Order #...:** J39GT1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: D7H030000-229 J39GT1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
4-Isopropyltoluene	**50.0**	**41.1**	**ug/kg**	**82**		**SW846 8260B**
	50.0	**39.2**	**ug/kg**	**78**	**4.8**	**SW846 8260B**
Methyl tert-butyl ether	**100**	**87.7**	**ug/kg**	**88**		**SW846 8260B**
	100	**78.4**	**ug/kg**	**78**	**11**	**SW846 8260B**
1,2,3-Trichlorobenzene	**50.0**	**53.0**	**ug/kg**	**106**		**SW846 8260B**
	50.0	**42.3**	**ug/kg**	**85**	**23**	**SW846 8260B**
m-Xylene & p-Xylene	**100**	**89.9**	**ug/kg**	**90**		**SW846 8260B**
	100	**82.1**	**ug/kg**	**82**	**9.0**	**SW846 8260B**
o-Xylene	**50.0**	**45.2**	**ug/kg**	**90**		**SW846 8260B**
	50.0	**41.4**	**ug/kg**	**83**	**8.9**	**SW846 8260B**
Bromobenzene	**50.0**	**44.0**	**ug/kg**	**88**		**SW846 8260B**
	50.0	**40.9**	**ug/kg**	**82**	**7.1**	**SW846 8260B**
Bromochloromethane	**50.0**	**53.5**	**ug/kg**	**107**		**SW846 8260B**
	50.0	**47.9**	**ug/kg**	**96**	**11**	**SW846 8260B**
Naphthalene	**50.0**	**47.6**	**ug/kg**	**95**		**SW846 8260B**
	50.0	**38.5**	**ug/kg**	**77**	**21**	**SW846 8260B**
Vinyl acetate	**50.0**	**49.8**	**ug/kg**	**100**		**SW846 8260B**
	50.0	**46.8**	**ug/kg**	**94**	**6.1**	**SW846 8260B**
2-Pentanone	**100**	**73.0**	**ug/kg**	**73**		**SW846 8260B**
	100	**63.9**	**ug/kg**	**64**	**13**	**SW846 8260B**
2-Chloroethyl vinyl ether	**50.0**	**37.7**	**ug/kg**	**75**		**SW846 8260B**
	50.0	**30.9**	**ug/kg**	**62**	**20**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	113	(75 - 121)
	99	(75 - 121)
1,2-Dichloroethane-d4	95	(58 - 140)
	84	(58 - 140)
4-Bromofluorobenzene	113	(76 - 127)
	97	(76 - 127)
Toluene-d8	118	(80 - 126)
	104	(80 - 126)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7G260168 Work Order #...: J36JX1AC Matrix.....: WATER
LCS Lot-Sample#: D7H030000-254
Prep Date.....: 08/02/07 Analysis Date..: 08/02/07
Prep Batch #...: 7215254 Analysis Time..: 08:47
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Acetone	107	(48 - 130)	SW846 8260B
Benzene	89	(77 - 118)	SW846 8260B
Bromodichloromethane	102	(78 - 118)	SW846 8260B
Bromoform	102	(74 - 121)	SW846 8260B
Bromomethane	106	(42 - 154)	SW846 8260B
2-Butanone (MEK)	111	(57 - 120)	SW846 8260B
Carbon tetrachloride	105	(80 - 120)	SW846 8260B
Chlorobenzene	107	(78 - 118)	SW846 8260B
Chloroethane	99	(51 - 133)	SW846 8260B
Chloroform	102	(78 - 118)	SW846 8260B
Chloromethane	77	(46 - 142)	SW846 8260B
Dibromomethane	106	(77 - 117)	SW846 8260B
1,2-Dibromoethane (EDB)	107	(77 - 117)	SW846 8260B
1,2-Dichlorobenzene	102	(76 - 116)	SW846 8260B
1,3-Dichlorobenzene	105	(75 - 115)	SW846 8260B
1,4-Dichlorobenzene	100	(77 - 117)	SW846 8260B
Dichlorodifluoromethane	89	(56 - 140)	SW846 8260B
1,1-Dichloroethane	96	(77 - 117)	SW846 8260B
1,2-Dichloroethane	99	(74 - 120)	SW846 8260B
1,1-Dichloroethene	109	(68 - 133)	SW846 8260B
1,2-Dichloroethene (total)	103	(78 - 118)	SW846 8260B
cis-1,2-Dichloroethene	100	(75 - 115)	SW846 8260B
trans-1,2-Dichloroethene	107	(80 - 120)	SW846 8260B
1,2-Dichloropropane	93	(76 - 116)	SW846 8260B
cis-1,3-Dichloropropene	101	(76 - 116)	SW846 8260B
trans-1,3-Dichloropropene	102	(72 - 117)	SW846 8260B
Ethylbenzene	104	(78 - 118)	SW846 8260B
2-Hexanone	104	(57 - 121)	SW846 8260B
Methylene chloride	97	(71 - 119)	SW846 8260B
4-Methyl-2-pentanone	100	(65 - 118)	SW846 8260B
Styrene	117	(77 - 117)	SW846 8260B
1,1,1,2-Tetrachloroethane	98	(77 - 117)	SW846 8260B
1,1,2,2-Tetrachloroethane	114	(73 - 119)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7G260168 **Work Order #...:** J36JX1AC **Matrix.....:** WATER
LCS Lot-Sample#: D7H030000-254

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Tetrachloroethene	108	(77 - 117)	SW846 8260B
Toluene	107	(73 - 120)	SW846 8260B
1,2,4-Trichloro-benzene	95	(73 - 121)	SW846 8260B
1,1,1-Trichloroethane	108	(78 - 118)	SW846 8260B
1,1,2-Trichloroethane	111	(76 - 116)	SW846 8260B
Trichloroethene	86	(78 - 122)	SW846 8260B
Trichlorofluoromethane	132	(63 - 135)	SW846 8260B
1,2,3-Trichloropropane	97	(72 - 120)	SW846 8260B
Vinyl chloride	86	(49 - 136)	SW846 8260B
Xylenes (total)	112	(77 - 117)	SW846 8260B
n-Butylbenzene	110	(76 - 117)	SW846 8260B
sec-Butylbenzene	104	(80 - 120)	SW846 8260B
Isopropylbenzene	100	(71 - 111)	SW846 8260B
1,2,4-Trimethylbenzene	114	(77 - 117)	SW846 8260B
1,3,5-Trimethylbenzene	108	(77 - 117)	SW846 8260B
n-Propylbenzene	98	(76 - 116)	SW846 8260B
tert-Butylbenzene	98	(76 - 116)	SW846 8260B
Carbon disulfide	74	(56 - 104)	SW846 8260B
Dibromochloromethane	97	(76 - 116)	SW846 8260B
2-Chlorotoluene	91	(76 - 116)	SW846 8260B
4-Chlorotoluene	88	(78 - 118)	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	82	(65 - 117)	SW846 8260B
1,3-Dichloropropane	101	(75 - 115)	SW846 8260B
2,2-Dichloropropane	104	(72 - 128)	SW846 8260B
1,1-Dichloropropene	98	(75 - 115)	SW846 8260B
Hexachlorobutadiene	102	(73 - 123)	SW846 8260B
4-Isopropyltoluene	99	(76 - 113)	SW846 8260B
Methyl tert-butyl ether	78	(58 - 116)	SW846 8260B
1,2,3-Trichlorobenzene	91	(66 - 123)	SW846 8260B
m-Xylene & p-Xylene	112	(78 - 118)	SW846 8260B
o-Xylene	110	(77 - 117)	SW846 8260B
Bromobenzene	103	(75 - 115)	SW846 8260B
Bromochloromethane	85	(78 - 118)	SW846 8260B
Naphthalene	83	(62 - 121)	SW846 8260B
Vinyl acetate	86	(63 - 124)	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7G260168 **Work Order #...:** J36JX1AC **Matrix.....:** WATER
LCS Lot-Sample#: D7H030000-254

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
2-Pentanone	**94**	**(42 - 115)**	**SW846 8260B**
2-Chloroethyl vinyl ether	**84**	**(17 - 150)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	91	(77 - 119)
1,2-Dichloroethane-d4	89	(70 - 127)
4-Bromofluorobenzene	99	(78 - 118)
Toluene-d8	101	(83 - 125)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7G260168
LCS Lot-Sample#: D7H030000-254
Prep Date.....: 08/02/07
Prep Batch #...: 7215254
Dilution Factor: 1

Work Order #...: J36JX1AC
Analysis Date..: 08/02/07
Analysis Time..: 08:47

Matrix.....: WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Acetone	10.0	10.7	ug/L	107	SW846 8260B
Benzene	5.00	4.44	ug/L	89	SW846 8260B
Bromodichloromethane	5.00	5.11	ug/L	102	SW846 8260B
Bromoform	5.00	5.12	ug/L	102	SW846 8260B
Bromomethane	5.00	5.31	ug/L	106	SW846 8260B
2-Butanone (MEK)	10.0	11.1	ug/L	111	SW846 8260B
Carbon tetrachloride	5.00	5.23	ug/L	105	SW846 8260B
Chlorobenzene	5.00	5.35	ug/L	107	SW846 8260B
Chloroethane	5.00	4.95	ug/L	99	SW846 8260B
Chloroform	5.00	5.08	ug/L	102	SW846 8260B
Chloromethane	5.00	3.87	ug/L	77	SW846 8260B
Dibromomethane	5.00	5.28	ug/L	106	SW846 8260B
1,2-Dibromoethane (EDB)	5.00	5.35	ug/L	107	SW846 8260B
1,2-Dichlorobenzene	5.00	5.08	ug/L	102	SW846 8260B
1,3-Dichlorobenzene	5.00	5.23	ug/L	105	SW846 8260B
1,4-Dichlorobenzene	5.00	5.02	ug/L	100	SW846 8260B
Dichlorodifluoromethane	5.00	4.46	ug/L	89	SW846 8260B
1,1-Dichloroethane	5.00	4.79	ug/L	96	SW846 8260B
1,2-Dichloroethane	5.00	4.97	ug/L	99	SW846 8260B
1,1-Dichloroethene	5.00	5.46	ug/L	109	SW846 8260B
1,2-Dichloroethene (total)	10.0	10.3	ug/L	103	SW846 8260B
cis-1,2-Dichloroethene	5.00	5.02	ug/L	100	SW846 8260B
trans-1,2-Dichloroethene	5.00	5.33	ug/L	107	SW846 8260B
1,2-Dichloropropane	5.00	4.66	ug/L	93	SW846 8260B
cis-1,3-Dichloropropene	5.00	5.05	ug/L	101	SW846 8260B
trans-1,3-Dichloropropene	5.00	5.11	ug/L	102	SW846 8260B
Ethylbenzene	5.00	5.18	ug/L	104	SW846 8260B
2-Hexanone	10.0	10.4	ug/L	104	SW846 8260B
Methylene chloride	5.00	4.86	ug/L	97	SW846 8260B
4-Methyl-2-pentanone	10.0	9.99	ug/L	100	SW846 8260B
Styrene	5.00	5.87	ug/L	117	SW846 8260B
1,1,1,2-Tetrachloroethane	5.00	4.88	ug/L	98	SW846 8260B
1,1,2,2-Tetrachloroethane	5.00	5.68	ug/L	114	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7G260168 **Work Order #...:** J36JX1AC **Matrix.....:** WATER
LCS Lot-Sample#: D7H030000-254

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Tetrachloroethene	5.00	5.38	ug/L	108	SW846 8260B
Toluene	5.00	5.34	ug/L	107	SW846 8260B
1,2,4-Trichloro-benzene	5.00	4.73	ug/L	95	SW846 8260B
1,1,1-Trichloroethane	5.00	5.38	ug/L	108	SW846 8260B
1,1,2-Trichloroethane	5.00	5.53	ug/L	111	SW846 8260B
Trichloroethene	5.00	4.29	ug/L	86	SW846 8260B
Trichlorofluoromethane	5.00	6.62	ug/L	132	SW846 8260B
1,2,3-Trichloropropane	5.00	4.85	ug/L	97	SW846 8260B
Vinyl chloride	5.00	4.28	ug/L	86	SW846 8260B
Xylenes (total)	15.0	16.8	ug/L	112	SW846 8260B
n-Butylbenzene	5.00	5.48	ug/L	110	SW846 8260B
sec-Butylbenzene	5.00	5.21	ug/L	104	SW846 8260B
Isopropylbenzene	5.00	5.00	ug/L	100	SW846 8260B
1,2,4-Trimethylbenzene	5.00	5.72	ug/L	114	SW846 8260B
1,3,5-Trimethylbenzene	5.00	5.42	ug/L	108	SW846 8260B
n-Propylbenzene	5.00	4.91	ug/L	98	SW846 8260B
tert-Butylbenzene	5.00	4.91	ug/L	98	SW846 8260B
Carbon disulfide	5.00	3.71	ug/L	74	SW846 8260B
Dibromochloromethane	5.00	4.87	ug/L	97	SW846 8260B
2-Chlorotoluene	5.00	4.55	ug/L	91	SW846 8260B
4-Chlorotoluene	5.00	4.38	ug/L	88	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	5.00	4.11	ug/L	82	SW846 8260B
1,3-Dichloropropane	5.00	5.06	ug/L	101	SW846 8260B
2,2-Dichloropropane	5.00	5.20	ug/L	104	SW846 8260B
1,1-Dichloropropene	5.00	4.90	ug/L	98	SW846 8260B
Hexachlorobutadiene	5.00	5.11	ug/L	102	SW846 8260B
4-Isopropyltoluene	5.00	4.94	ug/L	99	SW846 8260B
Methyl tert-butyl ether	10.0	7.81	ug/L	78	SW846 8260B
1,2,3-Trichlorobenzene	5.00	4.53	ug/L	91	SW846 8260B
m-Xylene & p-Xylene	10.0	11.2	ug/L	112	SW846 8260B
o-Xylene	5.00	5.52	ug/L	110	SW846 8260B
Bromobenzene	5.00	5.17	ug/L	103	SW846 8260B
Bromochloromethane	5.00	4.24	ug/L	85	SW846 8260B
Naphthalene	5.00	4.16	ug/L	83	SW846 8260B
Vinyl acetate	5.00	4.28	ug/L	86	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7G260168 **Work Order #...:** J36JX1AC **Matrix.....:** WATER
LCS Lot-Sample#: D7H030000-254

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
2-Pentanone	**10.0**	**9.39**	**ug/L**	**94**	**SW846 8260B**
2-Chloroethyl vinyl ether	**5.00**	**4.18**	**ug/L**	**84**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	91	(77 - 119)
1,2-Dichloroethane-d4	89	(70 - 127)
4-Bromofluorobenzene	99	(78 - 118)
Toluene-d8	101	(83 - 125)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7G260168 **Work Order #...:** J3GM81AE-MS **Matrix.....:** WATER
MS Lot-Sample #: D7G240237-008 J3GM81AF-MSD
Date Sampled...: 07/24/07 12:00 **Date Received..:** 07/24/07
Prep Date.....: 08/02/07 **Analysis Date..:** 08/02/07
Prep Batch #...: 7215254 **Analysis Time..:** 13:24
Dilution Factor: 5

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acetone	104	(48 - 130)			SW846 8260B
	110	(48 - 130)	5.8	(0-41)	SW846 8260B
Benzene	96	(77 - 118)			SW846 8260B
	99	(77 - 118)	2.9	(0-20)	SW846 8260B
Bromodichloromethane	104	(78 - 118)			SW846 8260B
	107	(78 - 118)	2.8	(0-20)	SW846 8260B
Bromoform	121	(74 - 121)			SW846 8260B
	130 a	(74 - 121)	7.2	(0-21)	SW846 8260B
Bromomethane	113	(42 - 154)			SW846 8260B
	105	(42 - 154)	7.4	(0-24)	SW846 8260B
2-Butanone (MEK)	89	(57 - 120)			SW846 8260B
	113	(57 - 120)	23	(0-32)	SW846 8260B
Carbon tetrachloride	118	(80 - 120)			SW846 8260B
	121 a	(80 - 120)	2.7	(0-21)	SW846 8260B
Chlorobenzene	107	(78 - 118)			SW846 8260B
	120 a	(78 - 118)	11	(0-20)	SW846 8260B
Chloroethane	111	(51 - 133)			SW846 8260B
	109	(51 - 133)	2.3	(0-25)	SW846 8260B
Chloroform	111	(78 - 118)			SW846 8260B
	110	(78 - 118)	0.82	(0-20)	SW846 8260B
Chloromethane	80	(46 - 142)			SW846 8260B
	80	(46 - 142)	0.04	(0-24)	SW846 8260B
Dibromomethane	109	(77 - 117)			SW846 8260B
	111	(77 - 117)	1.6	(0-20)	SW846 8260B
1,2-Dibromoethane (EDB)	113	(77 - 117)			SW846 8260B
	119 a	(77 - 117)	5.3	(0-20)	SW846 8260B
1,2-Dichlorobenzene	95	(76 - 116)			SW846 8260B
	100	(76 - 116)	5.1	(0-20)	SW846 8260B
1,3-Dichlorobenzene	96	(75 - 115)			SW846 8260B
	100	(75 - 115)	4.1	(0-20)	SW846 8260B
1,4-Dichlorobenzene	95	(77 - 117)			SW846 8260B
	103	(77 - 117)	8.1	(0-23)	SW846 8260B
Dichlorodifluoromethane	97	(56 - 140)			SW846 8260B
	101	(56 - 140)	3.6	(0-24)	SW846 8260B
1,1-Dichloroethane	107	(77 - 117)			SW846 8260B
	110	(77 - 117)	2.2	(0-21)	SW846 8260B
1,2-Dichloroethane	103	(74 - 120)			SW846 8260B
	110	(74 - 120)	6.9	(0-20)	SW846 8260B
1,1-Dichloroethene	118	(68 - 133)			SW846 8260B
	118	(68 - 133)	0.44	(0-20)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7G260168 **Work Order #...:** J3GM81AE-MS **Matrix.....:** WATER
MS Lot-Sample #: D7G240237-008 J3GM81AF-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2-Dichloroethene (total)	113	(78 - 118)			SW846 8260B
	118	(78 - 118)	2.7	(0-20)	SW846 8260B
cis-1,2-Dichloroethene	116 a	(75 - 115)			SW846 8260B
	123 a	(75 - 115)	2.6	(0-20)	SW846 8260B
trans-1,2-Dichloroethene	110	(80 - 120)			SW846 8260B
	113	(80 - 120)	3.0	(0-24)	SW846 8260B
1,2-Dichloropropane	95	(76 - 116)			SW846 8260B
	101	(76 - 116)	6.2	(0-20)	SW846 8260B
cis-1,3-Dichloropropene	106	(76 - 116)			SW846 8260B
	121 a	(76 - 116)	14	(0-20)	SW846 8260B
trans-1,3-Dichloropropene	109	(72 - 117)			SW846 8260B
	119 a	(72 - 117)	8.3	(0-20)	SW846 8260B
Ethylbenzene	115	(78 - 118)			SW846 8260B
	122 a	(78 - 118)	5.6	(0-26)	SW846 8260B
2-Hexanone	108	(57 - 121)			SW846 8260B
	113	(57 - 121)	5.1	(0-25)	SW846 8260B
Methylene chloride	103	(71 - 119)			SW846 8260B
	110	(71 - 119)	5.8	(0-20)	SW846 8260B
4-Methyl-2-pentanone	110	(65 - 118)			SW846 8260B
	114	(65 - 118)	3.4	(0-22)	SW846 8260B
Styrene	121 a	(77 - 117)			SW846 8260B
	133 a	(77 - 117)	10	(0-20)	SW846 8260B
1,1,1,2-Tetrachloroethane	104	(77 - 117)			SW846 8260B
	110	(77 - 117)	5.8	(0-20)	SW846 8260B
1,1,2,2-Tetrachloroethane	124 a	(73 - 119)			SW846 8260B
	146 a	(73 - 119)	17	(0-20)	SW846 8260B
Tetrachloroethene	141 a	(77 - 117)			SW846 8260B
	151 a	(77 - 117)	3.5	(0-20)	SW846 8260B
Toluene	123 a	(73 - 120)			SW846 8260B
	131 a	(73 - 120)	6.3	(0-20)	SW846 8260B
1,2,4-Trichloro-benzene	90	(73 - 121)			SW846 8260B
	102	(73 - 121)	13	(0-25)	SW846 8260B
1,1,1-Trichloroethane	171 a	(78 - 118)			SW846 8260B
	122 a	(78 - 118)	4.7	(0-20)	SW846 8260B
1,1,2-Trichloroethane	123 a	(76 - 116)			SW846 8260B
	129 a	(76 - 116)	4.3	(0-21)	SW846 8260B
Trichloroethene	83	(78 - 122)			SW846 8260B
	92	(78 - 122)	4.9	(0-20)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7G260168 Work Order #...: J3GM81AE-MS Matrix.....: WATER
MS Lot-Sample #: D7G240237-008 J3GM81AF-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Trichlorofluoromethane	149 a	(63 - 135)			SW846 8260B
	147 a	(63 - 135)	1.9	(0-20)	SW846 8260B
1,2,3-Trichloropropane	90	(72 - 120)			SW846 8260B
	99	(72 - 120)	9.1	(0-23)	SW846 8260B
Vinyl chloride	89	(49 - 136)			SW846 8260B
	92	(49 - 136)	4.0	(0-24)	SW846 8260B
Xylenes (total)	119 a	(77 - 117)			SW846 8260B
	130 a	(77 - 117)	8.3	(0-20)	SW846 8260B
n-Butylbenzene	110	(76 - 117)			SW846 8260B
	117	(76 - 117)	6.4	(0-21)	SW846 8260B
sec-Butylbenzene	90	(80 - 120)			SW846 8260B
	108	(80 - 120)	18	(0-21)	SW846 8260B
Isopropylbenzene	106	(71 - 111)			SW846 8260B
	115 a	(71 - 111)	8.0	(0-20)	SW846 8260B
1,2,4-Trimethylbenzene	111	(77 - 117)			SW846 8260B
	105	(77 - 117)	5.6	(0-20)	SW846 8260B
1,3,5-Trimethylbenzene	105	(77 - 117)			SW846 8260B
	108	(77 - 117)	3.2	(0-20)	SW846 8260B
n-Propylbenzene	83	(76 - 116)			SW846 8260B
	90	(76 - 116)	8.4	(0-20)	SW846 8260B
tert-Butylbenzene	88	(76 - 116)			SW846 8260B
	87	(76 - 116)	1.4	(0-21)	SW846 8260B
Carbon disulfide	85	(56 - 104)			SW846 8260B
	83	(56 - 104)	2.6	(0-20)	SW846 8260B
Dibromochloromethane	104	(76 - 116)			SW846 8260B
	115	(76 - 116)	10	(0-20)	SW846 8260B
2-Chlorotoluene	84	(76 - 116)			SW846 8260B
	89	(76 - 116)	6.3	(0-20)	SW846 8260B
4-Chlorotoluene	85	(78 - 118)			SW846 8260B
	90	(78 - 118)	6.3	(0-20)	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	78	(65 - 117)			SW846 8260B
	79	(65 - 117)	1.9	(0-22)	SW846 8260B
1,3-Dichloropropane	112	(75 - 115)			SW846 8260B
	118 a	(75 - 115)	5.0	(0-20)	SW846 8260B
2,2-Dichloropropane	109	(72 - 128)			SW846 8260B
	110	(72 - 128)	1.4	(0-24)	SW846 8260B
1,1-Dichloropropene	104	(75 - 115)			SW846 8260B
	108	(75 - 115)	3.6	(0-21)	SW846 8260B
Hexachlorobutadiene	99	(73 - 123)			SW846 8260B
	96	(73 - 123)	3.1	(0-25)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: D7G260168 **Work Order #...:** J3GM81AE-MS **Matrix.....:** WATER
MS Lot-Sample #: D7G240237-008 J3GM81AF-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
4-Isopropyltoluene	**91**	**(76 - 113)**			**SW846 8260B**
	95	**(76 - 113)**	**4.8**	**(0-20)**	**SW846 8260B**
Methyl tert-butyl ether	**75**	**(58 - 116)**			**SW846 8260B**
	80	**(58 - 116)**	**6.6**	**(0-21)**	**SW846 8260B**
1,2,3-Trichlorobenzene	**85**	**(66 - 123)**			**SW846 8260B**
	102	**(66 - 123)**	**18**	**(0-29)**	**SW846 8260B**
m-Xylene & p-Xylene	**121 a**	**(78 - 118)**			**SW846 8260B**
	132 a	**(78 - 118)**	**8.6**	**(0-20)**	**SW846 8260B**
o-Xylene	**117**	**(77 - 117)**			**SW846 8260B**
	126 a	**(77 - 117)**	**7.7**	**(0-20)**	**SW846 8260B**
Bromobenzene	**91**	**(75 - 115)**			**SW846 8260B**
	100	**(75 - 115)**	**9.3**	**(0-20)**	**SW846 8260B**
Bromochloromethane	**86**	**(78 - 118)**			**SW846 8260B**
	90	**(78 - 118)**	**5.1**	**(0-20)**	**SW846 8260B**
Naphthalene	**63**	**(62 - 121)**			**SW846 8260B**
	78	**(62 - 121)**	**22**	**(0-32)**	**SW846 8260B**
Vinyl acetate	**104**	**(63 - 124)**			**SW846 8260B**
	97	**(63 - 124)**	**7.2**	**(0-24)**	**SW846 8260B**
2-Pentanone	**77**	**(42 - 115)**			**SW846 8260B**
	87	**(42 - 115)**	**12**	**(0-26)**	**SW846 8260B**
2-Chloroethyl vinyl ether	**44**	**(17 - 150)**			**SW846 8260B**
	0.0	**(17 - 150)**	**200**	**(0-31)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	96	(77 - 119)
	98	(77 - 119)
1,2-Dichloroethane-d4	91	(70 - 127)
	91	(70 - 127)
4-Bromofluorobenzene	111	(78 - 118)
	112	(78 - 118)
Toluene-d8	110	(83 - 125)
	115	(83 - 125)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

ND: The analyte was analyzed for, but not detected.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7G260168 Work Order #...: J3GM81AE-MS Matrix.....: WATER
MS Lot-Sample #: D7G240237-008 J3GM81AF-MSD
Date Sampled...: 07/24/07 12:00 Date Received..: 07/24/07
Prep Date.....: 08/02/07 Analysis Date..: 08/02/07
Prep Batch #...: 7215254 Analysis Time..: 13:24
Dilution Factor: 5

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Acetone	ND	50.0	52.0	ug/L	104		SW846 8260B
	ND	50.0	55.1	ug/L	110	5.8	SW846 8260B
Benzene	ND	25.0	24.1	ug/L	96		SW846 8260B
	ND	25.0	24.8	ug/L	99	2.9	SW846 8260B
Bromodichloromethane	ND	25.0	26.0	ug/L	104		SW846 8260B
	ND	25.0	26.7	ug/L	107	2.8	SW846 8260B
Bromoform	ND	25.0	30.2	ug/L	121		SW846 8260B
	ND	25.0	32.4	ug/L	130 a	7.2	SW846 8260B
Bromomethane	ND	25.0	28.2	ug/L	113		SW846 8260B
	ND	25.0	26.2	ug/L	105	7.4	SW846 8260B
2-Butanone (MEK)	ND	50.0	44.6	ug/L	89		SW846 8260B
	ND	50.0	56.4	ug/L	113	23	SW846 8260B
Carbon tetrachloride	ND	25.0	29.4	ug/L	118		SW846 8260B
	ND	25.0	30.2	ug/L	121 a	2.7	SW846 8260B
Chlorobenzene	ND	25.0	26.8	ug/L	107		SW846 8260B
	ND	25.0	29.9	ug/L	120 a	11	SW846 8260B
Chloroethane	ND	25.0	27.8	ug/L	111		SW846 8260B
	ND	25.0	27.2	ug/L	109	2.3	SW846 8260B
Chloroform	ND	25.0	27.8	ug/L	111		SW846 8260B
	ND	25.0	27.6	ug/L	110	0.82	SW846 8260B
Chloromethane	ND	25.0	20.1	ug/L	80		SW846 8260B
	ND	25.0	20.1	ug/L	80	0.04	SW846 8260B
Dibromomethane	ND	25.0	27.3	ug/L	109		SW846 8260B
	ND	25.0	27.7	ug/L	111	1.6	SW846 8260B
1,2-Dibromoethane (EDB)	ND	25.0	28.3	ug/L	113		SW846 8260B
	ND	25.0	29.8	ug/L	119 a	5.3	SW846 8260B
1,2-Dichlorobenzene	ND	25.0	23.6	ug/L	95		SW846 8260B
	ND	25.0	24.9	ug/L	100	5.1	SW846 8260B
1,3-Dichlorobenzene	ND	25.0	24.1	ug/L	96		SW846 8260B
	ND	25.0	25.1	ug/L	100	4.1	SW846 8260B
1,4-Dichlorobenzene	ND	25.0	23.8	ug/L	95		SW846 8260B
	ND	25.0	25.8	ug/L	103	8.1	SW846 8260B
Dichlorodifluoromethane	ND	25.0	24.4	ug/L	97		SW846 8260B
	ND	25.0	25.2	ug/L	101	3.6	SW846 8260B
1,1-Dichloroethane	13	25.0	39.8	ug/L	107		SW846 8260B
	13	25.0	40.7	ug/L	110	2.2	SW846 8260B
1,2-Dichloroethane	ND	25.0	25.7	ug/L	103		SW846 8260B
	ND	25.0	27.5	ug/L	110	6.9	SW846 8260B
1,1-Dichloroethene	22	25.0	51.0	ug/L	118		SW846 8260B
	22	25.0	51.3	ug/L	118	0.44	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7G260168 **Work Order #...:** J3GM81AE-MS **Matrix.....:** WATER
MS Lot-Sample #: D7G240237-008 J3GM81AF-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,2-Dichloroethene (total)	39	50.0	95.7	ug/L	113		SW846 8260B
	39	50.0	98.3	ug/L	118	2.7	SW846 8260B
cis-1,2-Dichloroethene	39	25.0	68.3	ug/L	116 a		SW846 8260B
	39	25.0	70.1	ug/L	123 a	2.6	SW846 8260B
trans-1,2-Dichloroethene	ND	25.0	27.4	ug/L	110		SW846 8260B
	ND	25.0	28.3	ug/L	113	3.0	SW846 8260B
1,2-Dichloropropane	ND	25.0	23.8	ug/L	95		SW846 8260B
	ND	25.0	25.3	ug/L	101	6.2	SW846 8260B
cis-1,3-Dichloropropene	ND	25.0	26.5	ug/L	106		SW846 8260B
	ND	25.0	30.4	ug/L	121 a	14	SW846 8260B
trans-1,3-Dichloropropene	ND	25.0	27.3	ug/L	109		SW846 8260B
	ND	25.0	29.7	ug/L	119 a	8.3	SW846 8260B
Ethylbenzene	ND	25.0	28.8	ug/L	115		SW846 8260B
	ND	25.0	30.4	ug/L	122 a	5.6	SW846 8260B
2-Hexanone	ND	50.0	53.9	ug/L	108		SW846 8260B
	ND	50.0	56.7	ug/L	113	5.1	SW846 8260B
Methylene chloride	ND	25.0	25.9	ug/L	103		SW846 8260B
	ND	25.0	27.4	ug/L	110	5.8	SW846 8260B
4-Methyl-2-pentanone	ND	50.0	55.1	ug/L	110		SW846 8260B
	ND	50.0	57.0	ug/L	114	3.4	SW846 8260B
Styrene	ND	25.0	30.2	ug/L	121 a		SW846 8260B
	ND	25.0	33.4	ug/L	133 a	10	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	25.0	26.0	ug/L	104		SW846 8260B
	ND	25.0	27.5	ug/L	110	5.8	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	25.0	30.9	ug/L	124 a		SW846 8260B
	ND	25.0	36.5	ug/L	146 a	17	SW846 8260B
Tetrachloroethene	35	25.0	70.6	ug/L	141 a		SW846 8260B
	35	25.0	73.1	ug/L	151 a	3.5	SW846 8260B
Toluene	ND	25.0	30.7	ug/L	123 a		SW846 8260B
	ND	25.0	32.7	ug/L	131 a	6.3	SW846 8260B
1,2,4-Trichloro-benzene	ND	25.0	22.4	ug/L	90		SW846 8260B
	ND	25.0	25.6	ug/L	102	13	SW846 8260B
1,1,1-Trichloroethane	220	25.0	266	ug/L	171 a		SW846 8260B
	220	25.0	253	ug/L	122 a	4.7	SW846 8260B
1,1,2-Trichloroethane	ND	25.0	30.8	ug/L	123 a		SW846 8260B
	ND	25.0	32.1	ug/L	129 a	4.3	SW846 8260B
Trichloroethene	24	25.0	45.2	ug/L	83		SW846 8260B
	24	25.0	47.5	ug/L	92	4.9	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7G260168 Work Order #...: J3GM81AE-MS Matrix.....: WATER
MS Lot-Sample #: D7G240237-008 J3GM81AF-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Trichlorofluoromethane	ND	25.0	37.4	ug/L	149 a		SW846 8260B
	ND	25.0	36.7	ug/L	147 a	1.9	SW846 8260B
1,2,3-Trichloropropane	ND	25.0	22.6	ug/L	90		SW846 8260B
	ND	25.0	24.7	ug/L	99	9.1	SW846 8260B
Vinyl chloride	ND	25.0	22.2	ug/L	89		SW846 8260B
	ND	25.0	23.1	ug/L	92	4.0	SW846 8260B
Xylenes (total)	ND	75.0	89.6	ug/L	119 a		SW846 8260B
	ND	75.0	97.4	ug/L	130 a	8.3	SW846 8260B
n-Butylbenzene	ND	25.0	27.4	ug/L	110		SW846 8260B
	ND	25.0	29.2	ug/L	117	6.4	SW846 8260B
sec-Butylbenzene	ND	25.0	22.6	ug/L	90		SW846 8260B
	ND	25.0	27.0	ug/L	108	18	SW846 8260B
Isopropylbenzene	ND	25.0	26.5	ug/L	106		SW846 8260B
	ND	25.0	28.7	ug/L	115 a	8.0	SW846 8260B
1,2,4-Trimethylbenzene	ND	25.0	27.8	ug/L	111		SW846 8260B
	ND	25.0	26.3	ug/L	105	5.6	SW846 8260B
1,3,5-Trimethylbenzene	ND	25.0	26.3	ug/L	105		SW846 8260B
	ND	25.0	27.1	ug/L	108	3.2	SW846 8260B
n-Propylbenzene	ND	25.0	20.6	ug/L	83		SW846 8260B
	ND	25.0	22.4	ug/L	90	8.4	SW846 8260B
tert-Butylbenzene	ND	25.0	22.1	ug/L	88		SW846 8260B
	ND	25.0	21.8	ug/L	87	1.4	SW846 8260B
Carbon disulfide	ND	25.0	21.2	ug/L	85		SW846 8260B
	ND	25.0	20.6	ug/L	83	2.6	SW846 8260B
Dibromochloromethane	ND	25.0	26.0	ug/L	104		SW846 8260B
	ND	25.0	28.8	ug/L	115	10	SW846 8260B
2-Chlorotoluene	ND	25.0	20.9	ug/L	84		SW846 8260B
	ND	25.0	22.3	ug/L	89	6.3	SW846 8260B
4-Chlorotoluene	ND	25.0	21.2	ug/L	85		SW846 8260B
	ND	25.0	22.5	ug/L	90	6.3	SW846 8260B
1,2-Dibromo-3-chloropropane (DBCP)	ND	25.0	19.4	ug/L	78		SW846 8260B
	ND	25.0	19.8	ug/L	79	1.9	SW846 8260B
1,3-Dichloropropane	ND	25.0	28.0	ug/L	112		SW846 8260B
	ND	25.0	29.5	ug/L	118 a	5.0	SW846 8260B
2,2-Dichloropropane	ND	25.0	27.2	ug/L	109		SW846 8260B
	ND	25.0	27.6	ug/L	110	1.4	SW846 8260B
1,1-Dichloropropene	ND	25.0	26.0	ug/L	104		SW846 8260B
	ND	25.0	27.0	ug/L	108	3.6	SW846 8260B
Hexachlorobutadiene	ND	25.0	24.7	ug/L	99		SW846 8260B
	ND	25.0	23.9	ug/L	96	3.1	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: D7G260168 Work Order #...: J3GM81AE-MS Matrix.....: WATER
MS Lot-Sample #: D7G240237-008 J3GM81AF-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
4-Isopropyltoluene	ND	25.0	22.7	ug/L	91		SW846 8260B
	ND	25.0	23.9	ug/L	95	4.8	SW846 8260B
Methyl tert-butyl ether	ND	50.0	37.7	ug/L	75		SW846 8260B
	ND	50.0	40.2	ug/L	80	6.6	SW846 8260B
1,2,3-Trichlorobenzene	ND	25.0	21.3	ug/L	85		SW846 8260B
	ND	25.0	25.5	ug/L	102	18	SW846 8260B
m-Xylene & p-Xylene	ND	50.0	60.3	ug/L	121 a		SW846 8260B
	ND	50.0	65.8	ug/L	132 a	8.6	SW846 8260B
o-Xylene	ND	25.0	29.3	ug/L	117		SW846 8260B
	ND	25.0	31.6	ug/L	126 a	7.7	SW846 8260B
Bromobenzene	ND	25.0	22.8	ug/L	91		SW846 8260B
	ND	25.0	25.1	ug/L	100	9.3	SW846 8260B
Bromochloromethane	ND	25.0	21.5	ug/L	86		SW846 8260B
	ND	25.0	22.6	ug/L	90	5.1	SW846 8260B
Naphthalene	ND	25.0	15.6	ug/L	63		SW846 8260B
	ND	25.0	19.5	ug/L	78	22	SW846 8260B
Vinyl acetate	ND	25.0	26.1	ug/L	104		SW846 8260B
	ND	25.0	24.3	ug/L	97	7.2	SW846 8260B
2-Pentanone	ND	50.0	38.4	ug/L	77		SW846 8260B
	ND	50.0	43.4	ug/L	87	12	SW846 8260B
2-Chloroethyl vinyl ether	ND	25.0	11.0	ug/L	44		SW846 8260B
	ND	25.0	0.0	ug/L	0.0	200	SW846 8260B

Qualifiers: a,p

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	96	(77 - 119)
	98	(77 - 119)
1,2-Dichloroethane-d4	91	(70 - 127)
	91	(70 - 127)
4-Bromofluorobenzene	111	(78 - 118)
	112	(78 - 118)
Toluene-d8	110	(83 - 125)
	115	(83 - 125)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

p Relative percent difference (RPD) is outside stated control limits.

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: D7G260168 **Work Order #...:** J3NVV1AA **Matrix.....:** SOLID
MB Lot-Sample #: D7G270000-097

Prep Date.....: 07/27/07 **Analysis Time..:** 15:34
Analysis Date..: 08/03/07 **Prep Batch #...:** 7208097
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acenaphthene	ND	330	ug/kg	SW846 8270C
Acenaphthylene	ND	330	ug/kg	SW846 8270C
Acetophenone	ND	330	ug/kg	SW846 8270C
Anthracene	ND	330	ug/kg	SW846 8270C
Benzo(a)anthracene	ND	660	ug/kg	SW846 8270C
Benzo(b)fluoranthene	ND	660	ug/kg	SW846 8270C
Benzo(k)fluoranthene	ND	660	ug/kg	SW846 8270C
Benzo(ghi)perylene	ND	660	ug/kg	SW846 8270C
Benzo(a)pyrene	ND	660	ug/kg	SW846 8270C
bis(2-Chloroethoxy) methane	ND	330	ug/kg	SW846 8270C
bis(2-Chloroethyl)-ether	ND	660	ug/kg	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	660	ug/kg	SW846 8270C
4-Bromophenyl phenyl ether	ND	660	ug/kg	SW846 8270C
Butyl benzyl phthalate	ND	660	ug/kg	SW846 8270C
4-Chloroaniline	ND	1300	ug/kg	SW846 8270C
4-Chloro-3-methylphenol	ND	1300	ug/kg	SW846 8270C
2-Chloronaphthalene	ND	330	ug/kg	SW846 8270C
2-Chlorophenol	ND	660	ug/kg	SW846 8270C
4-Chlorophenyl phenyl ether	ND	660	ug/kg	SW846 8270C
Chrysene	ND	660	ug/kg	SW846 8270C
Dibenz(a,h)anthracene	ND	660	ug/kg	SW846 8270C
Dibenzofuran	ND	660	ug/kg	SW846 8270C
Di-n-butyl phthalate	ND	660	ug/kg	SW846 8270C
3,3'-Dichlorobenzidine	ND	1300	ug/kg	SW846 8270C
2,4-Dichlorophenol	ND	660	ug/kg	SW846 8270C
Diethyl phthalate	ND	660	ug/kg	SW846 8270C
2,4-Dimethylphenol	ND	660	ug/kg	SW846 8270C
Dimethyl phthalate	ND	660	ug/kg	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	3300	ug/kg	SW846 8270C
2,4-Dinitrophenol	ND	3300	ug/kg	SW846 8270C
2,4-Dinitrotoluene	ND	660	ug/kg	SW846 8270C
2,6-Dinitrotoluene	ND	660	ug/kg	SW846 8270C
Di-n-octyl phthalate	ND	660	ug/kg	SW846 8270C
Fluoranthene	ND	660	ug/kg	SW846 8270C
Fluorene	ND	660	ug/kg	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: D7G260168 **Work Order #...:** J3NVV1AA **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Hexachlorobenzene	ND	660	ug/kg	SW846 8270C
Hexachlorocyclopenta-diene	ND	660	ug/kg	SW846 8270C
Hexachloroethane	ND	660	ug/kg	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	660	ug/kg	SW846 8270C
2-Methylnaphthalene	ND	660	ug/kg	SW846 8270C
2-Methylphenol	ND	660	ug/kg	SW846 8270C
Naphthalene	ND	660	ug/kg	SW846 8270C
2-Nitroaniline	ND	3300	ug/kg	SW846 8270C
3-Nitroaniline	ND	3300	ug/kg	SW846 8270C
4-Nitroaniline	ND	3300	ug/kg	SW846 8270C
Nitrobenzene	ND	660	ug/kg	SW846 8270C
2-Nitrophenol	ND	660	ug/kg	SW846 8270C
4-Nitrophenol	ND	3300	ug/kg	SW846 8270C
N-Nitrosodiphenylamine	ND	660	ug/kg	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	660	ug/kg	SW846 8270C
Pentachlorophenol	ND	3300	ug/kg	SW846 8270C
Phenanthrene	ND	660	ug/kg	SW846 8270C
Phenol	ND	660	ug/kg	SW846 8270C
Pyrene	ND	660	ug/kg	SW846 8270C
2,4,5-Trichloro-phenol	ND	660	ug/kg	SW846 8270C
2,4,6-Trichloro-phenol	ND	660	ug/kg	SW846 8270C
bis(2-Chloroisopropyl) ether	ND	660	ug/kg	SW846 8270C
4-Methylphenol	ND	660	ug/kg	SW846 8270C
Hexachlorobutadiene	ND	660	ug/kg	SW846 8270C
Caprolactam	ND	1600	ug/kg	SW846 8270C
Atrazine	ND	330	ug/kg	SW846 8270C
Carbazole	ND	330	ug/kg	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	79	(53 - 120)
Phenol-d5	80	(52 - 120)
Nitrobenzene-d5	87	(50 - 120)
2-Fluorobiphenyl	83	(50 - 120)
2,4,6-Tribromophenol	82	(51 - 120)
Terphenyl-d14	113	(55 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

ND: The analyte was analyzed for, but not detected.

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: D7G260168 **Work Order #...:** J3N4T1AA **Matrix.....:** WATER
MB Lot-Sample #: D7G270000-174

Prep Date.....: 07/27/07 **Analysis Time..:** 12:38
Analysis Date..: 08/07/07 **Prep Batch #...:** 7208174
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Acenaphthene	ND	10	ug/L	SW846 8270C
Acenaphthylene	ND	10	ug/L	SW846 8270C
Acetophenone	ND	10	ug/L	SW846 8270C
Anthracene	ND	10	ug/L	SW846 8270C
Benzo(a)anthracene	ND	10	ug/L	SW846 8270C
Benzo(b)fluoranthene	ND	10	ug/L	SW846 8270C
Benzo(k)fluoranthene	ND	10	ug/L	SW846 8270C
Benzo(ghi)perylene	ND	10	ug/L	SW846 8270C
Benzo(a)pyrene	ND	10	ug/L	SW846 8270C
bis(2-Chloroethoxy) methane	ND	10	ug/L	SW846 8270C
bis(2-Chloroethyl)-ether	ND	10	ug/L	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	SW846 8270C
4-Bromophenyl phenyl ether	ND	10	ug/L	SW846 8270C
Butyl benzyl phthalate	ND	20	ug/L	SW846 8270C
4-Chloroaniline	ND	20	ug/L	SW846 8270C
4-Chloro-3-methylphenol	ND	20	ug/L	SW846 8270C
2-Chloronaphthalene	ND	10	ug/L	SW846 8270C
2-Chlorophenol	ND	10	ug/L	SW846 8270C
4-Chlorophenyl phenyl ether	ND	10	ug/L	SW846 8270C
Chrysene	ND	10	ug/L	SW846 8270C
Dibenz(a,h)anthracene	ND	10	ug/L	SW846 8270C
Dibenzofuran	ND	10	ug/L	SW846 8270C
Di-n-butyl phthalate	ND	20	ug/L	SW846 8270C
3,3'-Dichlorobenzidine	ND	20	ug/L	SW846 8270C
2,4-Dichlorophenol	ND	10	ug/L	SW846 8270C
Diethyl phthalate	ND	20	ug/L	SW846 8270C
2,4-Dimethylphenol	ND	10	ug/L	SW846 8270C
Dimethyl phthalate	ND	20	ug/L	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	60	ug/L	SW846 8270C
2,4-Dinitrophenol	ND	60	ug/L	SW846 8270C
2,4-Dinitrotoluene	ND	20	ug/L	SW846 8270C
2,6-Dinitrotoluene	ND	20	ug/L	SW846 8270C
Di-n-octyl phthalate	ND	20	ug/L	SW846 8270C
Fluoranthene	ND	20	ug/L	SW846 8270C
Fluorene	ND	10	ug/L	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #...: D7G260168 **Work Order #...:** J3N4T1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Hexachlorobenzene	ND	10	ug/L	SW846 8270C
Hexachlorocyclopenta-diene	ND	10	ug/L	SW846 8270C
Hexachloroethane	ND	10	ug/L	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	SW846 8270C
2-Methylnaphthalene	ND	10	ug/L	SW846 8270C
2-Methylphenol	ND	10	ug/L	SW846 8270C
Naphthalene	ND	10	ug/L	SW846 8270C
2-Nitroaniline	ND	50	ug/L	SW846 8270C
3-Nitroaniline	ND	50	ug/L	SW846 8270C
4-Nitroaniline	ND	50	ug/L	SW846 8270C
Nitrobenzene	ND	20	ug/L	SW846 8270C
2-Nitrophenol	ND	20	ug/L	SW846 8270C
4-Nitrophenol	ND	50	ug/L	SW846 8270C
N-Nitrosodiphenylamine	ND	10	ug/L	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	20	ug/L	SW846 8270C
Pentachlorophenol	ND	60	ug/L	SW846 8270C
Phenanthrene	ND	10	ug/L	SW846 8270C
Phenol	ND	10	ug/L	SW846 8270C
Pyrene	ND	10	ug/L	SW846 8270C
2,4,5-Trichloro-phenol	ND	20	ug/L	SW846 8270C
2,4,6-Trichloro-phenol	ND	20	ug/L	SW846 8270C
bis(2-Chloroisopropyl) ether	ND	10	ug/L	SW846 8270C
4-Methylphenol	ND	20	ug/L	SW846 8270C
Hexachlorobutadiene	ND	10	ug/L	SW846 8270C
Caprolactam	ND	20	ug/L	SW846 8270C
Atrazine	ND	50	ug/L	SW846 8270C
Carbazole	ND	10	ug/L	SW846 8270C

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	82	(51 - 120)
Phenol-d5	85	(51 - 120)
Nitrobenzene-d5	81	(48 - 120)
2-Fluorobiphenyl	70	(49 - 120)
2,4,6-Tribromophenol	90	(57 - 120)
Terphenyl-d14	98	(61 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

ND: The analyte was analyzed for, but not detected.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G260168 Work Order #...: J3NVV1AC Matrix.....: SOLID
LCS Lot-Sample#: D7G270000-097
Prep Date.....: 07/27/07 Analysis Date..: 08/03/07
Prep Batch #...: 7208097 Analysis Time..: 12:53
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Acenaphthene	86	(52 - 120)	SW846 8270C
1,2,4-Trichloro-benzene	88	(50 - 120)	SW846 8270C
Acenaphthylene	88	(53 - 120)	SW846 8270C
1,3-Dichlorobenzene	79	(46 - 120)	SW846 8270C
Anthracene	92	(57 - 120)	SW846 8270C
Benzo(a)anthracene	90	(55 - 120)	SW846 8270C
Benzo(b)fluoranthene	95	(52 - 120)	SW846 8270C
Benzo(k)fluoranthene	90	(54 - 120)	SW846 8270C
Benzo(ghi)perylene	96	(50 - 120)	SW846 8270C
Benzo(a)pyrene	90	(54 - 120)	SW846 8270C
bis(2-Chloroethoxy) methane	82	(49 - 120)	SW846 8270C
bis(2-Chloroethyl)-ether	70	(48 - 120)	SW846 8270C
bis(2-Ethylhexyl) phthalate	96	(51 - 120)	SW846 8270C
4-Bromophenyl phenyl ether	94	(53 - 120)	SW846 8270C
Butyl benzyl phthalate	87	(49 - 120)	SW846 8270C
4-Chloroaniline	59	(28 - 120)	SW846 8270C
4-Chloro-3-methylphenol	99	(57 - 120)	SW846 8270C
2-Chloronaphthalene	88	(53 - 120)	SW846 8270C
2-Chlorophenol	84	(53 - 120)	SW846 8270C
4-Chlorophenyl phenyl ether	95	(55 - 120)	SW846 8270C
Chrysene	89	(55 - 120)	SW846 8270C
Dibenz(a,h)anthracene	102	(55 - 120)	SW846 8270C
Dibenzofuran	91	(56 - 120)	SW846 8270C
Di-n-butyl phthalate	100	(57 - 120)	SW846 8270C
3,3'-Dichlorobenzidine	62	(34 - 120)	SW846 8270C
2,4-Dichlorophenol	94	(53 - 120)	SW846 8270C
Diethyl phthalate	98	(57 - 120)	SW846 8270C
2,4-Dimethylphenol	73	(53 - 120)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G260168 Work Order #...: J3NVV1AC Matrix.....: SOLID
LCS Lot-Sample#: D7G270000-097

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Dimethyl phthalate	94	(57 - 120)	SW846 8270C
4,6-Dinitro-2-methylphenol	85	(30 - 120)	SW846 8270C
2,4-Dinitrophenol	76	(15 - 120)	SW846 8270C
2,4-Dinitrotoluene	96	(53 - 120)	SW846 8270C
2,6-Dinitrotoluene	87	(53 - 120)	SW846 8270C
Di-n-octyl phthalate	102	(54 - 120)	SW846 8270C
Fluoranthene	101	(55 - 120)	SW846 8270C
Fluorene	92	(55 - 120)	SW846 8270C
Hexachlorobenzene	97	(51 - 120)	SW846 8270C
Hexachlorocyclopentadiene	86	(35 - 120)	SW846 8270C
Hexachloroethane	83	(46 - 120)	SW846 8270C
Indeno(1,2,3-cd)pyrene	97	(54 - 120)	SW846 8270C
2-Methylnaphthalene	90	(55 - 120)	SW846 8270C
2-Methylphenol	81	(51 - 120)	SW846 8270C
Naphthalene	82	(50 - 120)	SW846 8270C
2-Nitroaniline	97	(50 - 120)	SW846 8270C
Benzyl alcohol	88	(52 - 120)	SW846 8270C
3-Nitroaniline	77	(35 - 120)	SW846 8270C
4-Nitroaniline	82	(44 - 120)	SW846 8270C
Nitrobenzene	87	(49 - 120)	SW846 8270C
2-Nitrophenol	85	(53 - 120)	SW846 8270C
4-Nitrophenol	107	(41 - 120)	SW846 8270C
N-Nitrosodiphenylamine	75	(55 - 120)	SW846 8270C
N-Nitrosodi-n-propylamine	91	(51 - 120)	SW846 8270C
Pentachlorophenol	79	(30 - 120)	SW846 8270C
Phenanthrene	88	(58 - 120)	SW846 8270C
Benzoic acid	73	(10 - 120)	SW846 8270C
Phenol	83	(54 - 120)	SW846 8270C
Pyrene	89	(50 - 120)	SW846 8270C
2,4,5-Trichlorophenol	95	(56 - 120)	SW846 8270C
2,4,6-Trichlorophenol	92	(50 - 120)	SW846 8270C
bis(2-Chloroisopropyl) ether	77	(47 - 120)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G260168 **Work Order #...:** J3NVV1AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7G270000-097

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
4-Methylphenol	**92**	**(53 - 120)**	**SW846 8270C**
Hexachlorobutadiene	**92**	**(48 - 120)**	**SW846 8270C**
Carbazole	**94**	**(54 - 120)**	**SW846 8270C**
Isophorone	**92**	**(46 - 120)**	**SW846 8270C**
Pyridine	**42**	**(23 - 120)**	**SW846 8270C**
3-Methylphenol & 4-Methylphenol	**92**	**(53 - 120)**	**SW846 8270C**
N-Nitrosodimethylamine	**70**	**(41 - 120)**	**SW846 8270C**
1,2-Dichlorobenzene	**83**	**(48 - 120)**	**SW846 8270C**
1,4-Dichlorobenzene	**78**	**(46 - 120)**	**SW846 8270C**
Aniline	**30**	**(17 - 120)**	**SW846 8270C**
1,2-Diphenylhydrazine (as Azobenzene)	**99**	**(54 - 120)**	**SW846 8270C**
1-Methylnaphthalene	**88**	**(52 - 120)**	**SW846 8270C**
1,4-Dioxane	**38**	**(21 - 120)**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	83	(53 - 120)
Phenol-d5	90	(52 - 120)
Nitrobenzene-d5	90	(50 - 120)
2-Fluorobiphenyl	91	(50 - 120)
2,4,6-Tribromophenol	102	(51 - 120)
Terphenyl-d14	97	(55 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G260168 Work Order #...: J3NVV1AC Matrix.....: SOLID
LCS Lot-Sample#: D7G270000-097
Prep Date.....: 07/27/07 Analysis Date..: 08/03/07
Prep Batch #...: 7208097 Analysis Time..: 12:53
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Acenaphthene	3310	2860	ug/kg	86	SW846 8270C
1,2,4-Trichloro-benzene	3310	2910	ug/kg	88	SW846 8270C
Acenaphthylene	3310	2910	ug/kg	88	SW846 8270C
1,3-Dichlorobenzene	3310	2610	ug/kg	79	SW846 8270C
Anthracene	3310	3050	ug/kg	92	SW846 8270C
Benzo(a)anthracene	3310	2970	ug/kg	90	SW846 8270C
Benzo(b)fluoranthene	3310	3140	ug/kg	95	SW846 8270C
Benzo(k)fluoranthene	3310	2960	ug/kg	90	SW846 8270C
Benzo(ghi)perylene	3310	3180	ug/kg	96	SW846 8270C
Benzo(a)pyrene	3310	2990	ug/kg	90	SW846 8270C
bis(2-Chloroethoxy) methane	3310	2720	ug/kg	82	SW846 8270C
bis(2-Chloroethyl)-ether	3310	2320	ug/kg	70	SW846 8270C
bis(2-Ethylhexyl) phthalate	3310	3200	ug/kg	96	SW846 8270C
4-Bromophenyl phenyl ether	3310	3120	ug/kg	94	SW846 8270C
Butyl benzyl phthalate	3310	2870	ug/kg	87	SW846 8270C
4-Chloroaniline	3310	1960	ug/kg	59	SW846 8270C
4-Chloro-3-methylphenol	3310	3270	ug/kg	99	SW846 8270C
2-Chloronaphthalene	3310	2910	ug/kg	88	SW846 8270C
2-Chlorophenol	3310	2780	ug/kg	84	SW846 8270C
4-Chlorophenyl phenyl ether	3310	3160	ug/kg	95	SW846 8270C
Chrysene	3310	2950	ug/kg	89	SW846 8270C
Dibenz(a,h)anthracene	3310	3370	ug/kg	102	SW846 8270C
Dibenzofuran	3310	3020	ug/kg	91	SW846 8270C
Di-n-butyl phthalate	3310	3310	ug/kg	100	SW846 8270C
3,3'-Dichlorobenzidine	3310	2060	ug/kg	62	SW846 8270C
2,4-Dichlorophenol	3310	3120	ug/kg	94	SW846 8270C
Diethyl phthalate	3310	3250	ug/kg	98	SW846 8270C
2,4-Dimethylphenol	3310	2430	ug/kg	73	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G260168 Work Order #...: J3NVV1AC Matrix.....: SOLID
LCS Lot-Sample#: D7G270000-097

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Dimethyl phthalate	3310	3100	ug/kg	94	SW846 8270C
4,6-Dinitro-2-methylphenol	3310	2810	ug/kg	85	SW846 8270C
2,4-Dinitrophenol	3310	2530	ug/kg	76	SW846 8270C
2,4-Dinitrotoluene	3310	3190	ug/kg	96	SW846 8270C
2,6-Dinitrotoluene	3310	2890	ug/kg	87	SW846 8270C
Di-n-octyl phthalate	3310	3370	ug/kg	102	SW846 8270C
Fluoranthene	3310	3360	ug/kg	101	SW846 8270C
Fluorene	3310	3060	ug/kg	92	SW846 8270C
Hexachlorobenzene	3310	3220	ug/kg	97	SW846 8270C
Hexachlorocyclopentadiene	3310	2860	ug/kg	86	SW846 8270C
Hexachloroethane	3310	2760	ug/kg	83	SW846 8270C
Indeno(1,2,3-cd)pyrene	3310	3220	ug/kg	97	SW846 8270C
2-Methylnaphthalene	3310	2960	ug/kg	90	SW846 8270C
2-Methylphenol	3310	2690	ug/kg	81	SW846 8270C
Naphthalene	3310	2730	ug/kg	82	SW846 8270C
2-Nitroaniline	3310	3230	ug/kg	97	SW846 8270C
Benzyl alcohol	3310	2920	ug/kg	88	SW846 8270C
3-Nitroaniline	3310	2550	ug/kg	77	SW846 8270C
4-Nitroaniline	3310	2730	ug/kg	82	SW846 8270C
Nitrobenzene	3310	2900	ug/kg	87	SW846 8270C
2-Nitrophenol	3310	2810	ug/kg	85	SW846 8270C
4-Nitrophenol	3310	3550	ug/kg	107	SW846 8270C
N-Nitrosodiphenylamine	3310	2470	ug/kg	75	SW846 8270C
N-Nitrosodi-n-propylamine	3310	3010	ug/kg	91	SW846 8270C
Pentachlorophenol	3310	2630	ug/kg	79	SW846 8270C
Phenanthrene	3310	2930	ug/kg	88	SW846 8270C
Benzoic acid	3310	2400	ug/kg	73	SW846 8270C
Phenol	3310	2740	ug/kg	83	SW846 8270C
Pyrene	3310	2950	ug/kg	89	SW846 8270C
2,4,5-Trichlorophenol	3310	3150	ug/kg	95	SW846 8270C
2,4,6-Trichlorophenol	3310	3050	ug/kg	92	SW846 8270C
bis(2-Chloroisopropyl) ether	3310	2560	ug/kg	77	SW846 8270C

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G260168 **Work Order #...:** J3NVV1AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7G270000-097

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
4-Methylphenol	**3310**	**3030**	**ug/kg**	**92**	**SW846 8270C**
Hexachlorobutadiene	**3310**	**3060**	**ug/kg**	**92**	**SW846 8270C**
Carbazole	**3310**	**3100**	**ug/kg**	**94**	**SW846 8270C**
Isophorone	**3310**	**3050**	**ug/kg**	**92**	**SW846 8270C**
Pyridine	**3310**	**1390**	**ug/kg**	**42**	**SW846 8270C**
3-Methylphenol & 4-Methylphenol	**3310**	**3030**	**ug/kg**	**92**	**SW846 8270C**
N-Nitrosodimethylamine	**3310**	**2330**	**ug/kg**	**70**	**SW846 8270C**
1,2-Dichlorobenzene	**3310**	**2740**	**ug/kg**	**83**	**SW846 8270C**
1,4-Dichlorobenzene	**3310**	**2590**	**ug/kg**	**78**	**SW846 8270C**
Aniline	**3310**	**1010**	**ug/kg**	**30**	**SW846 8270C**
1,2-Diphenylhydrazine (as Azobenzene)	**3310**	**3260**	**ug/kg**	**99**	**SW846 8270C**
1-Methylnaphthalene	**3310**	**2910**	**ug/kg**	**88**	**SW846 8270C**
1,4-Dioxane	**3310**	**1270**	**ug/kg**	**38**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	83	(53 - 120)
Phenol-d5	90	(52 - 120)
Nitrobenzene-d5	90	(50 - 120)
2-Fluorobiphenyl	91	(50 - 120)
2,4,6-Tribromophenol	102	(51 - 120)
Terphenyl-d14	97	(55 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G260168 Work Order #...: J3N4T1AC Matrix.....: WATER
LCS Lot-Sample#: D7G270000-174
Prep Date.....: 07/27/07 Analysis Date..: 08/07/07
Prep Batch #...: 7208174 Analysis Time..: 12:58
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Acenaphthene	82	(53 - 120)	SW846 8270C
1,2,4-Trichloro-benzene	66	(43 - 120)	SW846 8270C
Acenaphthylene	82	(54 - 120)	SW846 8270C
1,3-Dichlorobenzene	60	(38 - 120)	SW846 8270C
Anthracene	89	(56 - 120)	SW846 8270C
Benzo(a)anthracene	86	(54 - 120)	SW846 8270C
Benzo(b)fluoranthene	84	(57 - 120)	SW846 8270C
Benzo(k)fluoranthene	91	(52 - 120)	SW846 8270C
Benzo(ghi)perylene	85	(53 - 120)	SW846 8270C
Benzo(a)pyrene	83	(53 - 120)	SW846 8270C
bis(2-Chloroethoxy) methane	81	(52 - 120)	SW846 8270C
bis(2-Chloroethyl)-ether	80	(49 - 120)	SW846 8270C
bis(2-Ethylhexyl) phthalate	87	(48 - 120)	SW846 8270C
4-Bromophenyl phenyl ether	94	(52 - 120)	SW846 8270C
Butyl benzyl phthalate	87	(55 - 120)	SW846 8270C
4-Chloroaniline	74	(52 - 120)	SW846 8270C
4-Chloro-3-methylphenol	82	(63 - 120)	SW846 8270C
2-Chloronaphthalene	83	(47 - 120)	SW846 8270C
2-Chlorophenol	80	(57 - 120)	SW846 8270C
4-Chlorophenyl phenyl ether	84	(56 - 120)	SW846 8270C
Chrysene	84	(56 - 120)	SW846 8270C
Dibenz(a,h)anthracene	90	(54 - 120)	SW846 8270C
Dibenzofuran	83	(58 - 120)	SW846 8270C
Di-n-butyl phthalate	88	(52 - 120)	SW846 8270C
3,3'-Dichlorobenzidine	69	(29 - 120)	SW846 8270C
2,4-Dichlorophenol	84	(59 - 120)	SW846 8270C
Diethyl phthalate	86	(61 - 120)	SW846 8270C
2,4-Dimethylphenol	69	(41 - 120)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G260168 **Work Order #...:** J3N4T1AC **Matrix.....:** WATER
LCS Lot-Sample#: D7G270000-174

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Dimethyl phthalate	87	(61 - 120)	SW846 8270C
4,6-Dinitro-2-methylphenol	76	(37 - 126)	SW846 8270C
2,4-Dinitrophenol	77	(30 - 136)	SW846 8270C
2,4-Dinitrotoluene	85	(51 - 120)	SW846 8270C
2,6-Dinitrotoluene	79	(42 - 125)	SW846 8270C
Di-n-octyl phthalate	86	(47 - 120)	SW846 8270C
Fluoranthene	90	(49 - 120)	SW846 8270C
Fluorene	82	(57 - 120)	SW846 8270C
Hexachlorobenzene	96	(53 - 120)	SW846 8270C
Hexachlorocyclopentadiene	57	(10 - 120)	SW846 8270C
Hexachloroethane	57	(36 - 120)	SW846 8270C
Indeno(1,2,3-cd)pyrene	85	(56 - 120)	SW846 8270C
2-Methylnaphthalene	74	(54 - 120)	SW846 8270C
2-Methylphenol	80	(50 - 120)	SW846 8270C
Naphthalene	71	(46 - 120)	SW846 8270C
2-Nitroaniline	89	(44 - 120)	SW846 8270C
Benzyl alcohol	85	(55 - 120)	SW846 8270C
3-Nitroaniline	84	(49 - 120)	SW846 8270C
4-Nitroaniline	78	(39 - 120)	SW846 8270C
Nitrobenzene	81	(41 - 120)	SW846 8270C
2-Nitrophenol	84	(51 - 120)	SW846 8270C
4-Nitrophenol	84	(49 - 124)	SW846 8270C
N-Nitrosodiphenylamine	67	(58 - 120)	SW846 8270C
N-Nitrosodi-n-propylamine	83	(46 - 120)	SW846 8270C
Pentachlorophenol	82	(52 - 120)	SW846 8270C
Phenanthrene	88	(57 - 120)	SW846 8270C
Benzoic acid	75	(16 - 120)	SW846 8270C
Phenol	82	(52 - 120)	SW846 8270C
Pyrene	88	(56 - 120)	SW846 8270C
2,4,5-Trichlorophenol	88	(60 - 120)	SW846 8270C
2,4,6-Trichlorophenol	89	(52 - 120)	SW846 8270C
bis(2-Chloroisopropyl) ether	76	(37 - 120)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G260168 **Work Order #...:** J3N4T1AC **Matrix.....:** WATER
LCS Lot-Sample#: D7G270000-174

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
4-Methylphenol	**81**	**(54 - 120)**	**SW846 8270C**
Hexachlorobutadiene	**65**	**(40 - 120)**	**SW846 8270C**
Carbazole	**90**	**(48 - 120)**	**SW846 8270C**
Isophorone	**83**	**(51 - 120)**	**SW846 8270C**
Pyridine	**67**	**(24 - 120)**	**SW846 8270C**
3-Methylphenol & 4-Methylphenol	**81**	**(54 - 120)**	**SW846 8270C**
N-Nitrosodimethylamine	**75**	**(44 - 120)**	**SW846 8270C**
1,2-Dichlorobenzene	**64**	**(40 - 120)**	**SW846 8270C**
1,4-Dichlorobenzene	**59**	**(38 - 120)**	**SW846 8270C**
Aniline	**45**	**(10 - 120)**	**SW846 8270C**
1,2-Diphenylhydrazine (as Azobenzene)	**83**	**(55 - 120)**	**SW846 8270C**
1-Methylnaphthalene	**73**	**(52 - 120)**	**SW846 8270C**
1,4-Dioxane	**73**	**(43 - 120)**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	81	(51 - 120)
Phenol-d5	85	(51 - 120)
Nitrobenzene-d5	82	(48 - 120)
2-Fluorobiphenyl	82	(49 - 120)
2,4,6-Tribromophenol	109	(57 - 120)
Terphenyl-d14	93	(61 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G260168
LCS Lot-Sample#: D7G270000-174
Prep Date.....: 07/27/07
Prep Batch #...: 7208174
Dilution Factor: 1

Work Order #...: J3N4T1AC

Analysis Date..: 08/07/07
Analysis Time..: 12:58

Matrix.....: WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Acenaphthene	100	82.0	ug/L	82	SW846 8270C
1,2,4-Trichloro-benzene	100	66.1	ug/L	66	SW846 8270C
Acenaphthylene	100	81.8	ug/L	82	SW846 8270C
1,3-Dichlorobenzene	100	59.6	ug/L	60	SW846 8270C
Anthracene	100	89.1	ug/L	89	SW846 8270C
Benzo(a)anthracene	100	86.4	ug/L	86	SW846 8270C
Benzo(b)fluoranthene	100	83.7	ug/L	84	SW846 8270C
Benzo(k)fluoranthene	100	91.1	ug/L	91	SW846 8270C
Benzo(ghi)perylene	100	85.5	ug/L	85	SW846 8270C
Benzo(a)pyrene	100	83.4	ug/L	83	SW846 8270C
bis(2-Chloroethoxy) methane	100	80.7	ug/L	81	SW846 8270C
bis(2-Chloroethyl)-ether	100	80.0	ug/L	80	SW846 8270C
bis(2-Ethylhexyl) phthalate	100	87.1	ug/L	87	SW846 8270C
4-Bromophenyl phenyl ether	100	94.3	ug/L	94	SW846 8270C
Butyl benzyl phthalate	100	86.7	ug/L	87	SW846 8270C
4-Chloroaniline	100	74.1	ug/L	74	SW846 8270C
4-Chloro-3-methylphenol	100	82.0	ug/L	82	SW846 8270C
2-Chloronaphthalene	100	83.3	ug/L	83	SW846 8270C
2-Chlorophenol	100	79.9	ug/L	80	SW846 8270C
4-Chlorophenyl phenyl ether	100	83.6	ug/L	84	SW846 8270C
Chrysene	100	83.9	ug/L	84	SW846 8270C
Dibenz(a,h)anthracene	100	89.6	ug/L	90	SW846 8270C
Dibenzofuran	100	82.7	ug/L	83	SW846 8270C
Di-n-butyl phthalate	100	88.5	ug/L	88	SW846 8270C
3,3'-Dichlorobenzidine	100	69.0	ug/L	69	SW846 8270C
2,4-Dichlorophenol	100	84.4	ug/L	84	SW846 8270C
Diethyl phthalate	100	85.8	ug/L	86	SW846 8270C
2,4-Dimethylphenol	100	69.5	ug/L	69	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G260168 **Work Order #...:** J3N4T1AC **Matrix.....:** WATER
LCS Lot-Sample#: D7G270000-174

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Dimethyl phthalate	100	87.2	ug/L	87	SW846 8270C
4,6-Dinitro-2-methylphenol	100	76.1	ug/L	76	SW846 8270C
2,4-Dinitrophenol	100	77.0	ug/L	77	SW846 8270C
2,4-Dinitrotoluene	100	85.1	ug/L	85	SW846 8270C
2,6-Dinitrotoluene	100	78.6	ug/L	79	SW846 8270C
Di-n-octyl phthalate	100	86.3	ug/L	86	SW846 8270C
Fluoranthene	100	89.9	ug/L	90	SW846 8270C
Fluorene	100	82.4	ug/L	82	SW846 8270C
Hexachlorobenzene	100	95.9	ug/L	96	SW846 8270C
Hexachlorocyclopentadiene	100	56.9	ug/L	57	SW846 8270C
Hexachloroethane	100	56.9	ug/L	57	SW846 8270C
Indeno(1,2,3-cd)pyrene	100	85.0	ug/L	85	SW846 8270C
2-Methylnaphthalene	100	73.6	ug/L	74	SW846 8270C
2-Methylphenol	100	79.9	ug/L	80	SW846 8270C
Naphthalene	100	70.6	ug/L	71	SW846 8270C
2-Nitroaniline	100	89.0	ug/L	89	SW846 8270C
Benzyl alcohol	100	85.0	ug/L	85	SW846 8270C
3-Nitroaniline	100	83.9	ug/L	84	SW846 8270C
4-Nitroaniline	100	78.3	ug/L	78	SW846 8270C
Nitrobenzene	100	80.9	ug/L	81	SW846 8270C
2-Nitrophenol	100	84.1	ug/L	84	SW846 8270C
4-Nitrophenol	100	84.5	ug/L	84	SW846 8270C
N-Nitrosodiphenylamine	100	67.2	ug/L	67	SW846 8270C
N-Nitrosodi-n-propylamine	100	82.7	ug/L	83	SW846 8270C
Pentachlorophenol	100	81.8	ug/L	82	SW846 8270C
Phenanthrene	100	87.8	ug/L	88	SW846 8270C
Benzoic acid	100	75.3	ug/L	75	SW846 8270C
Phenol	100	82.0	ug/L	82	SW846 8270C
Pyrene	100	88.0	ug/L	88	SW846 8270C
2,4,5-Trichlorophenol	100	88.4	ug/L	88	SW846 8270C
2,4,6-Trichlorophenol	100	89.4	ug/L	89	SW846 8270C
bis(2-Chloroisopropyl) ether	100	75.9	ug/L	76	SW846 8270C

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G260168 **Work Order #...:** J3N4T1AC **Matrix.....:** WATER
LCS Lot-Sample#: D7G270000-174

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
4-Methylphenol	**100**	**80.7**	**ug/L**	**81**	**SW846 8270C**
Hexachlorobutadiene	**100**	**65.0**	**ug/L**	**65**	**SW846 8270C**
Carbazole	**100**	**89.6**	**ug/L**	**90**	**SW846 8270C**
Isophorone	**100**	**83.0**	**ug/L**	**83**	**SW846 8270C**
Pyridine	**100**	**67.5**	**ug/L**	**67**	**SW846 8270C**
3-Methylphenol & 4-Methylphenol	**100**	**80.7**	**ug/L**	**81**	**SW846 8270C**
N-Nitrosodimethylamine	**100**	**74.7**	**ug/L**	**75**	**SW846 8270C**
1,2-Dichlorobenzene	**100**	**63.6**	**ug/L**	**64**	**SW846 8270C**
1,4-Dichlorobenzene	**100**	**59.1**	**ug/L**	**59**	**SW846 8270C**
Aniline	**100**	**44.7**	**ug/L**	**45**	**SW846 8270C**
1,2-Diphenylhydrazine (as Azobenzene)	**100**	**82.6**	**ug/L**	**83**	**SW846 8270C**
1-Methylnaphthalene	**100**	**72.9**	**ug/L**	**73**	**SW846 8270C**
1,4-Dioxane	**100**	**72.6**	**ug/L**	**73**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	81	(51 - 120)
Phenol-d5	85	(51 - 120)
Nitrobenzene-d5	82	(48 - 120)
2-Fluorobiphenyl	82	(49 - 120)
2,4,6-Tribromophenol	109	(57 - 120)
Terphenyl-d14	93	(61 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G260168 **Work Order #...:** J3LF81AT-MS **Matrix.....:** SO
MS Lot-Sample #: D7G260168-002 J3LF81AU-MSD
Date Sampled...: 07/24/07 12:00 **Date Received..:** 07/26/07
Prep Date.....: 07/27/07 **Analysis Date..:** 08/03/07
Prep Batch #...: 7208097 **Analysis Time..:** 13:13
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Acenaphthene	81	(52 - 120)			SW846 8270C
	79	(52 - 120)	0.98	(0-30)	SW846 8270C
1,2,4-Trichloro-benzene	73	(50 - 120)			SW846 8270C
	76	(50 - 120)	5.4	(0-30)	SW846 8270C
Acenaphthylene	82	(53 - 120)			SW846 8270C
	79	(53 - 120)	2.4	(0-30)	SW846 8270C
1,3-Dichlorobenzene	64	(46 - 120)			SW846 8270C
	68	(46 - 120)	6.5	(0-32)	SW846 8270C
Anthracene	87	(57 - 120)			SW846 8270C
	88	(57 - 120)	2.3	(0-30)	SW846 8270C
Benzo(a)anthracene	86	(55 - 120)			SW846 8270C
	84	(55 - 120)	1.4	(0-30)	SW846 8270C
Benzo(b)fluoranthene	89	(52 - 120)			SW846 8270C
	92	(52 - 120)	5.2	(0-44)	SW846 8270C
Benzo(k)fluoranthene	84	(54 - 120)			SW846 8270C
	82	(54 - 120)	0.51	(0-30)	SW846 8270C
Benzo(ghi)perylene	91	(50 - 120)			SW846 8270C
	92	(50 - 120)	2.0	(0-31)	SW846 8270C
Benzo(a)pyrene	84	(54 - 120)			SW846 8270C
	85	(54 - 120)	2.0	(0-30)	SW846 8270C
bis(2-Chloroethoxy) methane	73	(49 - 120)			SW846 8270C
	71	(49 - 120)	0.88	(0-30)	SW846 8270C
bis(2-Chloroethyl)-ether	60	(48 - 120)			SW846 8270C
	63	(48 - 120)	6.8	(0-30)	SW846 8270C
bis(2-Ethylhexyl) phthalate	93	(51 - 120)			SW846 8270C
	92	(51 - 120)	0.82	(0-30)	SW846 8270C
4-Bromophenyl phenyl ether	93	(53 - 120)			SW846 8270C
	90	(53 - 120)	2.2	(0-30)	SW846 8270C
Butyl benzyl phthalate	84	(49 - 120)			SW846 8270C
	84	(49 - 120)	0.75	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G260168 **Work Order #...:** J3LF81AT-MS **Matrix.....:** SO
MS Lot-Sample #: D7G260168-002 J3LF81AU-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
4-Chloroaniline	59	(28 - 120)			SW846 8270C
	58	(28 - 120)	0.87	(0-30)	SW846 8270C
4-Chloro-3-methylphenol	91	(57 - 120)			SW846 8270C
	92	(57 - 120)	2.4	(0-30)	SW846 8270C
2-Chloronaphthalene	79	(53 - 120)			SW846 8270C
	79	(53 - 120)	1.3	(0-30)	SW846 8270C
2-Chlorophenol	72	(53 - 120)			SW846 8270C
	76	(53 - 120)	6.8	(0-30)	SW846 8270C
4-Chlorophenyl phenyl ether	91	(55 - 120)			SW846 8270C
	90	(55 - 120)	0.12	(0-30)	SW846 8270C
Chrysene	86	(55 - 120)			SW846 8270C
	85	(55 - 120)	0.38	(0-35)	SW846 8270C
Dibenz(a,h)anthracene	96	(55 - 120)			SW846 8270C
	98	(55 - 120)	3.2	(0-30)	SW846 8270C
Dibenzofuran	83	(56 - 120)			SW846 8270C
	82	(56 - 120)	0.85	(0-30)	SW846 8270C
Di-n-butyl phthalate	95	(57 - 120)			SW846 8270C
	95	(57 - 120)	1.9	(0-30)	SW846 8270C
3,3'-Dichlorobenzidine	72	(34 - 120)			SW846 8270C
	72	(34 - 120)	0.75	(0-30)	SW846 8270C
2,4-Dichlorophenol	85	(53 - 120)			SW846 8270C
	85	(53 - 120)	0.98	(0-30)	SW846 8270C
Diethyl phthalate	94	(57 - 120)			SW846 8270C
	96	(57 - 120)	3.5	(0-30)	SW846 8270C
2,4-Dimethylphenol	78	(53 - 120)			SW846 8270C
	78	(53 - 120)	0.68	(0-30)	SW846 8270C
Dimethyl phthalate	89	(57 - 120)			SW846 8270C
	90	(57 - 120)	2.9	(0-30)	SW846 8270C
4,6-Dinitro-2-methylphenol	73	(30 - 120)			SW846 8270C
	72	(30 - 120)	0.23	(0-30)	SW846 8270C
2,4-Dinitrophenol	64	(15 - 120)			SW846 8270C
	57	(15 - 120)	10	(0-34)	SW846 8270C
2,4-Dinitrotoluene	89	(53 - 120)			SW846 8270C
	92	(53 - 120)	3.6	(0-30)	SW846 8270C
2,6-Dinitrotoluene	83	(53 - 120)			SW846 8270C
	82	(53 - 120)	0.20	(0-30)	SW846 8270C
Di-n-octyl phthalate	99	(54 - 120)			SW846 8270C
	98	(54 - 120)	0.96	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G260168 **Work Order #...:** J3LF81AT-MS **Matrix.....:** SO
MS Lot-Sample #: D7G260168-002 J3LF81AU-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Fluoranthene	93	(55 - 120)			SW846 8270C
	96	(55 - 120)	4.0	(0-30)	SW846 8270C
Fluorene	86	(55 - 120)			SW846 8270C
	85	(55 - 120)	0.07	(0-30)	SW846 8270C
Hexachlorobenzene	92	(51 - 120)			SW846 8270C
	90	(51 - 120)	0.94	(0-30)	SW846 8270C
Hexachlorocyclopenta-diene	79	(35 - 120)			SW846 8270C
	81	(35 - 120)	3.0	(0-30)	SW846 8270C
Hexachloroethane	67	(46 - 120)			SW846 8270C
	70	(46 - 120)	4.5	(0-30)	SW846 8270C
Indeno(1,2,3-cd)pyrene	91	(54 - 120)			SW846 8270C
	92	(54 - 120)	2.2	(0-30)	SW846 8270C
2-Methylnaphthalene	78	(55 - 120)			SW846 8270C
	78	(55 - 120)	1.9	(0-30)	SW846 8270C
2-Methylphenol	75	(51 - 120)			SW846 8270C
	76	(51 - 120)	2.6	(0-30)	SW846 8270C
Naphthalene	71	(50 - 120)			SW846 8270C
	72	(50 - 120)	2.0	(0-30)	SW846 8270C
2-Nitroaniline	92	(50 - 120)			SW846 8270C
	92	(50 - 120)	1.8	(0-30)	SW846 8270C
Benzyl alcohol	80	(52 - 120)			SW846 8270C
	79	(52 - 120)	0.48	(0-30)	SW846 8270C
3-Nitroaniline	77	(35 - 120)			SW846 8270C
	79	(35 - 120)	4.4	(0-30)	SW846 8270C
4-Nitroaniline	79	(44 - 120)			SW846 8270C
	81	(44 - 120)	2.7	(0-30)	SW846 8270C
Nitrobenzene	73	(49 - 120)			SW846 8270C
	77	(49 - 120)	6.0	(0-30)	SW846 8270C
2-Nitrophenol	73	(53 - 120)			SW846 8270C
	73	(53 - 120)	0.40	(0-30)	SW846 8270C
4-Nitrophenol	100	(41 - 120)			SW846 8270C
	100	(41 - 120)	0.92	(0-30)	SW846 8270C
N-Nitrosodiphenylamine	72	(55 - 120)			SW846 8270C
	71	(55 - 120)	0.42	(0-36)	SW846 8270C
N-Nitrosodi-n-propyl-amine	81	(51 - 120)			SW846 8270C
	81	(51 - 120)	2.0	(0-30)	SW846 8270C
Pentachlorophenol	80	(30 - 120)			SW846 8270C
	82	(30 - 120)	3.3	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G260168 **Work Order #...:** J3LF81AT-MS **Matrix.....:** SO
MS Lot-Sample #: D7G260168-002 J3LF81AU-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Phenanthrene	84	(58 - 120)			SW846 8270C
	83	(58 - 120)	0.25	(0-30)	SW846 8270C
Benzoic acid	62	(10 - 120)			SW846 8270C
	58	(10 - 120)	5.5	(0-32)	SW846 8270C
Phenol	74	(54 - 120)			SW846 8270C
	75	(54 - 120)	3.3	(0-30)	SW846 8270C
Pyrene	87	(50 - 120)			SW846 8270C
	82	(50 - 120)	4.6	(0-38)	SW846 8270C
2,4,5-Trichloro-phenol	88	(56 - 120)			SW846 8270C
	89	(56 - 120)	2.3	(0-30)	SW846 8270C
2,4,6-Trichloro-phenol	87	(50 - 120)			SW846 8270C
	84	(50 - 120)	2.2	(0-30)	SW846 8270C
bis(2-Chloroisopropyl) ether	66	(47 - 120)			SW846 8270C
	69	(47 - 120)	5.7	(0-30)	SW846 8270C
4-Methylphenol	80	(53 - 120)			SW846 8270C
	81	(53 - 120)	1.5	(0-30)	SW846 8270C
Hexachlorobutadiene	79	(48 - 120)			SW846 8270C
	81	(48 - 120)	3.2	(0-30)	SW846 8270C
Carbazole	88	(54 - 120)			SW846 8270C
	88	(54 - 120)	2.0	(0-30)	SW846 8270C
Isophorone	82	(46 - 120)			SW846 8270C
	82	(46 - 120)	1.3	(0-30)	SW846 8270C
Pyridine	53	(23 - 120)			SW846 8270C
	54	(23 - 120)	3.6	(0-30)	SW846 8270C
3-Methylphenol & 4-Methylphenol	80	(53 - 120)			SW846 8270C
	81	(53 - 120)	1.5	(0-30)	SW846 8270C
N-Nitrosodimethylamine	59	(41 - 120)			SW846 8270C
	59	(41 - 120)	1.0	(0-30)	SW846 8270C
1,2-Dichlorobenzene	66	(48 - 120)			SW846 8270C
	72	(48 - 120)	8.9	(0-30)	SW846 8270C
1,4-Dichlorobenzene	63	(46 - 120)			SW846 8270C
	67	(46 - 120)	6.2	(0-30)	SW846 8270C
Aniline	31	(17 - 120)			SW846 8270C
	32	(17 - 120)	2.1	(0-30)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: D7G260168 **Work Order #...:** J3LF81AT-MS **Matrix.....:** SO
MS Lot-Sample #: D7G260168-002 J3LF81AU-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,2-Diphenylhydrazine (as Azobenzene)	**93**	**(54 - 120)**			**SW846 8270C**
	92	**(54 - 120)**	**0.24**	**(0-30)**	**SW846 8270C**
1-Methylnaphthalene	**76**	**(52 - 120)**			**SW846 8270C**
	78	**(52 - 120)**	**3.4**	**(0-30)**	**SW846 8270C**
1,4-Dioxane	**35**	**(21 - 120)**			**SW846 8270C**
	35	**(21 - 120)**	**2.4**	**(0-30)**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	70	(53 - 120)
	74	(53 - 120)
Phenol-d5	76	(52 - 120)
	78	(52 - 120)
Nitrobenzene-d5	76	(50 - 120)
	79	(50 - 120)
2-Fluorobiphenyl	82	(50 - 120)
	79	(50 - 120)
2,4,6-Tribromophenol	96	(51 - 120)
	94	(51 - 120)
Terphenyl-d14	94	(55 - 120)
	90	(55 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G260168 **Work Order #...:** J3LF81AT-MS **Matrix.....:** SO
MS Lot-Sample #: D7G260168-002 J3LF81AU-MSD
Date Sampled...: 07/24/07 12:00 **Date Received..:** 07/26/07
Prep Date.....: 07/27/07 **Analysis Date..:** 08/03/07
Prep Batch #...: 7208097 **Analysis Time..:** 13:13
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Acenaphthene	ND	3480	2800	ug/kg	81		SW846 8270C
	ND	3520	2770	ug/kg	79	0.98	SW846 8270C
1,2,4-Trichloro-benzene	ND	3480	2540	ug/kg	73		SW846 8270C
	ND	3520	2680	ug/kg	76	5.4	SW846 8270C
Acenaphthylene	ND	3480	2840	ug/kg	82		SW846 8270C
	ND	3520	2770	ug/kg	79	2.4	SW846 8270C
1,3-Dichlorobenzene	ND	3480	2240	ug/kg	64		SW846 8270C
	ND	3520	2390	ug/kg	68	6.5	SW846 8270C
Anthracene	ND	3480	3020	ug/kg	87		SW846 8270C
	ND	3520	3090	ug/kg	88	2.3	SW846 8270C
Benzo(a)anthracene	ND	3480	2990	ug/kg	86		SW846 8270C
	ND	3520	2950	ug/kg	84	1.4	SW846 8270C
Benzo(b)fluoranthene	ND	3480	3080	ug/kg	89		SW846 8270C
	ND	3520	3250	ug/kg	92	5.2	SW846 8270C
Benzo(k)fluoranthene	ND	3480	2900	ug/kg	84		SW846 8270C
	ND	3520	2890	ug/kg	82	0.51	SW846 8270C
Benzo(ghi)perylene	ND	3480	3170	ug/kg	91		SW846 8270C
	ND	3520	3240	ug/kg	92	2.0	SW846 8270C
Benzo(a)pyrene	ND	3480	2920	ug/kg	84		SW846 8270C
	ND	3520	2980	ug/kg	85	2.0	SW846 8270C
bis(2-Chloroethoxy) methane	ND	3480	2530	ug/kg	73		SW846 8270C
	ND	3520	2510	ug/kg	71	0.88	SW846 8270C
bis(2-Chloroethyl)-ether	ND	3480	2080	ug/kg	60		SW846 8270C
	ND	3520	2230	ug/kg	63	6.8	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	3480	3220	ug/kg	93		SW846 8270C
	ND	3520	3250	ug/kg	92	0.82	SW846 8270C
4-Bromophenyl phenyl ether	ND	3480	3240	ug/kg	93		SW846 8270C
	ND	3520	3170	ug/kg	90	2.2	SW846 8270C
Butyl benzyl phthalate	ND	3480	2930	ug/kg	84		SW846 8270C
	ND	3520	2950	ug/kg	84	0.75	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G260168 **Work Order #...:** J3LF81AT-MS **Matrix.....:** SO
MS Lot-Sample #: D7G260168-002 J3LF81AU-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
4-Chloroaniline	ND	3480	2060	ug/kg	59		SW846 8270C
	ND	3520	2040	ug/kg	58	0.87	SW846 8270C
4-Chloro-3-methylphenol	ND	3480	3160	ug/kg	91		SW846 8270C
	ND	3520	3240	ug/kg	92	2.4	SW846 8270C
2-Chloronaphthalene	ND	3480	2750	ug/kg	79		SW846 8270C
	ND	3520	2780	ug/kg	79	1.3	SW846 8270C
2-Chlorophenol	ND	3480	2510	ug/kg	72		SW846 8270C
	ND	3520	2680	ug/kg	76	6.8	SW846 8270C
4-Chlorophenyl phenyl ether	ND	3480	3160	ug/kg	91		SW846 8270C
	ND	3520	3160	ug/kg	90	0.12	SW846 8270C
Chrysene	ND	3480	3000	ug/kg	86		SW846 8270C
	ND	3520	2990	ug/kg	85	0.38	SW846 8270C
Dibenz(a,h)anthracene	ND	3480	3330	ug/kg	96		SW846 8270C
	ND	3520	3440	ug/kg	98	3.2	SW846 8270C
Dibenzofuran	ND	3480	2880	ug/kg	83		SW846 8270C
	ND	3520	2910	ug/kg	82	0.85	SW846 8270C
Di-n-butyl phthalate	ND	3480	3290	ug/kg	95		SW846 8270C
	ND	3520	3360	ug/kg	95	1.9	SW846 8270C
3,3'-Dichlorobenzidine	ND	3480	2510	ug/kg	72		SW846 8270C
	ND	3520	2530	ug/kg	72	0.75	SW846 8270C
2,4-Dichlorophenol	ND	3480	2960	ug/kg	85		SW846 8270C
	ND	3520	2990	ug/kg	85	0.98	SW846 8270C
Diethyl phthalate	ND	3480	3260	ug/kg	94		SW846 8270C
	ND	3520	3380	ug/kg	96	3.5	SW846 8270C
2,4-Dimethylphenol	ND	3480	2710	ug/kg	78		SW846 8270C
	ND	3520	2730	ug/kg	78	0.68	SW846 8270C
Dimethyl phthalate	ND	3480	3090	ug/kg	89		SW846 8270C
	ND	3520	3180	ug/kg	90	2.9	SW846 8270C
4,6-Dinitro-2-methylphenol	ND	3480	2550	ug/kg	73		SW846 8270C
	ND	3520	2540	ug/kg	72	0.23	SW846 8270C
2,4-Dinitrophenol	ND	3480	2210	ug/kg	64		SW846 8270C
	ND	3520	2000	ug/kg	57	10	SW846 8270C
2,4-Dinitrotoluene	ND	3480	3110	ug/kg	89		SW846 8270C
	ND	3520	3230	ug/kg	92	3.6	SW846 8270C
2,6-Dinitrotoluene	ND	3480	2880	ug/kg	83		SW846 8270C
	ND	3520	2870	ug/kg	82	0.20	SW846 8270C
Di-n-octyl phthalate	ND	3480	3430	ug/kg	99		SW846 8270C
	ND	3520	3470	ug/kg	98	0.96	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G260168 **Work Order #...:** J3LF81AT-MS **Matrix.....:** SO
MS Lot-Sample #: D7G260168-002 J3LF81AU-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Fluoranthene	ND	3480	3240	ug/kg	93		SW846 8270C
	ND	3520	3370	ug/kg	96	4.0	SW846 8270C
Fluorene	ND	3480	2990	ug/kg	86		SW846 8270C
	ND	3520	3000	ug/kg	85	0.07	SW846 8270C
Hexachlorobenzene	ND	3480	3190	ug/kg	92		SW846 8270C
	ND	3520	3160	ug/kg	90	0.94	SW846 8270C
Hexachlorocyclopenta-diene	ND	3480	2750	ug/kg	79		SW846 8270C
	ND	3520	2840	ug/kg	81	3.0	SW846 8270C
Hexachloroethane	ND	3480	2340	ug/kg	67		SW846 8270C
	ND	3520	2450	ug/kg	70	4.5	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	3480	3160	ug/kg	91		SW846 8270C
	ND	3520	3230	ug/kg	92	2.2	SW846 8270C
2-Methylnaphthalene	ND	3480	2710	ug/kg	78		SW846 8270C
	ND	3520	2760	ug/kg	78	1.9	SW846 8270C
2-Methylphenol	ND	3480	2600	ug/kg	75		SW846 8270C
	ND	3520	2660	ug/kg	76	2.6	SW846 8270C
Naphthalene	ND	3480	2480	ug/kg	71		SW846 8270C
	ND	3520	2530	ug/kg	72	2.0	SW846 8270C
2-Nitroaniline	ND	3480	3190	ug/kg	92		SW846 8270C
	ND	3520	3250	ug/kg	92	1.8	SW846 8270C
Benzyl alcohol	ND	3480	2790	ug/kg	80		SW846 8270C
	ND	3520	2780	ug/kg	79	0.48	SW846 8270C
3-Nitroaniline	ND	3480	2680	ug/kg	77		SW846 8270C
	ND	3520	2800	ug/kg	79	4.4	SW846 8270C
4-Nitroaniline	ND	3480	2760	ug/kg	79		SW846 8270C
	ND	3520	2840	ug/kg	81	2.7	SW846 8270C
Nitrobenzene	ND	3480	2550	ug/kg	73		SW846 8270C
	ND	3520	2710	ug/kg	77	6.0	SW846 8270C
2-Nitrophenol	ND	3480	2550	ug/kg	73		SW846 8270C
	ND	3520	2560	ug/kg	73	0.40	SW846 8270C
4-Nitrophenol	ND	3480	3480	ug/kg	100		SW846 8270C
	ND	3520	3510	ug/kg	100	0.92	SW846 8270C
N-Nitrosodiphenylamine	ND	3480	2520	ug/kg	72		SW846 8270C
	ND	3520	2510	ug/kg	71	0.42	SW846 8270C
N-Nitrosodi-n-propyl-amine	ND	3480	2800	ug/kg	81		SW846 8270C
	ND	3520	2860	ug/kg	81	2.0	SW846 8270C
Pentachlorophenol	ND	3480	2800	ug/kg	80		SW846 8270C
	ND	3520	2890	ug/kg	82	3.3	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G260168 **Work Order #...:** J3LF81AT-MS **Matrix.....:** SO
MS Lot-Sample #: D7G260168-002 J3LF81AU-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Phenanthrene	ND	3480	2930	ug/kg	84		SW846 8270C
	ND	3520	2940	ug/kg	83	0.25	SW846 8270C
Benzoic acid	ND	3480	2170	ug/kg	62		SW846 8270C
	ND	3520	2050	ug/kg	58	5.5	SW846 8270C
Phenol	ND	3480	2560	ug/kg	74		SW846 8270C
	ND	3520	2650	ug/kg	75	3.3	SW846 8270C
Pyrene	ND	3480	3040	ug/kg	87		SW846 8270C
	ND	3520	2900	ug/kg	82	4.6	SW846 8270C
2,4,5-Trichloro-phenol	ND	3480	3050	ug/kg	88		SW846 8270C
	ND	3520	3120	ug/kg	89	2.3	SW846 8270C
2,4,6-Trichloro-phenol	ND	3480	3040	ug/kg	87		SW846 8270C
	ND	3520	2970	ug/kg	84	2.2	SW846 8270C
bis(2-Chloroisopropyl) ether	ND	3480	2280	ug/kg	66		SW846 8270C
	ND	3520	2420	ug/kg	69	5.7	SW846 8270C
4-Methylphenol	ND	3480	2800	ug/kg	80		SW846 8270C
	ND	3520	2840	ug/kg	81	1.5	SW846 8270C
Hexachlorobutadiene	ND	3480	2760	ug/kg	79		SW846 8270C
	ND	3520	2850	ug/kg	81	3.2	SW846 8270C
Carbazole	ND	3480	3050	ug/kg	88		SW846 8270C
	ND	3520	3110	ug/kg	88	2.0	SW846 8270C
Isophorone	ND	3480	2860	ug/kg	82		SW846 8270C
	ND	3520	2900	ug/kg	82	1.3	SW846 8270C
Pyridine	ND	3480	1830	ug/kg	53		SW846 8270C
	ND	3520	1890	ug/kg	54	3.6	SW846 8270C
3-Methylphenol & 4-Methylphenol	ND	3480	2800	ug/kg	80		SW846 8270C
	ND	3520	2840	ug/kg	81	1.5	SW846 8270C
N-Nitrosodimethylamine	ND	3480	2060	ug/kg	59		SW846 8270C
	ND	3520	2080	ug/kg	59	1.0	SW846 8270C
1,2-Dichlorobenzene	ND	3480	2310	ug/kg	66		SW846 8270C
	ND	3520	2520	ug/kg	72	8.9	SW846 8270C
1,4-Dichlorobenzene	ND	3480	2200	ug/kg	63		SW846 8270C
	ND	3520	2340	ug/kg	67	6.2	SW846 8270C
Aniline	ND	3480	1100	ug/kg	31		SW846 8270C
	ND	3520	1120	ug/kg	32	2.1	SW846 8270C

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Semivolatiles

Client Lot #...: D7G260168 **Work Order #...:** J3LF81AT-MS **Matrix.....:** SO
MS Lot-Sample #: D7G260168-002 J3LF81AU-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,2-Diphenylhydrazine (as Azobenzene)	**ND**	**3480**	**3220**	**ug/kg**	**93**		**SW846 8270C**
	ND	**3520**	**3230**	**ug/kg**	**92**	**0.24**	**SW846 8270C**
1-Methylnaphthalene	**ND**	**3480**	**2660**	**ug/kg**	**76**		**SW846 8270C**
	ND	**3520**	**2750**	**ug/kg**	**78**	**3.4**	**SW846 8270C**
1,4-Dioxane	**ND**	**3480**	**1220**	**ug/kg**	**35**		**SW846 8270C**
	ND	**3520**	**1250**	**ug/kg**	**35**	**2.4**	**SW846 8270C**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
2-Fluorophenol	70	(53 - 120)
Phenol-d5	74	(53 - 120)
Nitrobenzene-d5	76	(52 - 120)
2-Fluorobiphenyl	78	(52 - 120)
2,4,6-Tribromophenol	76	(50 - 120)
Terphenyl-d14	79	(50 - 120)
	82	(50 - 120)
	79	(50 - 120)
	96	(51 - 120)
	94	(51 - 120)
	94	(55 - 120)
	90	(55 - 120)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

METHOD BLANK REPORT

GC Volatiles

Client Lot #...: D7G260168 **Work Order #...:** J3VLJ1AA **Matrix.....:** WATER
MB Lot-Sample #: D7G300000-389

Prep Date.....: 07/27/07 **Analysis Time..:** 11:16
Analysis Date..: 07/27/07 **Prep Batch #...:** 7211389
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Gasoline Range Organics	ND	25	ug/L	SW846 8015B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	101	(82 - 110)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC Volatiles

Client Lot #...: D7G260168
MB Lot-Sample #: D7H060000-276

Work Order #...: J39MT1AA

Matrix.....: SOLID

Analysis Date..: 08/02/07
Dilution Factor: 1

Prep Date.....: 08/01/07
Prep Batch #...: 7218276

Analysis Time..: 11:00

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Gasoline Range Organics	**0.36 J**	**1.2**	**mg/kg**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	84	(77 - 123)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

J Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...: D7G260168
LCS Lot-Sample#: D7G300000-389
Prep Date.....: 07/27/07
Prep Batch #...: 7211389
Dilution Factor: 1

Work Order #...: J3VLJ1AC-LCS
J3VLJ1AD-LCSD
Analysis Date..: 07/27/07
Analysis Time..: 10:14

Matrix.....: WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Gasoline Range Organics	**103**	**(79 - 149)**			**SW846 8015B**
	108	**(79 - 149)**	**5.6**	**(0-27)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	110	(82 - 110)
	104	(82 - 110)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Volatiles

Client Lot #...: D7G260168
LCS Lot-Sample#: D7G300000-389
Prep Date.....: 07/27/07
Prep Batch #...: 7211389
Dilution Factor: 1

Work Order #...: J3VLJ1AC-LCS
J3VLJ1AD-LCSD
Analysis Date..: 07/27/07
Analysis Time..: 10:14

Matrix.....: WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Gasoline Range Organics	**100**	**103**	**ug/L**	**103**		**SW846 8015B**
	100	**108**	**ug/L**	**108**	**5.6**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	110	(82 - 110)
	104	(82 - 110)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...: D7G260168 **Work Order #...:** J39MT1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: D7H060000-276 J39MT1AD-LCSD
Prep Date.....: 08/01/07 **Analysis Date..:** 08/02/07
Prep Batch #...: 7218276 **Analysis Time..:** 09:58
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Gasoline Range Organics	**110**	**(85 - 153)**			**SW846 8015B**
	110	**(85 - 153)**	**0.65**	**(0-30)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	98	(77 - 123)
	97	(77 - 123)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Volatiles

Client Lot #...: D7G260168 **Work Order #...:** J39MT1AC-LCS **Matrix.....:** SOLID
LCS Lot-Sample#: D7H060000-276 J39MT1AD-LCSD
Prep Date.....: 08/01/07 **Analysis Date..:** 08/02/07
Prep Batch #...: 7218276 **Analysis Time..:** 09:58
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Gasoline Range Organics	**5.49**	**6.06**	**mg/kg**	**110**		**SW846 8015B**
	5.49	**6.02**	**mg/kg**	**110**	**0.65**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	98	(77 - 123)
	97	(77 - 123)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...: D7G260168 **Work Order #...:** J3J5L1AF-MS **Matrix.....:** WATER
MS Lot-Sample #: D7G250310-001 J3J5L1AG-MSD
Date Sampled...: 07/25/07 08:40 **Date Received..:** 07/25/07
Prep Date.....: 07/27/07 **Analysis Date..:** 07/27/07
Prep Batch #...: 7211389 **Analysis Time..:** 12:25
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Gasoline Range Organics	**91**	**(79 - 149)**			**SW846 8015B**
	87	**(79 - 149)**	**2.9**	**(0-27)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	102	(82 - 110)
	102	(82 - 110)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC Volatiles

Client Lot #...: D7G260168 **Work Order #...:** J3J5L1AF-MS **Matrix.....:** WATER
MS Lot-Sample #: D7G250310-001 J3J5L1AG-MSD
Date Sampled...: 07/25/07 08:40 **Date Received..:** 07/25/07
Prep Date.....: 07/27/07 **Analysis Date..:** 07/27/07
Prep Batch #...: 7211389 **Analysis Time..:** 12:25
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Gasoline Range Organics	**65**	**100**	**156**	**ug/L**	**91**		**SW846 8015B**
	65	**100**	**152**	**ug/L**	**87**	**2.9**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	102	(82 - 110)
	102	(82 - 110)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...: D7G260168
MS Lot-Sample #: D7G260168-002
Date Sampled...: 07/24/07 12:00
Prep Date.....: 08/01/07
Prep Batch #...: 7218276
Dilution Factor: 1

Work Order #...: J3LF81A5-MS
J3LF81A6-MSD
Date Received..: 07/26/07
Analysis Date..: 08/02/07
Analysis Time..: 12:16

Matrix.....: SO

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Gasoline Range Organics	**101**	**(85 - 153)**			**SW846 8015B**
	104	**(85 - 153)**	**2.9**	**(0-30)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	96	(77 - 123)
	98	(77 - 123)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

GC Volatiles

Client Lot #...: D7G260168
MS Lot-Sample #: D7G260168-002
Date Sampled...: 07/24/07 12:00
Prep Date.....: 08/01/07
Prep Batch #...: 7218276
Dilution Factor: 1

Work Order #...: J3LF81A5-MS
J3LF81A6-MSD
Date Received..: 07/26/07
Analysis Date..: 08/02/07
Analysis Time..: 12:16

Matrix.....: SO

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Gasoline Range Organics	**0.95**	**5.93**	**6.94**	**mg/kg**	**101**		**SW846 8015B**
	0.95	**5.93**	**7.14**	**mg/kg**	**104**	**2.9**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene	96	(77 - 123)
	98	(77 - 123)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: D7G260168
MB Lot-Sample #: D7G260000-555
Analysis Date..: 07/31/07
Dilution Factor: 1

Work Order #...: J3NCW1AA
Prep Date.....: 07/26/07
Prep Batch #...: 7207555

Matrix.....: WATER
Analysis Time..: 05:55

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Diesel Range Organics (C1	**0.051 J**	**0.25**	**mg/L**	**SW846 8015B**
Motor Oil Range Organics	ND	0.25	mg/L	SW846 8015B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	81	(48 - 117)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

J Estimated result. Result is less than RL.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: D7G260168 **Work Order #...:** J3NWA1AA **Matrix.....:** SOLID
MB Lot-Sample #: D7G270000-105

Prep Date.....: 07/27/07 **Analysis Time..:** 04:41
Analysis Date..: 08/02/07 **Prep Batch #...:** 7208105
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Diesel Range Organics (C1	**1.7 J**	**4.0**	**mg/kg**	**SW846 8015B**
Motor Oil Range Organics	ND	4.0	mg/kg	SW846 8015B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	78	(45 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

J Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: D7G260168 **Work Order #...:** J3NCW1AC **Matrix.....:** WATER
LCS Lot-Sample#: D7G260000-555
Prep Date.....: 07/26/07 **Analysis Date..:** 07/31/07
Prep Batch #...: 7207555 **Analysis Time..:** 06:33
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Diesel Range Organics	**80**	**(54 - 115)**	**SW846 8015B**
Diesel Range Organics (C10-C28)	**80**	**(54 - 115)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	73	(50 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: D7G260168 **Work Order #...:** J3NCW1AC **Matrix.....:** WATER
LCS Lot-Sample#: D7G260000-555
Prep Date.....: 07/26/07 **Analysis Date..:** 07/31/07
Prep Batch #...: 7207555 **Analysis Time..:** 06:33
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Diesel Range Organics	**2.00**	**1.60**	**mg/L**	**80**	**SW846 8015B**
Diesel Range Organics (C10-C28)	**2.00**	**1.60**	**mg/L**	**80**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	73	(50 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: D7G260168 **Work Order #...:** J3NWA1AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7G270000-105
Prep Date.....: 07/27/07 **Analysis Date..:** 08/02/07
Prep Batch #...: 7208105 **Analysis Time..:** 05:19
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Diesel Range Organics (C10-C28)	**83**	**(53 - 115)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	78	(49 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: D7G260168 **Work Order #...:** J3NWA1AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7G270000-105
Prep Date.....: 07/27/07 **Analysis Date..:** 08/02/07
Prep Batch #...: 7208105 **Analysis Time..:** 05:19
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Diesel Range Organics (C10-C28)	**66.0**	**54.7**	**mg/kg**	**83**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	78	(49 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: D7G260168 **Work Order #...:** J3LF81AV-MS **Matrix.....:** SO
MS Lot-Sample #: D7G260168-002 J3LF81AW-MSD
Date Sampled...: 07/24/07 12:00 **Date Received..:** 07/26/07
Prep Date.....: 07/27/07 **Analysis Date..:** 08/02/07
Prep Batch #...: 7208105 **Analysis Time..:** 08:29
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Diesel Range Organics (C10-C28)	**73**	**(56 - 115)**			**SW846 8015B**
	78	**(56 - 115)**	**7.4**	**(0-23)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	65	(45 - 115)
	70	(45 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: D7G260168 **Work Order #...:** J3LF81AV-MS **Matrix.....:** SO
MS Lot-Sample #: D7G260168-002 J3LF81AW-MSD
Date Sampled...: 07/24/07 12:00 **Date Received..:** 07/26/07
Prep Date.....: 07/27/07 **Analysis Date..:** 08/02/07
Prep Batch #...: 7208105 **Analysis Time..:** 08:29
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Diesel Range Organics (C10-C28)	**1.8**	**70.2**	**53.3**	**mg/kg**	**73**		**SW846 8015B**
	1.8	**71.2**	**57.4**	**mg/kg**	**78**	**7.4**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
o-Terphenyl	65	(45 - 115)
	70	(45 - 115)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: D7G260168
MB Lot-Sample #: D7G260000-478

Work Order #...: J3MTJ1AA

Matrix.....: WATER

Analysis Date..: 08/01/07
Dilution Factor: 1

Prep Date.....: 07/26/07
Prep Batch #...: 7207478

Analysis Time..: 22:20

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aldrin	ND	0.040	ug/L	SW846 8081A
alpha-BHC	ND	0.030	ug/L	SW846 8081A
beta-BHC	ND	0.060	ug/L	SW846 8081A
delta-BHC	ND	0.090	ug/L	SW846 8081A
gamma-BHC (Lindane)	ND	0.040	ug/L	SW846 8081A
alpha-Chlordane	ND	0.050	ug/L	SW846 8081A
gamma-Chlordane	ND	0.050	ug/L	SW846 8081A
4,4'-DDD	ND	0.11	ug/L	SW846 8081A
4,4'-DDE	ND	0.040	ug/L	SW846 8081A
4,4'-DDT	ND	0.12	ug/L	SW846 8081A
Dieldrin	ND	0.020	ug/L	SW846 8081A
Endosulfan I	ND	0.020	ug/L	SW846 8081A
Endosulfan II	ND	0.040	ug/L	SW846 8081A
Endosulfan sulfate	ND	0.66	ug/L	SW846 8081A
Endrin	ND	0.060	ug/L	SW846 8081A
Endrin aldehyde	ND	0.23	ug/L	SW846 8081A
Endrin ketone	ND	0.10	ug/L	SW846 8081A
Heptachlor	ND	0.030	ug/L	SW846 8081A
Heptachlor epoxide	ND	0.080	ug/L	SW846 8081A
Methoxychlor	ND	1.8	ug/L	SW846 8081A
Toxaphene	ND	2.5	ug/L	SW846 8081A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	103	(57 - 122)
Tetrachloro-m-xylene	87	(38 - 116)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

ND: The analyte was analyzed for, but not detected.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: D7G260168 **Work Order #...:** J3MTJ1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: D7G260000-478 J3MTJ1AD-LCSD
Prep Date.....: 07/26/07 **Analysis Date..:** 08/01/07
Prep Batch #...: 7207478 **Analysis Time..:** 20:55
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
4,4'-DDD	91	(76 - 117)			SW846 8081A
	90	(76 - 117)	1.7	(0-50)	SW846 8081A
4,4'-DDE	98	(72 - 112)			SW846 8081A
	97	(72 - 112)	1.3	(0-50)	SW846 8081A
4,4'-DDT	71	(59 - 119)			SW846 8081A
	68	(59 - 119)	4.3	(0-25)	SW846 8081A
Aldrin	88	(45 - 115)			SW846 8081A
	86	(45 - 115)	1.9	(0-33)	SW846 8081A
alpha-BHC	101	(72 - 115)			SW846 8081A
	103	(72 - 115)	2.5	(0-50)	SW846 8081A
beta-BHC	100	(70 - 118)			SW846 8081A
	103	(70 - 118)	3.2	(0-50)	SW846 8081A
delta-BHC	98	(57 - 104)			SW846 8081A
	98	(57 - 104)	0.070	(0-50)	SW846 8081A
Dieldrin	102	(74 - 118)			SW846 8081A
	106	(74 - 118)	3.8	(0-22)	SW846 8081A
Endosulfan I	94	(75 - 115)			SW846 8081A
	98	(75 - 115)	3.7	(0-50)	SW846 8081A
Endosulfan II	85	(75 - 118)			SW846 8081A
	85	(75 - 118)	0.54	(0-50)	SW846 8081A
Endosulfan sulfate	100	(69 - 117)			SW846 8081A
	102	(69 - 117)	2.3	(0-50)	SW846 8081A
Endrin	98	(71 - 115)			SW846 8081A
	101	(71 - 115)	3.0	(0-39)	SW846 8081A
Endrin aldehyde	99	(73 - 113)			SW846 8081A
	105	(73 - 113)	5.4	(0-50)	SW846 8081A
Endrin ketone	102	(71 - 121)			SW846 8081A
	105	(71 - 121)	3.7	(0-50)	SW846 8081A
gamma-BHC (Lindane)	102	(71 - 118)			SW846 8081A
	105	(71 - 118)	3.2	(0-26)	SW846 8081A
Heptachlor	91	(52 - 115)			SW846 8081A
	91	(52 - 115)	0.41	(0-27)	SW846 8081A
Heptachlor epoxide	103	(74 - 114)			SW846 8081A
	107	(74 - 114)	3.9	(0-50)	SW846 8081A
Methoxychlor	98	(62 - 116)			SW846 8081A
	103	(62 - 116)	4.7	(0-50)	SW846 8081A
alpha-Chlordane	94	(74 - 114)			SW846 8081A
	93	(74 - 114)	1.2	(0-50)	SW846 8081A
gamma-Chlordane	97	(72 - 112)			SW846 8081A
	97	(72 - 112)	0.31	(0-50)	SW846 8081A

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: D7G260168 **Work Order #...:** J3MTJ1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: D7G260000-478 J3MTJ1AD-LCSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	103	(57 - 122)
	107	(57 - 122)
Tetrachloro-m-xylene	86	(38 - 116)
	90	(38 - 116)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: D7G260168 **Work Order #...:** J3MTJ1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: D7G260000-478 J3MTJ1AD-LCSD
Prep Date.....: 07/26/07 **Analysis Date..:** 08/01/07
Prep Batch #...: 7207478 **Analysis Time..:** 20:55
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
4,4'-DDD	0.500	0.456	ug/L	91		SW846 8081A
	0.500	0.448	ug/L	90	1.7	SW846 8081A
4,4'-DDE	0.500	0.492	ug/L	98		SW846 8081A
	0.500	0.486	ug/L	97	1.3	SW846 8081A
4,4'-DDT	0.500	0.353	ug/L	71		SW846 8081A
	0.500	0.338	ug/L	68	4.3	SW846 8081A
Aldrin	0.500	0.440	ug/L	88		SW846 8081A
	0.500	0.432	ug/L	86	1.9	SW846 8081A
alpha-BHC	0.500	0.503	ug/L	101		SW846 8081A
	0.500	0.516	ug/L	103	2.5	SW846 8081A
beta-BHC	0.500	0.499	ug/L	100		SW846 8081A
	0.500	0.516	ug/L	103	3.2	SW846 8081A
delta-BHC	0.500	0.491	ug/L	98		SW846 8081A
	0.500	0.491	ug/L	98	0.070	SW846 8081A
Dieldrin	0.500	0.512	ug/L	102		SW846 8081A
	0.500	0.532	ug/L	106	3.8	SW846 8081A
Endosulfan I	0.500	0.470	ug/L	94		SW846 8081A
	0.500	0.488	ug/L	98	3.7	SW846 8081A
Endosulfan II	0.500	0.425	ug/L	85		SW846 8081A
	0.500	0.423	ug/L	85	0.54	SW846 8081A
Endosulfan sulfate	0.500	0.498	ug/L	100		SW846 8081A
	0.500	0.509	ug/L	102	2.3	SW846 8081A
Endrin	0.500	0.488	ug/L	98		SW846 8081A
	0.500	0.503	ug/L	101	3.0	SW846 8081A
Endrin aldehyde	0.500	0.496	ug/L	99		SW846 8081A
	0.500	0.523	ug/L	105	5.4	SW846 8081A
Endrin ketone	0.500	0.508	ug/L	102		SW846 8081A
	0.500	0.527	ug/L	105	3.7	SW846 8081A
gamma-BHC (Lindane)	0.500	0.510	ug/L	102		SW846 8081A
	0.500	0.526	ug/L	105	3.2	SW846 8081A
Heptachlor	0.500	0.455	ug/L	91		SW846 8081A
	0.500	0.453	ug/L	91	0.41	SW846 8081A
Heptachlor epoxide	0.500	0.513	ug/L	103		SW846 8081A
	0.500	0.533	ug/L	107	3.9	SW846 8081A
Methoxychlor	0.500	0.491	ug/L	98		SW846 8081A
	0.500	0.515	ug/L	103	4.7	SW846 8081A
alpha-Chlordane	0.500	0.469	ug/L	94		SW846 8081A
	0.500	0.463	ug/L	93	1.2	SW846 8081A
gamma-Chlordane	0.500	0.486	ug/L	97		SW846 8081A
	0.500	0.487	ug/L	97	0.31	SW846 8081A

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LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: D7G260168 **Work Order #...:** J3MTJ1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: D7G260000-478 J3MTJ1AD-LCSD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	103	(57 - 122)
	107	(57 - 122)
Tetrachloro-m-xylene	86	(38 - 116)
	90	(38 - 116)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: D7G260168 **Work Order #...:** J3MTJ1AE **Matrix.....:** WATER
LCS Lot-Sample#: D7G260000-478
Prep Date.....: 07/26/07 **Analysis Date..:** 08/01/07
Prep Batch #...: 7207478 **Analysis Time..:** 21:29
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Toxaphene	**98**	**(63 - 142)**	**SW846 8081A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	107	(57 - 122)
Tetrachloro-m-xylene	92	(38 - 116)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: D7G260168 **Work Order #...:** J3MTJ1AE **Matrix.....:** WATER
LCS Lot-Sample#: D7G260000-478
Prep Date.....: 07/26/07 **Analysis Date..:** 08/01/07
Prep Batch #...: 7207478 **Analysis Time..:** 21:29
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Toxaphene	**2.00**	**1.96**	**ug/L**	**98**	**SW846 8081A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	107	(57 - 122)
Tetrachloro-m-xylene	92	(38 - 116)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: D7G260168
MB Lot-Sample #: D7G260000-430
Work Order #...: J3MLG1AA
Matrix.....: WATER
Prep Date.....: 07/26/07
Analysis Time..: 10:19
Analysis Date..: 07/30/07
Prep Batch #...: 7207430
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	1.0	ug/L	SW846 8082
Aroclor 1221	ND	1.0	ug/L	SW846 8082
Aroclor 1232	ND	1.0	ug/L	SW846 8082
Aroclor 1242	ND	1.0	ug/L	SW846 8082
Aroclor 1248	ND	1.0	ug/L	SW846 8082
Aroclor 1254	ND	1.0	ug/L	SW846 8082
Aroclor 1260	ND	1.0	ug/L	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	79	(51 - 122)
Decachlorobiphenyl	106	(41 - 138)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: D7G260168
MB Lot-Sample #: D7G310000-113

Work Order #...: J3WG01AA

Matrix.....: SOLID

Prep Date.....: 07/31/07
Prep Batch #...: 7212113

Analysis Date..: 08/01/07
Dilution Factor: 1

Analysis Time..: 21:34

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Aroclor 1016	ND	33	ug/kg	SW846 8082
Aroclor 1221	ND	47	ug/kg	SW846 8082
Aroclor 1232	ND	33	ug/kg	SW846 8082
Aroclor 1242	ND	33	ug/kg	SW846 8082
Aroclor 1248	ND	33	ug/kg	SW846 8082
Aroclor 1254	ND	33	ug/kg	SW846 8082
Aroclor 1260	ND	33	ug/kg	SW846 8082

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	88	(68 - 125)
Tetrachloro-m-xylene	81	(67 - 129)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

ND: The analyte was analyzed for, but not detected.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: D7G260168
LCS Lot-Sample#: D7G260000-430
Prep Date.....: 07/26/07
Prep Batch #...: 7207430
Dilution Factor: 1

Work Order #...: J3MLG1AC-LCS
J3MLG1AD-LCSD
Analysis Date..: 07/30/07
Analysis Time..: 10:41

Matrix.....: WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**100**	**(61 - 125)**			**SW846 8082**
	100	**(61 - 125)**	**0.71**	**(0-24)**	**SW846 8082**
Aroclor 1260	**107**	**(63 - 129)**			**SW846 8082**
	107	**(63 - 129)**	**0.050**	**(0-24)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	78	(41 - 117)
	80	(41 - 117)
Decachlorobiphenyl	102	(29 - 143)
	103	(29 - 143)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: D7G260168 **Work Order #...:** J3MLG1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: D7G260000-430 J3MLG1AD-LCSD
Prep Date.....: 07/26/07 **Analysis Date..:** 07/30/07
Prep Batch #...: 7207430 **Analysis Time..:** 10:41
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Aroclor 1016	**2.00**	**1.99**	**ug/L**	**100**		**SW846 8082**
	2.00	**2.01**	**ug/L**	**100**	**0.71**	**SW846 8082**
Aroclor 1260	**2.00**	**2.13**	**ug/L**	**107**		**SW846 8082**
	2.00	**2.13**	**ug/L**	**107**	**0.050**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Tetrachloro-m-xylene	78	(41 - 117)
	80	(41 - 117)
Decachlorobiphenyl	102	(29 - 143)
	103	(29 - 143)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: D7G260168 **Work Order #...:** J3WG01AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7G310000-113
Prep Date.....: 07/31/07 **Analysis Date..:** 08/01/07
Prep Batch #...: 7212113 **Analysis Time..:** 21:56
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Aroclor 1016	**96**	**(71 - 118)**	**SW846 8082**
Aroclor 1260	**105**	**(65 - 123)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	91	(68 - 125)
Tetrachloro-m-xylene	83	(67 - 129)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: D7G260168 **Work Order #...:** J3WG01AC **Matrix.....:** SOLID
LCS Lot-Sample#: D7G310000-113
Prep Date.....: 07/31/07 **Analysis Date..:** 08/01/07
Prep Batch #...: 7212113 **Analysis Time..:** 21:56
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Aroclor 1016	**65.4**	**62.8**	**ug/kg**	**96**	**SW846 8082**
Aroclor 1260	**65.4**	**68.4**	**ug/kg**	**105**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	91	(68 - 125)
Tetrachloro-m-xylene	83	(67 - 129)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: D7G260168 **Work Order #...:** J3LF81A1-MS **Matrix.....:** SO
MS Lot-Sample #: D7G260168-002 J3LF81A2-MSD
Date Sampled...: 07/24/07 12:00 **Date Received..:** 07/26/07
Prep Date.....: 07/31/07 **Analysis Date..:** 08/01/07
Prep Batch #...: 7212113 **Analysis Time..:** 22:40
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Aroclor 1016	**95**	**(71 - 118)**			**SW846 8082**
	97	**(71 - 118)**	**3.3**	**(0-36)**	**SW846 8082**
Aroclor 1260	**101**	**(65 - 123)**			**SW846 8082**
	101	**(65 - 123)**	**0.90**	**(0-44)**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	88	(68 - 125)
	91	(68 - 125)
Tetrachloro-m-xylene	79	(67 - 129)
	80	(67 - 129)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: D7G260168 **Work Order #...:** J3LF81A1-MS **Matrix.....:** SO
MS Lot-Sample #: D7G260168-002 J3LF81A2-MSD
Date Sampled...: 07/24/07 12:00 **Date Received..:** 07/26/07
Prep Date.....: 07/31/07 **Analysis Date..:** 08/01/07
Prep Batch #...: 7212113 **Analysis Time..:** 22:40
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Aroclor 1016	**ND**	**70.9**	**67.1**	**ug/kg**	**95**		**SW846 8082**
	ND	**71.4**	**69.4**	**ug/kg**	**97**	**3.3**	**SW846 8082**
Aroclor 1260	**ND**	**70.9**	**71.8**	**ug/kg**	**101**		**SW846 8082**
	ND	**71.4**	**72.5**	**ug/kg**	**101**	**0.90**	**SW846 8082**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Decachlorobiphenyl	88	(68 - 125)
	91	(68 - 125)
Tetrachloro-m-xylene	79	(67 - 129)
	80	(67 - 129)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #...: D7G260168 **Work Order #...:** J3T1A1AA **Matrix.....:** WATER
MB Lot-Sample #: D7G300000-117

Prep Date.....: 07/30/07 **Analysis Time..:** 16:45
Analysis Date..: 08/03/07 **Prep Batch #...:** 7211117
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
2,4-D	ND	4.0	ug/L	SW846 8151A
Dalapon	ND	2.0	ug/L	SW846 8151A
2,4-DB	ND	4.0	ug/L	SW846 8151A
Dicamba	ND	2.0	ug/L	SW846 8151A
Dichlorprop	ND	4.0	ug/L	SW846 8151A
Dinoseb	ND	0.60	ug/L	SW846 8151A
MCPA	ND	400	ug/L	SW846 8151A
MCPP	ND	400	ug/L	SW846 8151A
2,4,5-TP (Silvex)	ND	1.0	ug/L	SW846 8151A
2,4,5-T	ND	1.0	ug/L	SW846 8151A

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
DCAA	84	(39 - 135)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

ND: The analyte was analyzed for, but not detected.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #...: D7G260168 **Work Order #...:** J3T1A1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: D7G300000-117 J3T1A1AD-LCSD
Prep Date.....: 07/30/07 **Analysis Date..:** 08/03/07
Prep Batch #...: 7211117 **Analysis Time..:** 17:05
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
2,4-D	**49**	**(15 - 140)**			**SW846 8151A**
	19 p	**(15 - 140)**	**87**	**(0-30)**	**SW846 8151A**
2,4,5-TP (Silvex)	**109**	**(45 - 165)**			**SW846 8151A**
	92	**(45 - 165)**	**17**	**(0-30)**	**SW846 8151A**
2,4,5-T	**71**	**(29 - 168)**			**SW846 8151A**
	37 p	**(29 - 168)**	**63**	**(0-30)**	**SW846 8151A**
Dinoseb	**95**	**(10 - 142)**			**SW846 8151A**
	143 a,p	**(10 - 142)**	**41**	**(0-30)**	**SW846 8151A**
Dalapon	**113**	**(51 - 141)**			**SW846 8151A**
	113	**(51 - 141)**	**0.050**	**(0-30)**	**SW846 8151A**
2,4-DB	**88**	**(63 - 148)**			**SW846 8151A**
	68	**(63 - 148)**	**26**	**(0-30)**	**SW846 8151A**
Dicamba	**113**	**(53 - 153)**			**SW846 8151A**
	117	**(53 - 153)**	**3.4**	**(0-30)**	**SW846 8151A**
Dichlorprop	**96**	**(39 - 136)**			**SW846 8151A**
	75	**(39 - 136)**	**24**	**(0-30)**	**SW846 8151A**
MCPA	**79**	**(50 - 150)**			**SW846 8151A**
	62	**(50 - 150)**	**24**	**(0-30)**	**SW846 8151A**
MCPP	**116**	**(67 - 141)**			**SW846 8151A**
	103	**(67 - 141)**	**12**	**(0-30)**	**SW846 8151A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
DCAA	82	(39 - 135)
	70	(39 - 135)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

p Relative percent difference (RPD) is outside stated control limits.

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

GC Semivolatiles

Client Lot #...: D7G260168 **Work Order #...:** J3T1A1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: D7G300000-117 J3T1A1AD-LCSD
Prep Date.....: 07/30/07 **Analysis Date..:** 08/03/07
Prep Batch #...: 7211117 **Analysis Time..:** 17:05
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
2,4-D	**4.57**	**2.25**	**ug/L**	**49**		**SW846 8151A**
	4.57	**0.886 p**	**ug/L**	**19**	**87**	**SW846 8151A**
2,4,5-TP (Silvex)	**4.57**	**4.96**	**ug/L**	**109**		**SW846 8151A**
	4.57	**4.18**	**ug/L**	**92**	**17**	**SW846 8151A**
2,4,5-T	**4.62**	**3.28**	**ug/L**	**71**		**SW846 8151A**
	4.62	**1.70 p**	**ug/L**	**37**	**63**	**SW846 8151A**
Dinoseb	**4.61**	**4.36**	**ug/L**	**95**		**SW846 8151A**
	4.61	**6.58 a,p**	**ug/L**	**143**	**41**	**SW846 8151A**
Dalapon	**4.60**	**5.19**	**ug/L**	**113**		**SW846 8151A**
	4.60	**5.18**	**ug/L**	**113**	**0.050**	**SW846 8151A**
2,4-DB	**4.61**	**4.08**	**ug/L**	**88**		**SW846 8151A**
	4.61	**3.12**	**ug/L**	**68**	**26**	**SW846 8151A**
Dicamba	**4.51**	**5.10**	**ug/L**	**113**		**SW846 8151A**
	4.51	**5.28**	**ug/L**	**117**	**3.4**	**SW846 8151A**
Dichlorprop	**4.54**	**4.34**	**ug/L**	**96**		**SW846 8151A**
	4.54	**3.40**	**ug/L**	**75**	**24**	**SW846 8151A**
MCPA	**466**	**366**	**ug/L**	**79**		**SW846 8151A**
	466	**287**	**ug/L**	**62**	**24**	**SW846 8151A**
MCPP	**460**	**534**	**ug/L**	**116**		**SW846 8151A**
	460	**472**	**ug/L**	**103**	**12**	**SW846 8151A**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
DCAA	82	(39 - 135)
	70	(39 - 135)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

p Relative percent difference (RPD) is outside stated control limits.

a Spiked analyte recovery is outside stated control limits.

METHOD BLANK REPORT

HPLC

Client Lot #...: D7G260168 **Work Order #...:** J3WG11AA **Matrix.....:** SOLID
MB Lot-Sample #: R7G310000-140

Prep Date.....: 07/31/07 **Analysis Time..:** 14:02
Analysis Date..: 08/02/07 **Prep Batch #...:** 7212140
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Perchlorate	ND	1000	ng/kg	SW846 6860

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

HPLC

Client Lot #...: D7G260168
MB Lot-Sample #: R7H010000-214
Work Order #...: J30TK1AA
Matrix.....: WATER
Prep Date.....: 08/01/07
Analysis Time..: 18:49
Analysis Date..: 08/01/07
Prep Batch #...: 7213214
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Perchlorate	ND	0.10	ug/L	SW846 6860

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

HPLC

Client Lot #...: D7G260168 **Work Order #...:** J3WG11AC **Matrix.....:** SOLID
LCS Lot-Sample#: R7G310000-140
Prep Date.....: 07/31/07 **Analysis Date..:** 08/02/07
Prep Batch #...: 7212140 **Analysis Time..:** 14:31
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Perchlorate	**97**	**(70 - 130)**	**SW846 6860**

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

HPLC

Client Lot #...: D7G260168 **Work Order #...:** J3WG11AC **Matrix.....:** SOLID
LCS Lot-Sample#: R7G310000-140
Prep Date.....: 07/31/07 **Analysis Date..:** 08/02/07
Prep Batch #...: 7212140 **Analysis Time..:** 14:31
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Perchlorate	**943**	**917**	**ng/kg**	**97**	**SW846 6860**

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

HPLC

Client Lot #...: D7G260168 **Work Order #...:** J30TK1AC **Matrix.....:** WATER
LCS Lot-Sample#: R7H010000-214
Prep Date.....: 08/01/07 **Analysis Date..:** 08/01/07
Prep Batch #...: 7213214 **Analysis Time..:** 19:18
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Perchlorate	**92**	**(80 - 120)**	**SW846 6860**

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

HPLC

Client Lot #...: D7G260168 **Work Order #...:** J30TK1AC **Matrix.....:** WATER
LCS Lot-Sample#: R7H010000-214
Prep Date.....: 08/01/07 **Analysis Date..:** 08/01/07
Prep Batch #...: 7213214 **Analysis Time..:** 19:18
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Perchlorate	**0.100**	**0.0925**	**ug/L**	**92**	**SW846 6860**

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

HPLC

Client Lot #...: D7G260168 **Work Order #...:** J3LGC1AU-MS **Matrix.....:** SO
MS Lot-Sample #: D7G260168-004 J3LGC1AV-MSD
Date Sampled...: 07/24/07 13:45 **Date Received..:** 07/26/07
Prep Date.....: 07/31/07 **Analysis Date..:** 08/02/07
Prep Batch #...: 7212140 **Analysis Time..:** 20:21
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Perchlorate	**41 a**	**(70 - 130)**			**SW846 6860**
	37 a	**(70 - 130)**	**3.4**	**(0-15)**	**SW846 6860**

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

HPLC

Client Lot #...: D7G260168 **Work Order #...:** J3LGC1AU-MS **Matrix.....:** SO
MS Lot-Sample #: D7G260168-004 J3LGC1AV-MSD
Date Sampled...: 07/24/07 13:45 **Date Received..:** 07/26/07
Prep Date.....: 07/31/07 **Analysis Date..:** 08/02/07
Prep Batch #...: 7212140 **Analysis Time..:** 20:21
Dilution Factor: 1

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Perchlorate	**890**	**1190**	**1370**	**ng/kg**	**41 a**		**SW846 6860**
	890	**1170**	**1330**	**ng/kg**	**37 a**	**3.4**	**SW846 6860**

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

HPLC

Client Lot #...: D7G260168 **Work Order #...:** J29EF1AT-MS **Matrix.....:** WATER
MS Lot-Sample #: D7G200178-005 J29EF1AU-MSD
Date Sampled...: 07/18/07 16:45 **Date Received..:** 07/20/07
Prep Date.....: 08/01/07 **Analysis Date..:** 08/03/07
Prep Batch #...: 7213214 **Analysis Time..:** 00:14
Dilution Factor: 5

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Perchlorate	**82**	**(80 - 120)**			**SW846 6860**
	73 a	**(80 - 120)**	**2.0**	**(0-15)**	**SW846 6860**

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

HPLC

Client Lot #...: D7G260168
MS Lot-Sample #: D7G200178-005
Date Sampled...: 07/18/07 16:45
Prep Date.....: 08/01/07
Prep Batch #...: 7213214
Dilution Factor: 5

Work Order #...: J29EF1AT-MS
J29EF1AU-MSD
Date Received..: 07/20/07
Analysis Date..: 08/03/07
Analysis Time..: 00:14

Matrix.....: WATER

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Perchlorate	**1.8**	**0.500**	**2.17**	**ug/L**	**82**		**SW846 6860**
	1.8	**0.500**	**2.13**	**ug/L**	**73 a**	**2.0**	**SW846 6860**

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D7G260168 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: D7G270000-138 **Prep Batch #...:** 7208138						
Silver	ND	10	ug/L	SW846 6010B	07/31/07	J3N061AA
		Dilution Factor: 1				
		Analysis Time..: 22:25				
Aluminum	ND	100	ug/L	SW846 6010B	07/31/07	J3N061AC
		Dilution Factor: 1				
		Analysis Time..: 22:25				
Arsenic	ND	15	ug/L	SW846 6010B	07/31/07	J3N061AD
		Dilution Factor: 1				
		Analysis Time..: 22:25				
Barium	ND	10	ug/L	SW846 6010B	07/31/07	J3N061AE
		Dilution Factor: 1				
		Analysis Time..: 22:25				
Beryllium	ND	5.0	ug/L	SW846 6010B	07/31/07	J3N061AF
		Dilution Factor: 1				
		Analysis Time..: 22:25				
Calcium	**51 B**	**200**	**ug/L**	**SW846 6010B**	**07/31/07**	**J3N061AG**
		Dilution Factor: 1				
		Analysis Time..: 22:25				
Cadmium	ND	5.0	ug/L	SW846 6010B	07/31/07	J3N061AH
		Dilution Factor: 1				
		Analysis Time..: 22:25				
Cobalt	ND	10	ug/L	SW846 6010B	07/31/07	J3N061AJ
		Dilution Factor: 1				
		Analysis Time..: 22:25				
Chromium	ND	10	ug/L	SW846 6010B	07/31/07	J3N061AK
		Dilution Factor: 1				
		Analysis Time..: 22:25				
Copper	ND	15	ug/L	SW846 6010B	07/31/07	J3N061AL
		Dilution Factor: 1				
		Analysis Time..: 22:25				
Iron	ND	100	ug/L	SW846 6010B	07/31/07	J3N061AM
		Dilution Factor: 1				
		Analysis Time..: 22:25				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D7G260168 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Potassium	ND	3000	ug/L	SW846 6010B	07/31/07	J3N061AN
		Dilution Factor: 1				
		Analysis Time..: 22:25				
Magnesium	ND	200	ug/L	SW846 6010B	07/31/07	J3N061AP
		Dilution Factor: 1				
		Analysis Time..: 22:25				
Manganese	ND	10	ug/L	SW846 6010B	07/31/07	J3N061AQ
		Dilution Factor: 1				
		Analysis Time..: 22:25				
Sodium	ND	1000	ug/L	SW846 6010B	07/31/07	J3N061AR
		Dilution Factor: 1				
		Analysis Time..: 22:25				
Nickel	ND	40	ug/L	SW846 6010B	07/31/07	J3N061AT
		Dilution Factor: 1				
		Analysis Time..: 22:25				
Lead	ND	9.0	ug/L	SW846 6010B	07/31/07	J3N061AU
		Dilution Factor: 1				
		Analysis Time..: 22:25				
Antimony	ND	10	ug/L	SW846 6010B	07/31/07	J3N061AV
		Dilution Factor: 1				
		Analysis Time..: 22:25				
Selenium	ND	15	ug/L	SW846 6010B	07/31/07	J3N061AW
		Dilution Factor: 1				
		Analysis Time..: 22:25				
Thallium	ND	15	ug/L	SW846 6010B	07/31/07	J3N061AX
		Dilution Factor: 1				
		Analysis Time..: 22:25				
Vanadium	ND	10	ug/L	SW846 6010B	07/31/07	J3N061A0
		Dilution Factor: 1				
		Analysis Time..: 22:25				
Zinc	**5.5 B**	**20**	**ug/L**	**SW846 6010B**	**07/31/07**	**J3N061A1**
		Dilution Factor: 1				
		Analysis Time..: 22:25				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D7G260168 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: D7H060000-188 **Prep Batch #...:** 7218188						
Mercury	ND	0.20	ug/L	SW846 7470A	08/06/07	J39D21AA
		Dilution Factor: 1				
		Analysis Time..: 20:08				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #...: D7G260168 **Matrix.....:** SOLID

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: D7G270000-403 **Prep Batch #...:** 7208403						
Selenium	ND	1.3	mg/kg	SW846 6010B	07/31/07	J3VG71AD
		Dilution Factor: 1				
		Analysis Time..: 21:20				
Barium	ND	1.0	mg/kg	SW846 6010B	07/31/07	J3VG71AL
		Dilution Factor: 1				
		Analysis Time..: 21:20				
Cadmium	ND	0.50	mg/kg	SW846 6010B	07/31/07	J3VG71AP
		Dilution Factor: 1				
		Analysis Time..: 21:20				
Chromium	ND	1.5	mg/kg	SW846 6010B	07/31/07	J3VG71AR
		Dilution Factor: 1				
		Analysis Time..: 21:20				
Silver	ND	1.0	mg/kg	SW846 6010B	07/31/07	J3VG71AH
		Dilution Factor: 1				
		Analysis Time..: 21:20				
Arsenic	ND	2.0	mg/kg	SW846 6010B	07/31/07	J3VG71AK
		Dilution Factor: 1				
		Analysis Time..: 21:20				
Lead	ND	0.80	mg/kg	SW846 6010B	07/31/07	J3VG71AA
		Dilution Factor: 1				
		Analysis Time..: 21:20				
MB Lot-Sample #: D7H020000-506 **Prep Batch #...:** 7214506						
Mercury	ND	33	ug/kg	SW846 7471A	08/02-08/03/07	J34381AA
		Dilution Factor: 1				
		Analysis Time..: 15:55				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Lot-Sample #...: D7G260168

Matrix.....: WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP-BATCH #
Mercury	103	(88 - 111)			SW846 7470A	08/06/07	7218188
	101	(88 - 111)	1.9	(0-10)	SW846 7470A	08/06/07	7218188

Dilution Factor: 1 Analysis Time..: 20:11

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Lot-Sample #...: D7G260168

Matrix.....: WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Mercury	5.00	5.16	ug/L	103		SW846 7470A	08/06/07	7218188
	5.00	5.07	ug/L	101	1.9	SW846 7470A	08/06/07	7218188

Dilution Factor: 1 Analysis Time..: 20:11

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7G260168 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: D7G270000-138 **Prep Batch #...:** 7208138					
Silver	100	(86 - 115)	SW846 6010B	07/31/07	J3N061A2
		Dilution Factor: 1	Analysis Time..: 22:30		
Aluminum	95	(87 - 111)	SW846 6010B	07/31/07	J3N061A3
		Dilution Factor: 1	Analysis Time..: 22:30		
Arsenic	95	(88 - 110)	SW846 6010B	07/31/07	J3N061A4
		Dilution Factor: 1	Analysis Time..: 22:30		
Barium	98	(90 - 112)	SW846 6010B	07/31/07	J3N061A5
		Dilution Factor: 1	Analysis Time..: 22:30		
Beryllium	97	(89 - 113)	SW846 6010B	07/31/07	J3N061A6
		Dilution Factor: 1	Analysis Time..: 22:30		
Calcium	97	(90 - 111)	SW846 6010B	07/31/07	J3N061A7
		Dilution Factor: 1	Analysis Time..: 22:30		
Cadmium	101	(88 - 111)	SW846 6010B	07/31/07	J3N061A8
		Dilution Factor: 1	Analysis Time..: 22:30		
Cobalt	96	(89 - 111)	SW846 6010B	07/31/07	J3N061A9
		Dilution Factor: 1	Analysis Time..: 22:30		
Chromium	100	(90 - 113)	SW846 6010B	07/31/07	J3N061CA
		Dilution Factor: 1	Analysis Time..: 22:30		
Copper	100	(86 - 112)	SW846 6010B	07/31/07	J3N061CC
		Dilution Factor: 1	Analysis Time..: 22:30		
Iron	93	(89 - 115)	SW846 6010B	07/31/07	J3N061CD
		Dilution Factor: 1	Analysis Time..: 22:30		
Potassium	103	(89 - 114)	SW846 6010B	07/31/07	J3N061CE
		Dilution Factor: 1	Analysis Time..: 22:30		
Magnesium	92	(90 - 113)	SW846 6010B	07/31/07	J3N061CF
		Dilution Factor: 1	Analysis Time..: 22:30		
Manganese	98	(90 - 110)	SW846 6010B	07/31/07	J3N061CG
		Dilution Factor: 1	Analysis Time..: 22:30		

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7G260168 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	102	(90 - 115)	SW846 6010B	07/31/07	J3N061CH
		Dilution Factor: 1	Analysis Time..: 22:30		
Nickel	94	(89 - 111)	SW846 6010B	07/31/07	J3N061CJ
		Dilution Factor: 1	Analysis Time..: 22:30		
Lead	95	(89 - 110)	SW846 6010B	07/31/07	J3N061CK
		Dilution Factor: 1	Analysis Time..: 22:30		
Antimony	97	(88 - 110)	SW846 6010B	07/31/07	J3N061CL
		Dilution Factor: 1	Analysis Time..: 22:30		
Selenium	96	(85 - 112)	SW846 6010B	07/31/07	J3N061CM
		Dilution Factor: 1	Analysis Time..: 22:30		
Thallium	94	(88 - 110)	SW846 6010B	07/31/07	J3N061CN
		Dilution Factor: 1	Analysis Time..: 22:30		
Vanadium	97	(90 - 111)	SW846 6010B	07/31/07	J3N061CP
		Dilution Factor: 1	Analysis Time..: 22:30		
Zinc	98	(85 - 111)	SW846 6010B	07/31/07	J3N061CQ
		Dilution Factor: 1	Analysis Time..: 22:30		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7G260168 **Matrix.....:** WATER

LCS Lot-Sample#: D7G270000-138 **Prep Batch #...:** 7208138

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silver	50.0	50.2	ug/L	100	SW846 6010B	07/31/07	J3N061A2
			Dilution Factor: 1		Analysis Time..: 22:30		
Aluminum	2000	1890	ug/L	95	SW846 6010B	07/31/07	J3N061A3
			Dilution Factor: 1		Analysis Time..: 22:30		
Arsenic	1000	950	ug/L	95	SW846 6010B	07/31/07	J3N061A4
			Dilution Factor: 1		Analysis Time..: 22:30		
Barium	2000	1960	ug/L	98	SW846 6010B	07/31/07	J3N061A5
			Dilution Factor: 1		Analysis Time..: 22:30		
Beryllium	50.0	48.4	ug/L	97	SW846 6010B	07/31/07	J3N061A6
			Dilution Factor: 1		Analysis Time..: 22:30		
Calcium	50000	48300	ug/L	97	SW846 6010B	07/31/07	J3N061A7
			Dilution Factor: 1		Analysis Time..: 22:30		
Cadmium	100	101	ug/L	101	SW846 6010B	07/31/07	J3N061A8
			Dilution Factor: 1		Analysis Time..: 22:30		
Cobalt	500	482	ug/L	96	SW846 6010B	07/31/07	J3N061A9
			Dilution Factor: 1		Analysis Time..: 22:30		
Chromium	200	200	ug/L	100	SW846 6010B	07/31/07	J3N061CA
			Dilution Factor: 1		Analysis Time..: 22:30		
Copper	250	250	ug/L	100	SW846 6010B	07/31/07	J3N061CC
			Dilution Factor: 1		Analysis Time..: 22:30		
Iron	1000	930	ug/L	93	SW846 6010B	07/31/07	J3N061CD
			Dilution Factor: 1		Analysis Time..: 22:30		
Potassium	50000	51500	ug/L	103	SW846 6010B	07/31/07	J3N061CE
			Dilution Factor: 1		Analysis Time..: 22:30		
Magnesium	50000	46100	ug/L	92	SW846 6010B	07/31/07	J3N061CF
			Dilution Factor: 1		Analysis Time..: 22:30		
Manganese	500	488	ug/L	98	SW846 6010B	07/31/07	J3N061CG
			Dilution Factor: 1		Analysis Time..: 22:30		

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LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7G260168 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	50000	50800	ug/L	102	SW846 6010B	07/31/07	J3N061CH
			Dilution Factor: 1		Analysis Time..: 22:30		
Nickel	500	472	ug/L	94	SW846 6010B	07/31/07	J3N061CJ
			Dilution Factor: 1		Analysis Time..: 22:30		
Lead	500	476	ug/L	95	SW846 6010B	07/31/07	J3N061CK
			Dilution Factor: 1		Analysis Time..: 22:30		
Antimony	500	484	ug/L	97	SW846 6010B	07/31/07	J3N061CL
			Dilution Factor: 1		Analysis Time..: 22:30		
Selenium	2000	1910	ug/L	96	SW846 6010B	07/31/07	J3N061CM
			Dilution Factor: 1		Analysis Time..: 22:30		
Thallium	2000	1880	ug/L	94	SW846 6010B	07/31/07	J3N061CN
			Dilution Factor: 1		Analysis Time..: 22:30		
Vanadium	500	485	ug/L	97	SW846 6010B	07/31/07	J3N061CP
			Dilution Factor: 1		Analysis Time..: 22:30		
Zinc	500	492	ug/L	98	SW846 6010B	07/31/07	J3N061CQ
			Dilution Factor: 1		Analysis Time..: 22:30		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7G260168 **Matrix.....:** SOLID

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: D7G270000-403 **Prep Batch #...:** 7208403					
Selenium	94	(83 - 110)	SW846 6010B	07/31/07	J3VG71A4
		Dilution Factor: 1	Analysis Time..: 21:25		
Barium	95	(87 - 112)	SW846 6010B	07/31/07	J3VG71CC
		Dilution Factor: 1	Analysis Time..: 21:25		
Cadmium	99	(87 - 110)	SW846 6010B	07/31/07	J3VG71CF
		Dilution Factor: 1	Analysis Time..: 21:25		
Chromium	98	(84 - 114)	SW846 6010B	07/31/07	J3VG71CH
		Dilution Factor: 1	Analysis Time..: 21:25		
Silver	98	(87 - 114)	SW846 6010B	07/31/07	J3VG71A8
		Dilution Factor: 1	Analysis Time..: 21:25		
Arsenic	93	(85 - 110)	SW846 6010B	07/31/07	J3VG71CA
		Dilution Factor: 1	Analysis Time..: 21:25		
Lead	94	(86 - 110)	SW846 6010B	07/31/07	J3VG71A2
		Dilution Factor: 1	Analysis Time..: 21:25		
LCS Lot-Sample#: D7H020000-506 **Prep Batch #...:** 7214506					
Mercury	104	(87 - 111)	SW846 7471A	08/02-08/03/07	J34381AC
		Dilution Factor: 1	Analysis Time..: 15:57		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7G260168 **Matrix.....:** SOLID

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: D7G270000-403 **Prep Batch #...:** 7208403							
Selenium	200	188	mg/kg	94	SW846 6010B	07/31/07	J3VG71A4
			Dilution Factor: 1		Analysis Time..: 21:25		
Barium	200	189	mg/kg	95	SW846 6010B	07/31/07	J3VG71CC
			Dilution Factor: 1		Analysis Time..: 21:25		
Cadmium	10.0	9.92	mg/kg	99	SW846 6010B	07/31/07	J3VG71CF
			Dilution Factor: 1		Analysis Time..: 21:25		
Chromium	20.0	19.6	mg/kg	98	SW846 6010B	07/31/07	J3VG71CH
			Dilution Factor: 1		Analysis Time..: 21:25		
Silver	5.00	4.92	mg/kg	98	SW846 6010B	07/31/07	J3VG71A8
			Dilution Factor: 1		Analysis Time..: 21:25		
Arsenic	100	92.8	mg/kg	93	SW846 6010B	07/31/07	J3VG71CA
			Dilution Factor: 1		Analysis Time..: 21:25		
Lead	50.0	47.1	mg/kg	94	SW846 6010B	07/31/07	J3VG71A2
			Dilution Factor: 1		Analysis Time..: 21:25		
LCS Lot-Sample#: D7H020000-506 **Prep Batch #...:** 7214506							
Mercury	833	866	ug/kg	104	SW846 7471A	08/02-08/03/07	J34381AC
			Dilution Factor: 1		Analysis Time..: 15:57		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7G260168 **Matrix.....:** WATER
Date Sampled...: 07/24/07 08:30 **Date Received..:** 07/25/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7G250192-001 **Prep Batch #...:** 7208138							
Silver	106	(75 - 141)			SW846 6010B	07/31/07	J3H701A7
	105	(75 - 141)	1.3	(0-25)	SW846 6010B	07/31/07	J3H701A8
		Dilution Factor: 1					
		Analysis Time..: 22:46					
Aluminum	85	(83 - 119)			SW846 6010B	07/31/07	J3H701A9
	85	(83 - 119)	0.95	(0-25)	SW846 6010B	07/31/07	J3H701CA
		Dilution Factor: 1					
		Analysis Time..: 22:46					
Arsenic	101	(84 - 124)			SW846 6010B	07/31/07	J3H701CC
	99	(84 - 124)	1.3	(0-25)	SW846 6010B	07/31/07	J3H701CD
		Dilution Factor: 1					
		Analysis Time..: 22:46					
Barium	97	(85 - 120)			SW846 6010B	07/31/07	J3H701CE
	96	(85 - 120)	0.15	(0-25)	SW846 6010B	07/31/07	J3H701CF
		Dilution Factor: 1					
		Analysis Time..: 22:46					
Beryllium	92	(79 - 121)			SW846 6010B	07/31/07	J3H701CG
	91	(79 - 121)	1.4	(0-25)	SW846 6010B	07/31/07	J3H701CH
		Dilution Factor: 1					
		Analysis Time..: 22:46					
Calcium	NC,MSB	(48 - 153)			SW846 6010B	07/31/07	J3H701CJ
	NC,MSB	(48 - 153)		(0-25)	SW846 6010B	07/31/07	J3H701CK
		Dilution Factor: 1					
		Analysis Time..: 22:46					
Cadmium	104	(82 - 119)			SW846 6010B	07/31/07	J3H701CL
	104	(82 - 119)	0.65	(0-25)	SW846 6010B	07/31/07	J3H701CM
		Dilution Factor: 1					
		Analysis Time..: 22:46					
Cobalt	91	(82 - 119)			SW846 6010B	07/31/07	J3H701CN
	90	(82 - 119)	0.63	(0-25)	SW846 6010B	07/31/07	J3H701CP
		Dilution Factor: 1					
		Analysis Time..: 22:46					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7G260168 **Matrix.....:** WATER
Date Sampled...: 07/24/07 08:30 **Date Received..:** 07/25/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	96	(73 - 135)			SW846 6010B	07/31/07	J3H701CQ
	95	(73 - 135)	0.95	(0-25)	SW846 6010B	07/31/07	J3H701CR
		Dilution Factor: 1					
		Analysis Time..: 22:46					
Copper	101	(82 - 129)			SW846 6010B	07/31/07	J3H701CT
	100	(82 - 129)	0.84	(0-25)	SW846 6010B	07/31/07	J3H701CU
		Dilution Factor: 1					
		Analysis Time..: 22:46					
Iron	89	(52 - 155)			SW846 6010B	07/31/07	J3H701CV
	88	(52 - 155)	1.9	(0-25)	SW846 6010B	07/31/07	J3H701CW
		Dilution Factor: 1					
		Analysis Time..: 22:46					
Potassium	110	(76 - 132)			SW846 6010B	07/31/07	J3H701CX
	108	(76 - 132)	0.97	(0-25)	SW846 6010B	07/31/07	J3H701C0
		Dilution Factor: 1					
		Analysis Time..: 22:46					
Magnesium	NC,MSB	(62 - 146)			SW846 6010B	07/31/07	J3H701C1
	NC,MSB	(62 - 146)		(0-25)	SW846 6010B	07/31/07	J3H701C2
		Dilution Factor: 1					
		Analysis Time..: 22:46					
Manganese	95	(79 - 121)			SW846 6010B	07/31/07	J3H701C3
	93	(79 - 121)	1.2	(0-25)	SW846 6010B	07/31/07	J3H701C4
		Dilution Factor: 1					
		Analysis Time..: 22:46					
Sodium	NC,MSB	(70 - 203)			SW846 6010B	07/31/07	J3H701C5
	NC,MSB	(70 - 203)		(0-40)	SW846 6010B	07/31/07	J3H701C6
		Dilution Factor: 1					
		Analysis Time..: 22:46					
Nickel	86	(84 - 120)			SW846 6010B	07/31/07	J3H701C7
	85	(84 - 120)	0.82	(0-25)	SW846 6010B	07/31/07	J3H701C8
		Dilution Factor: 1					
		Analysis Time..: 22:46					
Lead	86 N	(89 - 121)			SW846 6010B	07/31/07	J3H701C9
	85 N	(89 - 121)	0.84	(0-25)	SW846 6010B	07/31/07	J3H701DA
		Dilution Factor: 1					
		Analysis Time..: 22:46					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7G260168 **Matrix.....:** WATER
Date Sampled...: 07/24/07 08:30 **Date Received..:** 07/25/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Antimony	101	(81 - 124)			SW846 6010B	07/31/07	J3H701DC
	101	(81 - 124)	0.33	(0-25)	SW846 6010B	07/31/07	J3H701DD
		Dilution Factor: 1					
		Analysis Time..: 22:46					
Selenium	103	(71 - 140)			SW846 6010B	07/31/07	J3H701DE
	102	(71 - 140)	1.0	(0-25)	SW846 6010B	07/31/07	J3H701DF
		Dilution Factor: 1					
		Analysis Time..: 22:46					
Thallium	77 N	(90 - 116)			SW846 6010B	07/31/07	J3H701DG
	76 N	(90 - 116)	1.2	(0-25)	SW846 6010B	07/31/07	J3H701DH
		Dilution Factor: 1					
		Analysis Time..: 22:46					
Vanadium	96	(85 - 120)			SW846 6010B	07/31/07	J3H701DJ
	95	(85 - 120)	0.27	(0-25)	SW846 6010B	07/31/07	J3H701DK
		Dilution Factor: 1					
		Analysis Time..: 22:46					
Zinc	95	(60 - 137)			SW846 6010B	07/31/07	J3H701DL
	94	(60 - 137)	1.4	(0-25)	SW846 6010B	07/31/07	J3H701DM
		Dilution Factor: 1					
		Analysis Time..: 22:46					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7G260168 **Matrix.....:** WATER
Date Sampled...: 07/24/07 08:30 **Date Received..:** 07/25/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7G250192-001 **Prep Batch #...:** 7208138									
Silver									
	ND	50.0	53.2	ug/L	106		SW846 6010B	07/31/07	J3H701A7
	ND	50.0	52.5	ug/L	105	1.3	SW846 6010B	07/31/07	J3H701A8
			Dilution Factor: 1						
			Analysis Time..: 22:46						
Aluminum									
	ND	2000	1710	ug/L	85		SW846 6010B	07/31/07	J3H701A9
	ND	2000	1690	ug/L	85	0.95	SW846 6010B	07/31/07	J3H701CA
			Dilution Factor: 1						
			Analysis Time..: 22:46						
Arsenic									
	4.6	1000	1010	ug/L	101		SW846 6010B	07/31/07	J3H701CC
	4.6	1000	998	ug/L	99	1.3	SW846 6010B	07/31/07	J3H701CD
			Dilution Factor: 1						
			Analysis Time..: 22:46						
Barium									
	58	2000	1990	ug/L	97		SW846 6010B	07/31/07	J3H701CE
	58	2000	1990	ug/L	96	0.15	SW846 6010B	07/31/07	J3H701CF
			Dilution Factor: 1						
			Analysis Time..: 22:46						
Beryllium									
	ND	50.0	46.2	ug/L	92		SW846 6010B	07/31/07	J3H701CG
	ND	50.0	45.5	ug/L	91	1.4	SW846 6010B	07/31/07	J3H701CH
			Dilution Factor: 1						
			Analysis Time..: 22:46						
Calcium									
	560000	50000	595000	ug/L			SW846 6010B	07/31/07	J3H701CJ
			Qualifiers: NC,MSB						
	560000	50000	586000	ug/L			SW846 6010B	07/31/07	J3H701CK
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 22:46						
Cadmium									
	0.88	100	105	ug/L	104		SW846 6010B	07/31/07	J3H701CL
	0.88	100	105	ug/L	104	0.65	SW846 6010B	07/31/07	J3H701CM
			Dilution Factor: 1						
			Analysis Time..: 22:46						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7G260168 **Matrix.....:** WATER
Date Sampled...: 07/24/07 08:30 **Date Received..:** 07/25/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Cobalt									
	2.1	500	457	ug/L	91		SW846 6010B	07/31/07	J3H701CN
	2.1	500	454	ug/L	90	0.63	SW846 6010B	07/31/07	J3H701CP
			Dilution Factor: 1						
			Analysis Time..: 22:46						
Chromium									
	ND	200	192	ug/L	96		SW846 6010B	07/31/07	J3H701CQ
	ND	200	190	ug/L	95	0.95	SW846 6010B	07/31/07	J3H701CR
			Dilution Factor: 1						
			Analysis Time..: 22:46						
Copper									
	44	250	296	ug/L	101		SW846 6010B	07/31/07	J3H701CT
	44	250	294	ug/L	100	0.84	SW846 6010B	07/31/07	J3H701CU
			Dilution Factor: 1						
			Analysis Time..: 22:46						
Iron									
	ND	1000	898	ug/L	89		SW846 6010B	07/31/07	J3H701CV
	ND	1000	881	ug/L	88	1.9	SW846 6010B	07/31/07	J3H701CW
			Dilution Factor: 1						
			Analysis Time..: 22:46						
Potassium									
	12000	50000	66700	ug/L	110		SW846 6010B	07/31/07	J3H701CX
	12000	50000	66100	ug/L	108	0.97	SW846 6010B	07/31/07	J3H701C0
			Dilution Factor: 1						
			Analysis Time..: 22:46						
Magnesium									
	540000	50000	580000	ug/L			SW846 6010B	07/31/07	J3H701C1
			Qualifiers: NC,MSB						
	540000	50000	572000	ug/L			SW846 6010B	07/31/07	J3H701C2
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 22:46						
Manganese									
	240	500	720	ug/L	95		SW846 6010B	07/31/07	J3H701C3
	240	500	712	ug/L	93	1.2	SW846 6010B	07/31/07	J3H701C4
			Dilution Factor: 1						
			Analysis Time..: 22:46						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7G260168 **Matrix.....:** WATER
Date Sampled...: 07/24/07 08:30 **Date Received..:** 07/25/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium									
	3200000	50000	3250000	ug/L			SW846 6010B	07/31/07	J3H701C5
			Qualifiers: NC,MSB						
	3200000	50000	3230000	ug/L			SW846 6010B	07/31/07	J3H701C6
			Qualifiers: NC,MSB						
			Dilution Factor: 1						
			Analysis Time..: 22:46						
Nickel									
	ND	500	436	ug/L	86		SW846 6010B	07/31/07	J3H701C7
	ND	500	433	ug/L	85	0.82	SW846 6010B	07/31/07	J3H701C8
			Dilution Factor: 1						
			Analysis Time..: 22:46						
Lead									
	ND	500	428 N	ug/L	86		SW846 6010B	07/31/07	J3H701C9
	ND	500	425 N	ug/L	85	0.84	SW846 6010B	07/31/07	J3H701DA
			Dilution Factor: 1						
			Analysis Time..: 22:46						
Antimony									
	ND	500	505	ug/L	101		SW846 6010B	07/31/07	J3H701DC
	ND	500	504	ug/L	101	0.33	SW846 6010B	07/31/07	J3H701DD
			Dilution Factor: 1						
			Analysis Time..: 22:46						
Selenium									
	10	2000	2070	ug/L	103		SW846 6010B	07/31/07	J3H701DE
	10	2000	2050	ug/L	102	1.0	SW846 6010B	07/31/07	J3H701DF
			Dilution Factor: 1						
			Analysis Time..: 22:46						
Thallium									
	ND	2000	1550 N	ug/L	77		SW846 6010B	07/31/07	J3H701DG
	ND	2000	1530 N	ug/L	76	1.2	SW846 6010B	07/31/07	J3H701DH
			Dilution Factor: 1						
			Analysis Time..: 22:46						
Vanadium									
	13	500	491	ug/L	96		SW846 6010B	07/31/07	J3H701DJ
	13	500	490	ug/L	95	0.27	SW846 6010B	07/31/07	J3H701DK
			Dilution Factor: 1						
			Analysis Time..: 22:46						

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MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7G260168 **Matrix.....:** WATER
Date Sampled...: 07/24/07 08:30 **Date Received..:** 07/25/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Zinc									
	29	500	504	ug/L	95		SW846 6010B	07/31/07	J3H701DL
	29	500	497	ug/L	94	1.4	SW846 6010B	07/31/07	J3H701DM

Dilution Factor: 1
Analysis Time..: 22:46

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

NC The recovery and/or RPD were not calculated.

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7G260168 **Matrix.....:** SOLID
Date Sampled...: 07/20/07 12:00 **Date Received..:** 07/21/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7G210163-023 **Prep Batch #...:** 7208403							
Selenium	94	(76 - 104)			SW846 6010B	07/31/07	J3C191DW
	93	(76 - 104)	0.90	(0-30)	SW846 6010B	07/31/07	J3C191DX
		Dilution Factor: 1					
		Analysis Time..: 21:40					
Barium	90	(52 - 159)			SW846 6010B	07/31/07	J3C191ED
	99	(52 - 159)	6.6	(0-30)	SW846 6010B	07/31/07	J3C191EE
		Dilution Factor: 1					
		Analysis Time..: 21:40					
Cadmium	98	(40 - 130)			SW846 6010B	07/31/07	J3C191EK
	97	(40 - 130)	0.92	(0-30)	SW846 6010B	07/31/07	J3C191EL
		Dilution Factor: 1					
		Analysis Time..: 21:40					
Chromium	98	(70 - 200)			SW846 6010B	07/31/07	J3C191EP
	98	(70 - 200)	0.0	(0-40)	SW846 6010B	07/31/07	J3C191EQ
		Dilution Factor: 1					
		Analysis Time..: 21:40					
Silver	93	(75 - 141)			SW846 6010B	07/31/07	J3C191D6
	94	(75 - 141)	0.36	(0-30)	SW846 6010B	07/31/07	J3C191D7
		Dilution Factor: 1					
		Analysis Time..: 21:40					
Arsenic	93	(76 - 111)			SW846 6010B	07/31/07	J3C191EA
	93	(76 - 111)	0.05	(0-30)	SW846 6010B	07/31/07	J3C191EC
		Dilution Factor: 1					
		Analysis Time..: 21:40					
Lead	87	(70 - 200)			SW846 6010B	07/31/07	J3C191DR
	86	(70 - 200)	1.1	(0-40)	SW846 6010B	07/31/07	J3C191DT
		Dilution Factor: 1					
		Analysis Time..: 21:40					

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7G260168 **Matrix.....:** SOLID
Date Sampled...: 07/20/07 12:00 **Date Received..:** 07/21/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7G210163-023 **Prep Batch #...:** 7208403									
Selenium									
	ND	252	237	mg/kg	94		SW846 6010B	07/31/07	J3C191DW
	ND	252	235	mg/kg	93	0.90	SW846 6010B	07/31/07	J3C191DX
			Dilution Factor: 1						
			Analysis Time..: 21:40						
Barium									
	87	252	314	mg/kg	90		SW846 6010B	07/31/07	J3C191ED
	87	252	336	mg/kg	99	6.6	SW846 6010B	07/31/07	J3C191EE
			Dilution Factor: 1						
			Analysis Time..: 21:40						
Cadmium									
	ND	12.6	12.3	mg/kg	98		SW846 6010B	07/31/07	J3C191EK
	ND	12.6	12.2	mg/kg	97	0.92	SW846 6010B	07/31/07	J3C191EL
			Dilution Factor: 1						
			Analysis Time..: 21:40						
Chromium									
	6.8	25.2	31.6	mg/kg	98		SW846 6010B	07/31/07	J3C191EP
	6.8	25.2	31.6	mg/kg	98	0.0	SW846 6010B	07/31/07	J3C191EQ
			Dilution Factor: 1						
			Analysis Time..: 21:40						
Silver									
	ND	6.30	5.87	mg/kg	93		SW846 6010B	07/31/07	J3C191D6
	ND	6.30	5.89	mg/kg	94	0.36	SW846 6010B	07/31/07	J3C191D7
			Dilution Factor: 1						
			Analysis Time..: 21:40						
Arsenic									
	1.1	126	118	mg/kg	93		SW846 6010B	07/31/07	J3C191EA
	1.1	126	118	mg/kg	93	0.05	SW846 6010B	07/31/07	J3C191EC
			Dilution Factor: 1						
			Analysis Time..: 21:40						
Lead									
	2.5	63.0	57.1	mg/kg	87		SW846 6010B	07/31/07	J3C191DR
	2.5	63.0	56.4	mg/kg	86	1.1	SW846 6010B	07/31/07	J3C191DT
			Dilution Factor: 1						
			Analysis Time..: 21:40						

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7G260168 **Matrix.....:** SO
Date Sampled...: 07/24/07 12:00 **Date Received..:** 07/26/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7G260168-002 **Prep Batch #...:** 7214506							
Mercury	104	(87 - 111)			SW846 7471A	08/02-08/03/07	J3LF81A3
	99	(87 - 111)	5.2	(0-20)	SW846 7471A	08/02-08/03/07	J3LF81A4

Dilution Factor: 1
Analysis Time..: 16:42

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7G260168 **Matrix.....:** SO
Date Sampled...: 07/24/07 12:00 **Date Received..:** 07/26/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7G260168-002 **Prep Batch #...:** 7214506									
Mercury									
	ND	893	929	ug/kg	104		SW846 7471A	08/02-08/03/07	J3LF81A3
	ND	893	882	ug/kg	99	5.2	SW846 7471A	08/02-08/03/07	J3LF81A4

Dilution Factor: 1
Analysis Time..: 16:42

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #...: D7G260168 **Matrix.....:** WATER
Date Sampled...: 07/23/07 14:20 **Date Received..:** 07/24/07

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7G240187-001 **Prep Batch #...:** 7218188							
Mercury	93	(88 - 111)			SW846 7470A	08/06/07	J3F4D1CM
	93	(88 - 111)	0.21	(0-10)	SW846 7470A	08/06/07	J3F4D1CN

Dilution Factor: 1
Analysis Time..: 21:02

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE DATA REPORT

TOTAL Metals

Client Lot #...: D7G260168 **Matrix.....:** WATER
Date Sampled...: 07/23/07 14:20 **Date Received..:** 07/24/07

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: D7G240187-001 **Prep Batch #...:** 7218188									
Mercury									
	ND	5.00	4.64	ug/L	93		SW846 7470A	08/06/07	J3F4D1CM
	ND	5.00	4.65	ug/L	93	0.21	SW846 7470A	08/06/07	J3F4D1CN

Dilution Factor: 1
Analysis Time..: 21:02

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

General Chemistry

Client Lot #...: D7G260168 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids		Work Order #: J37VL1AA		MB Lot-Sample #:	D7G310000-528	
	ND	10	mg/L	MCAWW 160.1	07/31/07	7212528
		Dilution Factor: 1				
		Analysis Time..: 16:15				
Total Dissolved Solids		Work Order #: J37VQ1AA		MB Lot-Sample #:	D7G310000-530	
	ND	10	mg/L	MCAWW 160.1	07/31/07	7212530
		Dilution Factor: 1				
		Analysis Time..: 17:00				

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Lot-Sample #...: D7G260168 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids		WO#:J37VL1AC-LCS/J37VL1AD-LCSD				LCS Lot-Sample#: D7G310000-528	
	102	(86 - 106)			MCAWW 160.1	07/31/07	7212528
	100	(86 - 106)	1.6	(0-20)	MCAWW 160.1	07/31/07	7212528
		Dilution Factor: 1			Analysis Time..: 16:15		
Total Dissolved Solids		WO#:J37VQ1AC-LCS/J37VQ1AD-LCSD				LCS Lot-Sample#: D7G310000-530	
	101	(86 - 106)			MCAWW 160.1	07/31/07	7212530
	101	(86 - 106)	0.19	(0-20)	MCAWW 160.1	07/31/07	7212530
		Dilution Factor: 1			Analysis Time..: 17:00		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: D7G260168

Matrix.....: WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids		WO#:J37VL1AC-LCS/J37VL1AD-LCSD				LCS Lot-Sample#: D7G310000-528		
	500	508	mg/L	102		MCAWW 160.1	07/31/07	7212528
	500	500	mg/L	100	1.6	MCAWW 160.1	07/31/07	7212528
		Dilution Factor: 1				Analysis Time..: 16:15		
Total Dissolved Solids		WO#:J37VQ1AC-LCS/J37VQ1AD-LCSD				LCS Lot-Sample#: D7G310000-530		
	500	507	mg/L	101		MCAWW 160.1	07/31/07	7212530
	500	506	mg/L	101	0.19	MCAWW 160.1	07/31/07	7212530
		Dilution Factor: 1				Analysis Time..: 17:00		

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D7G260168 **Work Order #...:** J3LF8-SMP **Matrix.....:** SO
J3LF8-DUP

Date Sampled...: 07/24/07 12:00 **Date Received..:** 07/26/07

% Moisture.....: 6.6

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Percent Moisture						SD Lot-Sample #:	D7G260168-002	
	6.6	8.0	%	19	(0-20)	MCAWW 160.3 MOD	08/08/07	7208490

Dilution Factor: 1 Analysis Time..: 16:00

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D7G260168 **Work Order #...:** J3MLR-SMP J3MLR-DUP **Matrix.....:** WATER

Date Sampled...: 07/24/07 10:47 **Date Received..:** 07/26/07

% Moisture.....: 0.0

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids						SD Lot-Sample #:	D7G260297-012	
	310	310	mg/L	1.6	(0-20)	MCAWW 160.1	07/31/07	7212528

Dilution Factor: 1 Analysis Time..: 16:15

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: D7G260168 **Work Order #...:** J3LM5-SMP J3LM5-DUP **Matrix.....:** WATER

Date Sampled...: 07/25/07 08:36 **Date Received..:** 07/26/07

% Moisture.....: 0.0

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Dissolved Solids						SD Lot-Sample #:	D7G260188-007	
	1900	1900	mg/L	0.74	(0-20)	MCAWW 160.1	07/31/07	7212530

Dilution Factor: 1 Analysis Time..: 17:00

METHOD BLANK REPORT

Severn Trent Laboratories - Radiochemistry

Client Lot ID: D7G260168
Matrix: WATER

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	RL	MDC	Prep Date	Lab Sample ID Analysis Date
TRITIUM (Distill) by EPA 906.0 MOD			pCi/L	Batch # 7211298	Yld %		F7G300000-298B
Tritium	70	U	200	500	370	08/02/07	08/03/07

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined using instrument performance only
Bold results are greater than the MDC

U Result is less than the sample detection limit.

Laboratory Control Sample Report

Severn Trent Laboratories - Radiochemistry

Client Lot ID: D7G260168
Matrix: WATER

Parameter	Spike Amount	Result	Total Uncert. (2 σ+/-)	MDC	% Yld	% Rec	Lab Sample ID / QC Control Limits
TRITIUM (Distill) by EPA 906.0 MOD			pCi/L	906.0 MOD			F7G300000-298C
Tritium	5110	4370	590	380		85	(77 - 115)
	Batch #:	7211298		Analysis Date:	08/03/07		

NOTE(S)

MDC is determined by instrument performance only
Calculations are performed before rounding to avoid round-off error in calculated results

MATRIX SPIKE/MATRIX SPIKE DUPLICATE REPORT

Severn Trent Laboratories - Radiochemistry

Client Lot ID: D7G240162
Matrix: WG

Date Sampled: 07/21/07 0910
Date Received: 07/24/07 0900

Parameter		Spike Amount	SPIKE Result	Total Uncert. (2 σ+/-)	Spike Yld	SAMPLE Result		Total Uncert. (2σ +/-)	QC Sample ID % Yld	%Rec	QC Control Limits
TRITIUM (Distill) by EPA 90				pCi/L		906.0 MOD			D7G240162-003		
Tritium		5110	4840	640		-20	U	540		95	(59 - 137)
	Spk2	5110	4810	630		-20	U	540		94	(59 - 137)
									Precision:	0.6	%RPD
		Batch #:	7211298		Analysis date:		08/03/07				
TRITIUM (Distill) by EPA 90				pCi/L		906.0 MOD			D7G240162-012		
Tritium		5110	4820	630		30	U	220		94	(59 - 137)
	Spk2	5110	4960	650		30	U	220		96	(59 - 137)
									Precision:	3	%RPD
		Batch #:	7211298		Analysis date:		08/03/07				

NOTE(S)

Data are incomplete without the case narrative.

Calculations are performed before rounding to avoid round-off error in calculated results

U Result is less than the sample detection limit.

Bhate Environmental Associates

Client Sample ID: 0T32-TMW06

Severn Trent Laboratories - Radiochemistry

Lab Sample ID: D7G240162-003
Work Order: J3FT4
Matrix: WG

Date Collected: 07/21/07 0910
Date Received: 07/24/07 0900

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	RL	MDC	Prep Date	Analysis Date
TRITIUM (Distill) by EPA 906.0 MOD				**pCi/L**		**Batch # 7211298**	**Yld %**
Tritium	-20	U	540	500	370	08/02/07	08/03/07

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.
Bold results are greater than the MDC

U Result is less than the sample detection limit.

Bhate Environmental Associates

Client Sample ID: RW42-MW02

Severn Trent Laboratories - Radiochemistry

Lab Sample ID: D7G240162-012
Work Order: J3FV7
Matrix: WG

Date Collected: 07/23/07 0920
Date Received: 07/24/07 0900

Parameter	Result	Qual	Total Uncert. (2 σ+/-)	RL	MDC	Prep Date	Analysis Date
TRITIUM (Distill) by EPA 906.0 MOD				pCi/L		Batch # 7211298	Yld %
Tritium	30	U	220	500	380	08/02/07	08/03/07

NOTE(S)

Data are incomplete without the case narrative.

MDC is determined by instrument performance only.
Bold results are greater than the MDC

U Result is less than the sample detection limit.

BHATE
Environmental Associates, Inc.
1608 13th Avenue South, Suite 300
Birmingham, Alabama 35205
Tel: 205-918-4000
Fax: 205-918-4050

Chain of Custody and Analytical Request

S.1cc 7/26/07 IR1

Project Number: 9050361

Chain of Custody Number [1]: 1

LIMS Number:

Facility/Base I.D.: Holloman AFB

Project Name / Site Name: RW42, OT37, OT32

Client Name: USACE

Collected by: Cruz, McGriff, Zack Beck, Bernard Wolfe, Darrick Berry

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code [2]	Sample Number [3]	Sample Matrix [4]	Number of containers	VOC 8260B	SVOC 8270C	Tritium 906.0M	TDS 160.1	TAL Metals 6010B/7470A	TPH 8015M	PCB 8082	RCRA Metals 6010B/7470A	Perchlorate E6860	Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
RW42-MW01		24-July-2007	1455	-	N		WG	8	X	X	X	X	X								1
OT37-SB15-10		24-July-2007	1200	5 - 10	N		SO	7	X	X				X	X	X	X				2
OT37-SB15-30		24-July-2007	1215	25 - 30	N		SO	7	X	X				X	X	X	X				2
OT37-SB09-15		24-July-2007	1345	10 - 15	N		SO	7	X	X				X	X	X	X				2
OT37-SB09-30		24-July-2007	1400	25 - 30	N		SO	7	X	X				X	X	X	X				2
OT37-SB09-10-d		24-July-2007	1230	5 - 10	EB		WQ	13	X	X				X	X	X	X				3
OT32-TMW05		25-July-2007	1030	-	N	2	WG	2			X										4
Trip Blank-Cooler 1		25-July-2007		-	TB		WQ	2	X												1
Trip Blank-Cooler 2		25-July-2007		-	TB		WQ	2	X												2
Trip Blank-Cooler 3		25-July-2007		-	TB		WQ	2	X												3
Trip Blank-Cooler 4		25-July-2007		-	TB		WQ	2	X												4

Sample Analysis Requested [5]

Quality Assurance Samples [6]

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1. [signature]	7/25/07	1500	1. [signature]	7/26	0900
2.			2.		
3.			3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab: _____ Shipped No.: _____

Method of Shipment: _____ Airbill Number: _____

Analytical Lab: _____ Delivery Location: _____

Lab Recipient: _____ Delivery Date/Time: _____

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)

2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)

3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)

4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc.), SQ = Soil Blanks

5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.

6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control)

DISTRIBUTION: WHITE COPY - Project File YELLOW COPY - Lab Copy PINK COPY - Working File

BHATE
Environmental Associates, Inc.
1608 13th Avenue South, Suite 300
Birmingham, Alabama 35205
Tel: 205-918-4000
Fax: 205-918-4050

Chain of Custody and Analytical Request

4.1°C
7/26/07
IR 1

Project Number: 905036 1

Chain of Custody Number (1): 1

LIMS Number:

Facility/Base I.D.: Holloman AFB

Project Name / Site Name: RW42, OT37, OT32

Client Name: USACE

Collected by: Cory McGriff, Zack Beck, Bernard Wolfe, Darrick Berry

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOC 8260B	SVOC 8270C	Tritium 906.0M	TDS 160.1	TAL Metals 6010B/7470A	TPH 8015M	PCB 8082	RCRA Metals 6010B/7470A Perchlorate 6860	Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
RW42-MW01		24-July-2007	1455	-	N		WG	8	X	X	X	X	X							1
OT37-SB15-10		24-July-2007	1200	05-10	N		SO	7	X	X				X	X	X	X			2
OT37-SB15-30		24-July-2007	1215	25-30	N		SO	7	X	X				X	X	X	X			2
OT37-SB09-15		24-July-2007	1345	10-15	N		SO	7	X	X				X	X	X	X			2
OT37-SB09-30		24-July-2007	1400	25-30	N		SO	7	X	X				X	X	X	X			2
OT37-SB09-10-2		24-July-2007	1230	5-10	EB		WQ	13	X	X				X	X	X	X			3
OT32-TMW05		25-July-2007	1030	-	N	2	WG	2			X									4
Trip Blank-Cooler 1		25-July-2007		-	TB		WQ	2	X											1
Trip Blank-Cooler 2		25-July-2007		-	TB		WQ	2	X											2
Trip Blank-Cooler 3		25-July-2007		-	TB		WQ	2	X											3
Trip Blank-Cooler 4		25-July-2007		-	TB		WQ	2	X											4

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1. [signature]	7/25/07	1500	1. [signature]	7/26	0900
2.			2.		
3.			3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab: _____ Shipped No.: _____
Method of Shipment: _____ Airbill Number: _____
Analytical Lab: _____ Delivery Location: _____
Lab Recipient: _____ Delivery Date/Time: _____

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)
2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)
3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)
4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc.), SQ = Soil Blanks
5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.
6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control)

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5.3°C
7/26/07 IR1

BHATE
Environmental Associates, Inc.

1608 13th Avenue South, Suite 300
Birmingham, Alabama 35205
Tel: 205-918-4000
Fax: 205-918-4050

Chain of Custody and Analytical Request

Page 1 of 1 (Cooler)

Project Number: 9050361

Chain of Custody Number (1): 1

LIMS Number:

Facility/Base I.D.: Holloman AFB

Project Name / Site Name: RW42, OT37, OT32

Client Name: USACE

Collected by: Craig McGriff, Zack Beck, Bernard Wolfe, Darrick Berry

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOC 8260B	SVOC 8270C	Tritium 906.0M	TDS 160.1	TAL Metals 6010B/7470A	TPH 8015M	PCB 8082	RCRA Metals 6010B/7470A	Perchlorate E6860	Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
RW42-MW01		24-July-2007	1455	-	N		WG	8	X	X	X	X	X								
OT37-SB15-10		24-July-2007	1200	5-10	N		SO	7	X	X				X	X	X	X				1
OT37-SB15-30		24-July-2007	1215	25-30	N		SO	7	X	X				X	X	X	X				2
OT37-SB09-15		24-July-2007	1345	10-15	N		SO	7	X	X				X	X	X	X				2
OT37-SB09-30		24-July-2007	1400	25-30	N		SO	7	X	X				X	X	X	X				2
OT37-SB09-10-d		24-July-2007	1230	5-10	EB		WQ	13	X	X				X	X	X	X				2
OT32-TMW05		25-July-2007	1030	-	N	2	WG	2			X										3
Trip Blank-Cooler 1		25-July-2007		-	TB		WQ	2	X												4
Trip Blank-Cooler 2		25-July-2007		-	TB		WQ	2	X												1
Trip Blank-Cooler 3		25-July-2007		-	TB		WQ	2	X												2
Trip Blank-Cooler 4		25-July-2007		-	TB		WQ	2	X												3
																					4

Sample Analysis Requested (5)

Quality Assurance Samples (6)

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1. [signature]	7/25/07	1500	1. [signature]	7/26	0900
2.			2.		
3.			3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab: _____ Shipped No.: _____
Method of Shipment: _____ Airbill Number: _____
Analytical Lab: _____ Delivery Location: _____
Lab Recipient: _____ Delivery Date/Time: _____

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)
2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)
3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)
4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc.), SQ = Soil Blanks
5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.
6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control)

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1608 13th Avenue South, Suite 300
Birmingham, Alabama 35205
Tel: 205-918-4000
Fax: 205-918-4050

4.4°C
7/26/07 IR1

Chain of Custody and Analytical Request

Project Number: 9050361

Chain of Custody Number (1): 1

LIMS Number:

Facility/Base I.D.: Holloman AFB

Project Name / Site Name: RW42, OT37, OT32

Client Name: USACE

Collected by: Craig McGriff, Zack Beck, Bernard Wolfe, Darrick Berry

Sample Analysis Requested (5) / Quality Assurance Samples (6)

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOC 8260B	SVOC 8270C	Tritium 906.0M	TDS 160.1	TAL Metals 6010B/7470A	TPH 8015M	PCB 8082	RCRA Metals 6010B/7470A	Perchlorate 6860	Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
RW42-MW01		24-July-2007	1455	-	N		WG	8	X	X	X	X	X								1
OT37-SB15-10		24-July-2007	1200	5 - 10	N		SO	7	X	X				X	X	X	X				2
OT37-SB15-30		24-July-2007	1215	25 - 30	N		SO	7	X	X				X	X	X	X				2
OT37-SB09-15		24-July-2007	1345	10 - 15	N		SO	7	X	X				X	X	X	X				2
OT37-SB09-30		24-July-2007	1400	25 - 30	N		SO	7	X	X				X	X	X	X				2
OT37-SB09-10-d		24-July-2007	1230	5 - 10	EB		WQ	13	X	X				X	X	X	X				2
OT32-TMW05		25-July-2007	1030	-	N	2	WG	2			X										3
Trip Blank-Cooler 1		25-July-2007		-	TB		WQ	2	X												4
Trip Blank-Cooler 2		25-July-2007		-	TB		WQ	2	X												1
Trip Blank-Cooler 3		25-July-2007		-	TB		WQ	2	X												2
Trip Blank-Cooler 4		25-July-2007		-	TB		WQ	2	X												3

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1. [signature]	7/25/07	1500	1. [signature]	7/26	0900
2.			2.		
3.			3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab: _____ Shipped No.: _____
Method of Shipment: _____ Airbill Number: _____
Analytical Lab: _____ Delivery Location: _____
Lab Recipient: _____ Delivery Date/Time: _____

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)
2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)
3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)
4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc.), SQ = Soil Blanks
5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.
6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control)

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4.9°C PB 7/26/07 TR1

Chain of Custody and Analytical Request

Project Number: 9050361

Chain of Custody Number (1): 2

LIMS Number:

Facility/Base I.D.: Holloman AFB

Project Name / Site Name: SS18, OT20

Client Name: USACE

Collected by: Derrick Berry

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOCs 8260B	SVOCs 8270C	TAL 6010B/7470A	TDS 160.1	PCB 8082	RCRA 6010B/7470A	Pest 8081A	Herb 8151A	Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
SS18-MW01		25-July-2007	1030	-	N		WG	7	X	X	X	X								5
OT20-MW01		25-July-2007	1155	-	N		WG	8	X	X		X	X	X	X	X				6
OT20-MW02		25-July-2007	1235	-	N		WG	8	X	X		X	X	X	X	X				7
Trip Blank-Cooler 5		25-July-2007		-	TB		WQ	2	X											5
Trip Blank-Cooler 6		25-July-2007		-	TB		WQ	2	X											6
Trip Blank-Cooler 7		25-July-2007		-	TB		WQ	2	X											7
				-																
				-																
				-																
				-																
				-																

Sample Analysis Requested

Quality Assurance Samples (6)

COMMENTS: Encore T-Handle returned in Cooler 5

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1. Z. Beck	7/25/07	1600	1. [illegible]	7/26	0900
2.			2.		
3.			3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab: _____ Shipped No.: _____

Method of Shipment: _____ Airbill Number: _____

Analytical Lab: _____ Delivery Location: _____

Lab Recipient: _____ Delivery Date/Time: _____

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)
2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)
3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)
4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc.), SQ = Soil Blanks
5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.
6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control)

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Fax: 205-918-4050

5.6.0C
7/26/07 IR

Chain of Custody and Analytical Request

Project Number: 9050361

Chain of Custody Number [1]: 2

LIMS Number:

Facility/Base I.D.: Holloman AFB

Project Name / Site Name: SS18, OT20

Client Name: USACE

Collected by: Derrick Berry

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code [2]	Sample Number [3]	Sample Matrix [4]	Number of containers	VOCs 8260B	SVOCs 8270C	TAL 6010B/7470A	TDS 160.1	PCB 8082	RCRA 6010B/7470A	Pest 8081A	Herb 8151A	Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
SS18-MW01		25-July-2007	1030	-	N		WG	7	X	X	X	X								5
OT20-MW01		25-July-2007	1155	-	N		WG	8	X	X		X	X	X	X	X				6
OT20-MW02		25-July-2007	1235	-	N		WG	8	X	X		X	X	X	X	X				7
Trip Blank-Cooler 5		25-July-2007		-	TB		WQ	2	X											5
Trip Blank-Cooler 6		25-July-2007		-	TB		WQ	2	X											6
Trip Blank-Cooler 7		25-July-2007		-	TB		WQ	2	X											7
				-																
				-																
				-																
				-																
				-																

Sample Analysis Requested

Quality Assurance Samples [6]

COMMENTS: Encore T-Handle returned in Cooler 5

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1. Z. Beck	7/25/07	1600	1. [illegible]	7/26	0900
2.			2.		
3.			3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab: _____ Shipped No.: _____

Method of Shipment: _____ Airbill Number: _____

Analytical Lab: _____ Delivery Location: _____

Lab Recipient: _____ Delivery Date/Time: _____

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)
2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)
3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)
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5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.
6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control)

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Tel: 205-918-4000
Fax: 205-918-4050

4.3°C 7/26/07

Chain of Custody and Analytical Request

Project Number: 9050361

Chain of Custody Number (1): 2

LIMS Number:

Facility/Base I.D.: Holloman AFB

Project Name / Site Name: SS18, OT20

Client Name: USACE

Collected by: Derrick Berry

Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	VOCs 8260B	SVOCs 8270C	TAL 6010B/7470A	TDS 160.1	PCB 8082	RCRA 6010B/7470A	Pest 8081A	Herb 8151A	Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
SS18-MW01		25-July-2007	1030	-	N		WG	7	X	X	X	X								
OT20-MW01		25-July-2007	1155	-	N		WG	8	X	X		X	X	X	X	X				5
OT20-MW02		25-July-2007	1235	-	N		WG	8	X	X		X	X	X	X	X				6
Trip Blank-Cooler 5		25-July-2007		-	TB		WQ	2	X											7
Trip Blank-Cooler 6		25-July-2007		-	TB		WQ	2	X											5
Trip Blank-Cooler 7		25-July-2007		-	TB		WQ	2	X											6
				-																7
				-																
				-																
				-																
				-																

Sample Analysis Requested

Quality Assurance Samples (6)

COMMENTS: Encore T-Handle returned in Cooler 5

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1. Z. Beck	7/25/07	1600	1. [signature]	7/26	0900
2.			2.		
3.			3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab: _____ Shipped No.: _____

Method of Shipment: _____ Airbill Number: _____

Analytical Lab: _____ Delivery Location: _____

Lab Recipient: _____ Delivery Date/Time: _____

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)
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3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)
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5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.
6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control)

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Southeast ACCUTEST LABORATORIES

09/19/12

Technical Report for

Bhate Environmental Associates, Inc.

HOLMN

9050361.03.

Accutest Job Number: F51388

Sampling Dates: 07/19/07 - 07/24/07

Report to:

Bhate Environmental Associates, Inc.

zbeck@bhate.com

ATTN: Zack Beck

Total number of pages in report: **18**

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Harry Behzadi, Ph.D.
Laboratory Director

Client Service contact: Jean Dent-Smith 407-425-6700

Certifications: FL (E83510), LA (03051), KS (E-10327), IA (366), IL (200063), NC (573), NJ (FL002), SC (96038001) DoD ELAP (L-A-B L2229), CA (04226CA), TX (T104704404), AK, AR, GA, KY, MA, NV, OK, UT, VA, WA, WI

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Test results relate only to samples analyzed.

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Sample Summary

Bhate Environmental Associates, Inc.

Job No: F51388

HOLMN
Project No: 9050361.03.

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
F51388-1	07/23/07	09:00	WMBM	07/28/07	SO	Soil	OT32-SB03-10.5
F51388-2	07/19/07	12:30	WMBM	07/28/07	SO	Soil	OT32-SB08-15
F51388-3	07/24/07	08:30	WMBM	07/28/07	SO	Soil	OT37-SB13-12
F51388-4	07/24/07	14:45	WMBM	07/28/07	SO	Soil	OT37-SB09-16
F51388-5	07/21/07	11:00	WMBM	07/28/07	SO	Soil	RW42-MW02-16
F51388-6	07/21/07	11:20	WMBM	07/28/07	SO	Soil	RW42-MW02-26

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client: Bhate Environmental Associates, Inc. **Job No:** F51388

Site: HOLMN **Report Date** 8/15/2007 2:44:42 PM

6 Samples were collected on between 07/19/2007 and 07/24/2007 and received at Accutest on 07/28/2007 properly preserved, at 21.6 Deg. C and intact. These Samples received an Accutest job number of F51388. A listing of the Laboratory Sample ID, Client Sample ID and dates of collection are presented in the Results Summary Section of this report.

Except as noted below, all method specified calibrations and quality control performance criteria were met for this job. For more information, please refer to QC summary pages.

Wet Chemistry By Method ASTM 1429

Matrix: ALL **Batch ID:** GN26876

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Sample(s) F51388-3DUP were used as the QC samples for Specific Gravity.

Wet Chemistry By Method ASTM D2937-94 M

Matrix: SO **Batch ID:** GN26877

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Sample(s) F51388-3DUP were used as the QC samples for Bulk Density (Dry Basis).

Wet Chemistry By Method ASTM D2974-87

Matrix: SO **Batch ID:** GN26913

Sample(s) F51388-1DUP were used as the QC samples for Fractional Organic Carbon.

Wet Chemistry By Method EPA 160.3 M

Matrix: SO **Batch ID:** GN26860

Sample(s) F51388-1DUP were used as the QC samples for Moisture, Percent.

Accutest Laboratories Southeast (ALSE) certifies that this report meets the project requirements for analytical data produced for the samples as received at ALSE and as stated on the COC. ALSE certifies that the data meets the Data Quality Objectives for precision, accuracy and completeness as specified in the ALSE Quality Manual except as noted above. This report is to be used in its entirety. ALSE is not responsible for any assumptions of data quality if partial data packages are used

Narrative prepared by:

_____ Date: August 15, 2007

Svetlana Izosimova, QAO (signature on file)

Summary of Hits

Job Number: F51388
Account: Bhate Environmental Associates, Inc.
Project: HOLMN
Collected: 07/19/07 thru 07/24/07

3

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
F51388-1	**OT32-SB03-10.5**					
Bulk Density (Dry Basis)		1.1			g/ml	ASTM D2937-94 M
Fractional Organic Carbon		4.5			%	ASTM D2974-87
Specific Gravity		1.3				ASTM 1429
F51388-2	**OT32-SB08-15**					
Bulk Density (Dry Basis)		1.1			g/ml	ASTM D2937-94 M
Fractional Organic Carbon		9.5			%	ASTM D2974-87
Specific Gravity		1.5				ASTM 1429
F51388-3	**OT37-SB13-12**					
Bulk Density (Dry Basis)		1.3			g/ml	ASTM D2937-94 M
Fractional Organic Carbon		7.5			%	ASTM D2974-87
Specific Gravity		1.5				ASTM 1429
F51388-4	**OT37-SB09-16**					
Bulk Density (Dry Basis)		1.1			g/ml	ASTM D2937-94 M
Fractional Organic Carbon		9.8			%	ASTM D2974-87
Specific Gravity		1.3				ASTM 1429
F51388-5	**RW42-MW02-16**					
Bulk Density (Dry Basis)		1.0			g/ml	ASTM D2937-94 M
Fractional Organic Carbon		13.0			%	ASTM D2974-87
Specific Gravity		1.2				ASTM 1429
F51388-6	**RW42-MW02-26**					
Bulk Density (Dry Basis)		1.3			g/ml	ASTM D2937-94 M
Fractional Organic Carbon		5.6			%	ASTM D2974-87
Specific Gravity		1.6				ASTM 1429

Southeast ACCUTEST LABORATORIES

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	OT32-SB03-10.5		
Lab Sample ID:	F51388-1	**Date Sampled:**	07/23/07
Matrix:	SO - Soil	**Date Received:**	07/28/07
		Percent Solids:	93.6
Project:	HOLMN		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Bulk Density (Dry Basis)	1.1		g/ml	1	08/09/07	LE	ASTM D2937-94 M
Fractional Organic Carbon	4.5		%	1	08/10/07	SJL	ASTM D2974-87
Moisture, Percent	6.4		%	1	08/08/07	SJL	EPA 160.3 M
Specific Gravity	1.3			1	08/09/07	LE	ASTM 1429

RL = Reporting Limit

Report of Analysis

Client Sample ID:	OT32-SB08-15		
Lab Sample ID:	F51388-2	**Date Sampled:**	07/19/07
Matrix:	SO - Soil	**Date Received:**	07/28/07
		Percent Solids:	90.4
Project:	HOLMN		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Bulk Density (Dry Basis)	1.1		g/ml	1	08/09/07	LE	ASTM D2937-94 M
Fractional Organic Carbon	9.5		%	1	08/10/07	SJL	ASTM D2974-87
Moisture, Percent	9.6		%	1	08/08/07	SJL	EPA 160.3 M
Specific Gravity	1.5			1	08/09/07	LE	ASTM 1429

RL = Reporting Limit

Report of Analysis

Client Sample ID:	OT37-SB13-12		
Lab Sample ID:	F51388-3	**Date Sampled:**	07/24/07
Matrix:	SO - Soil	**Date Received:**	07/28/07
		Percent Solids:	95.8
Project:	HOLMN		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Bulk Density (Dry Basis)	1.3		g/ml	1	08/09/07	LE	ASTM D2937-94 M
Fractional Organic Carbon	7.5		%	1	08/10/07	SJL	ASTM D2974-87
Moisture, Percent	4.2		%	1	08/08/07	SJL	EPA 160.3 M
Specific Gravity	1.5			1	08/09/07	LE	ASTM 1429

RL = Reporting Limit

Report of Analysis

Client Sample ID:	OT37-SB09-16		
Lab Sample ID:	F51388-4	**Date Sampled:**	07/24/07
Matrix:	SO - Soil	**Date Received:**	07/28/07
		Percent Solids:	91.4
Project:	HOLMN		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Bulk Density (Dry Basis)	1.1		g/ml	1	08/09/07	LE	ASTM D2937-94 M
Fractional Organic Carbon	9.8		%	1	08/10/07	SJL	ASTM D2974-87
Moisture, Percent	8.6		%	1	08/08/07	SJL	EPA 160.3 M
Specific Gravity	1.3			1	08/09/07	LE	ASTM 1429

RL = Reporting Limit

Report of Analysis

Client Sample ID:	RW42-MW02-16		
Lab Sample ID:	F51388-5	**Date Sampled:**	07/21/07
Matrix:	SO - Soil	**Date Received:**	07/28/07
		Percent Solids:	94.9
Project:	HOLMN		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Bulk Density (Dry Basis)	1.0		g/ml	1	08/09/07	LE	ASTM D2937-94 M
Fractional Organic Carbon	13.0		%	1	08/10/07	SJL	ASTM D2974-87
Moisture, Percent	5.1		%	1	08/08/07	SJL	EPA 160.3 M
Specific Gravity	1.2			1	08/09/07	LE	ASTM 1429

RL = Reporting Limit

Report of Analysis

Client Sample ID:	RW42-MW02-26		
Lab Sample ID:	F51388-6	**Date Sampled:**	07/21/07
Matrix:	SO - Soil	**Date Received:**	07/28/07
		Percent Solids:	96.8
Project:	HOLMN		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Bulk Density (Dry Basis)	1.3		g/ml	1	08/09/07	LE	ASTM D2937-94 M
Fractional Organic Carbon	5.6		%	1	08/10/07	SJL	ASTM D2974-87
Moisture, Percent	3.2		%	1	08/08/07	SJL	EPA 160.3 M
Specific Gravity	1.6			1	08/09/07	LE	ASTM 1429

RL = Reporting Limit

Southeast ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Certification Exceptions
- Certification Exceptions (NM)
- Chain of Custody

bhate associates
ENGINEERING, SCIENCE AND CONSTRUCTION

NC 23.100 ice 7/26/07 IH

F51388

Page: 1 of 1
Project No: 9050361.03.
COC Number(1): 07-25-2007-01
LIMS Number:

Chain of Custody and Analytical Request

Facility/Base I.D.: **Holloman Air Force Base**
Project/Site Name: ACM, OT32, OT37, & RW42
Client Name: **USACE**
Collected by: **B. Wolfe, C. McGriff, D. Berry, J. Moore**

	Field Sample ID (30 Characters Max)	ERPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)	SA Code (2)	Sample Number (3)	Sample Matrix (4)	Number of containers	Moisture, 160.3M	Dry Bulk Density, ASTM D2937	FOC, ASTM D2974	Spec. Grav., ASTM D1429					Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
									Sample Analysis Requested (5)									Quality Assurance Samples (6)			
1	OT32-SB03-10.5		23, July, 2007	0900	9 - 10.5	N	01	SO	1	X	X	X	X								
2	OT32-SB08-15		19, July-2007	1230	13 - 15	N	01	SO	1	X	X	X	X								
3	OT37-SB13-12		24-July-2007	0830	10.5 - 12	N	01	SO	1	X	X	X	X								
4	OT37-SB09-16		24-July-2007	1445	14 - 16	N	01	SO	1	X	X	X	X								
5	RW42-MW02-16		21-July-2007	1100	14 16	N	01	SO	1	X	X	X	X								
6	RW42-MW02-26		21-July-2007	1120	25 - 26	N	01	SO	1	X	X	X	X								
					-																
					-																
					-																
					-																
					-																

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1. Z. Beck	7/25/07	1030	1. FED EX		
2. FED EX	7-28-07	09:30	2. W. H. Vogy / ALSE		
3.			3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab: Shipped No.:
Method of Shipment: FedEx Airbill Number:
Analytical Lab: STL-Denver Delivery Location: Denver, CO
Lab Recipient: Delivery Date/Time:

1.) Chain of Custody Number = date collected + custody number (e.g. 09-02-1999-01)
2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-c) Sample, FD = Field Duplicate (-a) Samples, FR = Field Replicate (-b) Samples, EB = Equipment Blank (-d) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-e)
3.) Sample Number: Unique sample number collected from a particular location per day. (e.g. Groundwater sample collected from MW-1 on 10/10/99 = 01, if sampled again on 10/10/99 = 02, etc.)
4.) Matrix Codes: GS = Soil Gas, WG = Groundwater, WS = Surface Water, SO = Soil, SE = Sediment, SL = Sludge, SS = Surface Soil Samples, WQ = Aqueous Blank Samples (trip, equipment, ambient, etc), SQ = Soil Blanks
5.) Sample Analysis Requested: Analytical method requested and number of containers provided for each.
6.) Quality assurance samples are assigned by date (ddmmyy) and the sample number associated with the sample (01, 02, etc) (e.g. Equipment blank collected in association with MW-1 on 10/10/99 will be designated 10109901 in the Equipment Blank Lot Control

21.6

5.1 5

F51388: Chain of Custody
Page 1 of 2

ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: F51388 CLIENT: BHATE PROJECT: USACE

DATE/TIME RECEIVED: 07.28.07 09:30 # OF COOLERS RECEIVED: Box COOLER TEMPS: 21.6

METHOD OF DELIVERY: FEDEX UPS ACCUTEST COURIER GREYHOUND DELIVERY OTHER

AIRBILL NUMBERS:

COOLER INFORMATION

- [ ] CUSTODY SEAL NOT PRESENT OR NOT INTACT
- [ ] CHAIN OF CUSTODY NOT RECEIVED (COC)
- [ ] ANALYSIS REQUESTED IS UNCLEAR OR MISSING
- [ ] SAMPLE DATES OR TIMES UNCLEAR OR MISSING
- [ ] TEMPERATURE CRITERIA NOT MET

TRIP BLANK INFORMATION

- [ ] TRIP BLANK PROVIDED
- [x] TRIP BLANK NOT PROVIDED
- [x] TRIP BLANK NOT ON COC
- [ ] TRIP BLANK INTACT
- [ ] TRIP BLANK NOT INTACT
- [ ] RECEIVED WATER TRIP BLANK
- [ ] RECEIVED SOIL TRIP BLANK

MISC. INFORMATION

NUMBER OF ENCORES ? 0

NUMBER OF 5035 FIELD KITS ? 0

NUMBER OR LAB FILTERED METALS ? 0

SAMPLE INFORMATION

- [ ] SAMPLE LABELS NOT PRESENT ON ALL BOTTLES
- [ ] CORRECT NUMBER OF CONTAINERS USED
- [ ] SAMPLE RECEIVED IMPROPERLY PRESERVED
- [ ] INSUFFICIENT VOLUME FOR ANALYSIS
- [ ] TIMES ON COC DOES NOT MATCH LABEL(S)
- [ ] ID'S ON COC DOES NOT MATCH LABEL(S)
- [ ] VOC VIALS HAVE HEADSPACE (MACRO BUBBLES)
- [ ] BOTTLES RECEIVED BUT ANALYSIS NOT REQUESTED
- [ ] NO BOTTLES RECEIVED FOR ANALYSIS REQUESTED
- [ ] UNCLEAR FILTERING INSTRUCTIONS
- [ ] UNCLEAR COMPOSITING INSTRUCTIONS
- [ ] SAMPLE CONTAINER(S) RECEIVED BROKEN
- [ ] % SOLIDS JAR NOT RECEIVED
- [ ] 5035 FIELD KIT NOT FROZEN WITHIN 48 HOUR'S
- [ ] RESIDUAL CHLORINE PRESENT

(APPLICABLE TO EPA 600 SERIES OR NORTH CAROLINA ORGANICS)

SUMMARY OF COMMENTS:

TECHNICIAN SIGNATURE/DATE [signature] 07.28.07 TECHNICIAN SIGNATURE/DATE JC 7-28-07 ASBD 10/03/06

5.1 5

F51388: Chain of Custody
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Southeast ACCUTEST LABORATORIES

General Chemistry

QC Data Summaries

Includes the following where applicable:

- Method Blank and Blank Spike Summaries
- Duplicate Summaries
- Matrix Spike Summaries

METHOD BLANK AND SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: F51388
Account: BHATNM - Bhate Environmental Associates, Inc.
Project: HOLMN

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Bulk Density (Dry Basis)	GN26877		0.0	g/ml				
Specific Gravity	GN26876		1.0					

Associated Samples:
Batch GN26876: F51388-1, F51388-2, F51388-3, F51388-4, F51388-5, F51388-6
Batch GN26877: F51388-1, F51388-2, F51388-3, F51388-4, F51388-5, F51388-6
(*) Outside of QC limits

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: F51388
Account: BHATNM - Bhate Environmental Associates, Inc.
Project: HOLMN

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Bulk Density (Dry Basis)	GN26877	F51388-3	g/ml	1.3	1.2	7.9	0-20%
Fractional Organic Carbon	GN26913	F51388-1	%	4.5	3.8	16.2	0-40%
Moisture, Percent	GN26860	F51388-1	%	6.4	7.5	15.8	0-30%
Specific Gravity	GN26876	F51388-3		1.5	1.5	0.0	0-20%

Associated Samples:
Batch GN26860: F51388-1, F51388-2, F51388-3, F51388-4, F51388-5, F51388-6
Batch GN26876: F51388-1, F51388-2, F51388-3, F51388-4, F51388-5, F51388-6
Batch GN26877: F51388-1, F51388-2, F51388-3, F51388-4, F51388-5, F51388-6
Batch GN26913: F51388-1, F51388-2, F51388-3, F51388-4, F51388-5, F51388-6
(*) Outside of QC limits

APPENDIX E

DATA VALIDATION REPORTS

Data Validation Report

This report contains the results of the review and validation of the specified data package performed by Marcia Olive, Bhate Environmental Associates, Inc., Denver, Colorado.

Introduction

This data validation report covers samples taken from Holloman Air Force Base (AFB), New Mexico, on June 9-11, 2007. Seven groundwater samples, nineteen soil samples, and associated quality control samples were taken during the Accelerated Corrective Measures sampling event at multiple sites. All analyses were performed by STL in Denver, Colorado. The specific samples included in this validation were:

Sample ID	Matrix	Collection Date	Analyses (USEPA Method Number)
SS18-MW02	Water	6/9/07	VOCs (SW8260B), SVOCs (SW8270C), TAL Metals (SW6010B/7470A), TDS (160.1)
WL-12-03	Water	6/9/07	VOCs (SW8260B), SVOCs (SW8270C), TAL Metals (SW6010B/7470A), TDS (160.1)
OT20-MW03	Water	6/10/07	VOCs (SW8260B), SVOCs (SW8270C), PCBs (SW8082), RCRA Metals (SW6010B/7470A), Pesticides (SW8081A), Herbicides (SW8151A), TDS (160.1)
OT20-MW03-A	Water	6/10/07	VOCs (SW8260B), SVOCs (SW8270C), PCBs (SW8082), RCRA Metals (SW6010B/7470A), Pesticides (SW8081A), Herbicides (SW8151A), TDS (160.1)
OT20-MW02	Water	6/10/07	VOCs (SW8260B)
OT20-MW01	Water	6/10/07	VOCs (SW8260B)
SS18-MW04	Water	6/10/07	TAL Metals (SW6010B/7470A)
RW42-DP01-10	Soil	6/10/07	VOCs (SW8260B), SVOCs (SW8270C), TAL Metals (SW6010B/7471A), TPH-GRO, DRO, ORO (SW8015M), Tritium (906.0 MOD)
RW42-DP01-16	Soil	6/10/07	VOCs (SW8260B), SVOCs (SW8270C), TAL Metals (SW6010B/7471A), TPH-GRO, DRO, ORO (SW8015M), Tritium (906.0 MOD)
RW42-DP01-24	Soil	6/10/07	VOCs (SW8260B), SVOCs (SW8270C), TAL Metals (SW6010B/7471A), TPH-GRO, DRO, ORO (SW8015M), Tritium (906.0 MOD)
RW42-DP01-24A	Soil	6/10/07	VOCs (SW8260B), SVOCs (SW8270C), TAL Metals (SW6010B/7471A), TPH-GRO, DRO, ORO (SW8015M), Tritium (906.0 MOD)
RW42-DP02-10	Soil	6/10/07	VOCs (SW8260B), SVOCs (SW8270C), TAL Metals (SW6010B/7471A), TPH-GRO, DRO, ORO (SW8015M), Tritium (906.0 MOD)
RW42-DP02-16	Soil	6/10/07	VOCs (SW8260B), SVOCs (SW8270C), TAL Metals (SW6010B/7471A), TPH-GRO, DRO, ORO (SW8015M), Tritium (906.0 MOD)
RW42-DP02-24	Soil	6/10/07	VOCs (SW8260B), SVOCs (SW8270C), TAL Metals (SW6010B/7471A), TPH-GRO, DRO, ORO (SW8015M), Tritium (906.0 MOD)
RW42-DP03-10	Soil	6/10/07	VOCs (SW8260B), SVOCs (SW8270C), TAL Metals (SW6010B/7471A), TPH-GRO, DRO, ORO (SW8015M), Tritium (906.0 MOD)

Sample ID	Matrix	Collection Date	Analyses (USEPA Method Number)
RW42-DP03-16	Soil	6/10/07	VOCs (SW8260B), SVOCs (SW8270C), TAL Metals (SW6010B/7471A), TPH-GRO, DRO, ORO (SW8015M), Tritium (906.0 MOD)
RW42-DP03-24	Soil	6/10/07	VOCs (SW8260B), SVOCs (SW8270C), TAL Metals (SW6010B/7471A), TPH-GRO, DRO, ORO (SW8015M), Tritium (906.0 MOD)
RW42-DP04-10	Soil	6/10/07	VOCs (SW8260B), SVOCs (SW8270C), TAL Metals (SW6010B/7471A), TPH-GRO, DRO, ORO (SW8015M), Tritium (906.0 MOD)
RW42-DP04-16	Soil	6/10/07	VOCs (SW8260B), SVOCs (SW8270C), TAL Metals (SW6010B/7471A), TPH-GRO, DRO, ORO (SW8015M), Tritium (906.0 MOD)
RW42-DP04-24	Soil	6/10/07	VOCs (SW8260B), SVOCs (SW8270C), TAL Metals (SW6010B/7471A), TPH-GRO, DRO, ORO (SW8015M), Tritium (906.0 MOD)
RW42-DP04-24A	Soil	6/10/07	VOCs (SW8260B), SVOCs (SW8270C), TAL Metals (SW6010B/7471A), TPH-GRO, DRO, ORO (SW8015M), Tritium (906.0 MOD)
OT38-DP03-10	Soil	6/11/07	VOCs (SW8260B), SVOCs (SW8270C), PCBs (SW8082), RCRA Metals (SW6010B/7471A), Pesticides (SW8081A), TPH-GRO, DRO, ORO (SW8015M)
OT37-DP09-2	Soil	6/11/07	PCBs (SW8082), TPH-GRO, DRO, ORO (SW8015M)
OT37-DP09-10	Soil	6/11/07	PCBs (SW8082), TPH-GRO, DRO, ORO (SW8015M)
OT37-DP10-2	Soil	6/11/07	PCBs (SW8082), TPH-GRO, DRO, ORO (SW8015M)
OT37-DP10-10	Soil	6/11/07	PCBs (SW8082), TPH-GRO, DRO, ORO (SW8015M)

Notes: ID – Identification, USEPA – U.S. Environmental Protection Agency, VOCs – Volatile Organic Compounds, SVOCs – Semi-Volatile Organic Compounds, TAL – Target Analyte List, PCBs – Polychlorinated biphenyls, TDS – Total Dissolved Solids, TPH – Total Petroleum Hydrocarbons, GRO – Gasoline Range Organics, DRO – Diesel Range Organics, ORO – Oil Range Organics, -A – Field duplicate sample

This data was validated against the laboratory's quality assurance/quality control (QA/QC) limits using the guidelines and practices published in the *USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review* (USEPA, October 1999), and in the *USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review* (USEPA, October 2004) (NFG), and in conjunction with the Basewide Quality Assurance Project Plan for Holloman AFB.

Sample Handling and Holding Times

All samples were properly preserved and transferred under chain-of-custody to the laboratory for analysis, and all samples were initially analyzed within the required holding time.

The semi-volatile analysis of sample RW42-DP04-16 had three surrogate recoveries below QC limits. This sample was re-extracted and re-analyzed one day outside of hold time. Those results greater than the MDL were qualified as estimated, "J", and the non-detected analytes were qualified as estimated non-detects, "UJ".

Blanks

No analytes were detected in the trip blanks.

The laboratory method blanks were correctly batched with the corresponding field samples. Naphthalene was detected in the method blank associated with samples RW42-DP01-10, RW42-DP01-16, RW42-DP01-24, RW42-DP01-24A, RW42-DP02-10, RW42-DP02-16, RW42-DP02-24, RW42-DP03-10, RW42-DP03-16, RW42-DP03-24, RW42-DP04-10, RW42-DP04-16, RW42-DP04-24, RW42-DP04-24A, and OT38-DP03-10. Only RW42-DP01-10, RW42-DP03-10, and RW42-DP03-16 resulted in naphthalene greater than the MDL and were qualified as estimated, "J".

Bis(2-Ethylhexyl)phthalate was detected in the method blank associated with sample RW42-DP04-16. This compound was qualified as estimated, "J".

TPH-GRO was detected in the method blank associated with samples RW42-DP01-10 and RW42-DP01-16. The results were qualified as estimated, "J".

TPH-DRO was detected in the method blank associated with all 19 soil samples. All results were qualified as estimated, "J".

Manganese, calcium, and iron were detected in the method blanks. The associated samples with results greater than the MDL were qualified as estimated, "J".

Laboratory Control Sample (LCS)/Surrogates

The percent recovery (%R) for bromoform was above the project specific QC requirements for the laboratory control sample (LCS). This compound was not detected in the associated field samples and no qualification was required.

The semi-volatile surrogates 2,4,6-tribromophenol, nitrobenzene-d5, and terphenyl-d14 had recoveries below QC limits for the original sample RW42-DP04-16. The sample was re-extracted and re-run one day beyond specified hold times with all surrogates inside QC limits. (See Sample Handling and Holding times for qualification).

The TPH-GRO surrogate aaa-trifluorotoluene was below QC limits in samples OT38-DP03-10 and OT37-DP09-10 due to matrix interference. These samples were qualified as estimated non-detected, "UJ".

The PCBs surrogate decachlorobiphenyl was above QC limits in sample OT37-DP09-2 due to matrix interference. Since all analytes were non-detect in the sample no qualification was required.

The matrix spike duplicate (MSD) surrogate 2-fluorophenol produced a recovery below QC limits. Since the other five surrogates were within control limits no qualification was required.

The PCB MSD surrogate decachlorobiphenyl generated a recovery above QC limits. Since the matrix spike surrogate was within QC limits, no qualification was required.

Matrix Spike/Matrix Spike Duplicates (MS/MSD)

For the volatiles analysis, the MS/MSD recoveries and or relative percent difference (RPD), in batch 7170404, resulted in the following compounds outside QC limits: bromoform; chlorobenzene; 1,2-dibromoethane; 1,3-dichlorobenzene; 1,2-dichloropropane; trans-1,3-dichloropropene; ethylbenzene; styrene; 1,1,1,2-tetrachloroethane; tetrachloroethene; toluene; 1,1,2-trichloroethane; xylenes (total); n-butylbenzene; sec-butylbenzene; isopropylbenzene; 1,2,4-trimethylbenzene; 1,3,5-

trimethylbenzene; n-propylbenzene; tert-butylbenzene; 2-chlorotoluene; 4-chlorotoluene; 1,3-dichloropropane; hexachlorobutadiene; 4-isopropyltoluene; m&p-xylene; and o-xylene. In batch 7176174, 1,2-dibromoethane; trans-1,3-dichloropropene; 4-methyl-2-pentanone; styrene; 1,1,2,2-tetrachloroethane; 1,1,2-trichloroethane; 1,2,3-trichlorpropane; 1,3-dichloropropane; hexachlorobutadiene; methyl tert-butyl ether; vinyl acetate; and 2-chloroethyl vinyl ether were outside QC limits for the MS and/or MSD recoveries.

For the semi-volatiles analysis, the MS/MSD recoveries and/or RPD yielded acenaphthylene; 4-chloroaniline; 3,3'-dichlorobenzidine; 4,6-dinitro-2-methylphenol; 2,4-dinitrophenol; 3-nitroaniline; 4-nitroaniline; nitrobenzene; n-nitrosodiphenylamine; benzoic acid; and aniline outside QC limits in batch 7165172. The MSD recoveries, in batch 7176488, generated 1,3-dichlorobenzene; hexachloroethane; n-nitrosodimethylamine; 1,2-dichlorobenzene; and 1,4-dichlorobenzene below QC limits.

The MS/MSD analysis for samples OT20-MW03 and OT20-MW0-3-A produced MSD recoveries for delta-BHC and Endrin and the RPD for Aroclor 1260 and Dinoseb above QC limits.

Matrix interference was the probable cause and no action is taken solely on MS/MSD data alone. All samples were cross referenced with the associated LCS, which were within QC limits, and no qualification was required. In the case of bromoform, no qualification was required since the associated samples were non-detect.

The MS and MSD recoveries were below QC limits for mercury. The corresponding LCS was within limits and no qualification was required.

The MS and/or MSD recoveries for magnesium, nickel, and thallium were outside QC limits using a sample from another lot. The corresponding LCS was within limits and no qualification was required.

The MS/MSD recoveries and RPDs, using sample RW42-DP02-24, were not calculated for calcium, aluminum, and iron due to high sample concentration compared to the spike amount. The MS/MSD analysis performed on a sample from another lot also resulted in calcium and sodium recoveries and RPDs not being calculated. Control limits are not applicable when the target analytes concentration in the native sample exceeds the spiked concentration by a factor of four or more.

Project Specific Quality Assurance/Quality Control

Three field duplicate samples were collected and reported with this sample delivery group (SDG). The RPD for tetrachloroethene was outside project defined control limits for sample OT20-MW03 and its duplicate. The RPD for the majority of metals in sample RW42-DP01-24 and its duplicate were outside control limits. Additionally, the RPD for cobalt was outside control limits between sample RW42-DP04-24 and its duplicate. These compounds were qualified as estimated, "J".

The RPD between the primary and confirmatory column, for sample OT20-MW03-A, was greater than 40% for Dalapon. The result was qualified as estimated, "J".

The serial dilution of potassium in samples SS18-MW02 and SS18-MW04 indicated physical and chemical interferences. This may cause data bias and the analyte was qualified as estimated, "J".

Compound Quantitation and Reporting Limits

The TDS analysis for samples SS18-MW02, OT20-MW03, and OT20-MW03-A required a dilution due to high analyte concentration. Elevated reporting limits were reported.

Overall Assessment of Data

Overall, the data is suitable for the intended data usage. All analyses were performed, and the data met the required QC criteria except where noted. The data is 100% complete.

Summary of Qualified Data

Sample ID	Parameter	*Qualifier
SS18-MW02	Calcium	490,000 J
	Potassium	13,000 J
SS18-MW04	Calcium	610,000 J
	Potassium	24,000 J
OT20-MW03	Tetrachloroethene	5.3 J
OT20-MW03-A	Dalapon	0.51 J
	Tetrachloroethene	3.4 J
RW42-DP01-10	Naphthalene	0.76 J
	TPH-GRO	0.74 J
	TPH-DRO	1.9 J
	Manganese	170 J
RW42-DP01-16	TPH-GRO	0.37 J
	TPH-DRO	1.8 J
	Manganese	110 J
RW42-DP01-24	TPH-DRO	2.1 J
	Manganese	59 J
	Aluminum	4,500 J
	Barium	44 J
	Beryllium	0.21 J
	Cobalt	1.6 J
	Chromium	5.6 J
	Copper	3.2 J
	Iron	4,800 J
	Potassium	1,200 J
	Magnesium	1,800 J
	Sodium	1,200 J
	Nickel	3.8 J
	Lead	2.7 J
	Vanadium	11 J
	Zinc	12 J
RW42-DP01-24A	TPH-DRO	2.3 J
	Manganese	160 J
	Aluminum	11,000 J
	Barium	83 J
	Beryllium	0.58 J
	Cobalt	4.2 J
	Chromium	14 J
	Copper	6.7 J
	Iron	11,000 J
	Potassium	3,200 J
	Magnesium	5,000 J
	Sodium	2,500 J
	Nickel	9.8 J
	Lead	5.9 J
	Vanadium	22 J
	Zinc	33 J
RW42-DP02-10	TPH-DRO	2.1 J
	Manganese	220 J

Summary of Qualified Data

Sample ID	Parameter	*Qualifier
RW42-DP02-16	TPH-DRO Manganese	1.8 J 110 J
RW42-DP02-24	TPH-DRO Manganese	2.1 J 120 J
RW42-DP03-10	Naphthalene TPH-DRO Manganese	1.8 J 2.1 J 240 J
RW42-DP03-16	Naphthalene TPH-DRO Manganese	1.0 J 1.9 J 240 J
RW42-DP03-24	TPH-DRO Manganese	2.8 J 140 J
RW42-DP04-10	TPH-DRO Manganese	2.1 J 190 J
RW42-DP04-16	Bis(2-Ethylhexyl)phthalate All non detect SVOCs TPH-DRO Manganese	150 J UJ 2.0 J 150 J
RW42-DP04-24	TPH-DRO Manganese Cobalt	2.1 J 35 J 1.2 J
RW42-DP02-24A	TPH-DRO Cobalt	2.0 J 2.2 J
OT38-DP03-10	TPH-GRO TPH-DRO	UJ 2.2 J
OT37-DP09-2	TPH-DRO	10 J
OT37-DP09-10	TPH-GRO TPH-DRO	UJ 2.2 J
OT37-DP10-2	TPH-DRO	2.3 J
OT37-DP10-10	TPH-DRO	2.0 J

* VOCs/SVOCs/herbicides are in micrograms per kilogram (µg/kg) in soil and micrograms per liter (µg/L) in water, TPH is in milligrams per kilogram (mg/kg), metals are in mg/kg in soil and µg/L in water

Data Validation Report

This report contains the results of the review and validation of the specified data package performed by Marcia Olive, Bhate Environmental Associates, Inc., Denver, Colorado.

Introduction

This data validation report covers samples taken from Holloman Air Force Base (AFB), New Mexico, on July 18-19, 2007. Eight soil samples, three aqueous samples, and associated quality control samples were taken during the Accelerated Corrective Measures sampling event at multiple sites. All analyses were performed by STL in Denver, Colorado. The specific samples included in this validation were:

Sample ID	Matrix	Collection Date	Analyses (USEPA Method Number)
OT32-SB12-15	Soil	7/18/07	VOCs (SW8260B), SVOCs (SW8270C), TAL Metals (SW6010B/7471A), Tritium (906.0 MOD), TPH-GRO, DRO, ORO (SW8015M)
OT32-SB12-25	Soil	7/18/07	VOCs (SW8260B), SVOCs (SW8270C), TAL Metals (SW6010B/7471A), Tritium (906.0 MOD), TPH-GRO, DRO, ORO (SW8015M)
OT32-SB11-15	Soil	7/18/07	VOCs (SW8260B), SVOCs (SW8270C), TAL Metals (SW6010B/7471A), Tritium (906.0 MOD), TPH-GRO, DRO, ORO (SW8015M)
OT32-SB11-25	Soil	7/18/07	VOCs (SW8260B), SVOCs (SW8270C), TAL Metals (SW6010B/7471A), Tritium (906.0 MOD), TPH-GRO, DRO, ORO (SW8015M)
OT37-MW07	Water	7/18/07	VOCs (SW8260B), SVOCs (SW8270C), RCRA Metals (SW6010B/7470A), Perchlorate (SW6860), PCBs (SW8082), TDS (160.1)
OT37-MW07-A	Water	7/18/07	VOCs (SW8260B), SVOCs (SW8270), RCRA Metals (SW6010/7470), Perchlorate (SW6860), PCBs (SW8082), TDS (160.1)
OT37-MW08	Water	7/19/07	VOCs (SW8260B), SVOCs (SW8270), RCRA Metals (SW6010/7470), Perchlorate (SW6860), PCBs (SW8082), TDS (160.1)
OT32-SB10-15	Soil	7/19/07	VOCs (SW8260B), SVOCs (SW8270C), TAL Metals (SW6010B/7471A), Tritium (906.0 MOD), TPH-GRO, DRO, ORO (SW8015M)
OT32-SB10-25	Soil	7/19/07	VOCs (SW8260B), SVOCs (SW8270C), TAL Metals (SW6010B/7471A), Tritium (906.0 MOD), TPH-GRO, DRO, ORO (SW8015M)
OT32-SB09-15	Soil	7/19/07	VOCs (SW8260B), SVOCs (SW8270C), TAL Metals (SW6010B/7471A), Tritium (906.0 MOD), TPH-GRO, DRO, ORO (SW8015M)
OT32-SB09-25	Soil	7/19/07	VOCs (SW8260B), SVOCs (SW8270C), TAL Metals (SW6010B/7471A), Tritium (906.0 MOD), TPH-GRO, DRO, ORO (SW8015M)

Notes: ID – Identification, USEPA – U.S. Environmental Protection Agency, VOCs – Volatile Organic Compounds, SVOCs – Semi-Volatile Organic Compounds, TAL – Target Analyte List, PCBs – Polychlorinated biphenyls, TDS – Total Dissolved Solids, TPH – Total Petroleum Hydrocarbons, GRO – Gasoline Range Organics, DRO – Diesel Range Organics, ORO – Oil Range Organics, -A – Field duplicate sample

This data was validated against the laboratory's quality assurance/quality control (QA/QC) limits using the guidelines and practices published in the *USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review* (USEPA,

October 1999), and in the *USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review* (USEPA, October 2004) (NFG), and in conjunction with the Basewide Quality Assurance Project Plan for Holloman AFB.

Sample Handling and Holding Times

All samples were properly preserved and transferred under chain-of-custody to the laboratory for analysis, and all samples were analyzed within the required holding time with the following exception. All soil samples were prepared three to four days beyond hold time for the TPH-GRO analysis. These results were qualified as estimated non-detected, "UJ", or as estimated detected, "J".

Blanks

Methylene chloride was detected in all of the trip blanks. The aqueous samples reported a positive result for this common laboratory contaminant and were qualified as estimated, "J".

2-Butanone was detected in the method blank associated with the soil samples. This compound was qualified as estimated, "J".

TPH-DRO was detected in the method blank. The subsequent samples were qualified as estimated, "J", for this compound.

For the metals analysis, the aqueous method blank yielded mercury and the soil method blank yielded calcium and zinc. These analytes were qualified as estimated, "J", in the associated samples.

Total dissolved solids was present in the method blank and was qualified as estimated, "J", in the associated samples.

Blank Spike Sample (Laboratory Control Sample)/ Surrogates

All laboratory control sample (LCS) results and surrogates met the QC requirements for the percent recoveries (%Rs) for all analysis with the following exception. The semi-volatile surrogate recovery for nitrobenzene-d5 was below QC limits for sample OT32-SB11-25. This sample was re-extracted and all surrogate recoveries were within control limits.

Matrix Spike/Matrix Spike Duplicates (MS/MSD)

The volatile MS/MSD recoveries for 2-chloroethyl vinyl ether were below QC limits related to the aqueous samples. The compound was not detected in the subsequent samples and no qualification was required. The MS/MSD analysis for the soil samples yielded MS and/or MSD recoveries for chlorobenzene; 1,2-dibromoethane; 1,2-dichlorobenzene; 1,3-dichlorobenzene; 1,4-dichlorobenzene; trans-1,2-dichloroethene; ethylbenzene; styrene; 1,1,1,2-tetrachloroethane; tetrachloroethene; toluene; 1,2,4-trichlorobenzene; trichloroethene; 1,2,3-trichloropropane; xylenes (total); n-butylbenzene; sec-butylbenzene; isopropylbenzene; 1,2,4-trimethylbenzene; 1,3,5-trimethylbenzene; n-propylbenzene; tert-butylbenzene; 2-chlorotoluene; 4-chlorotoluene; 1,1-dichloropropene; hexachlorobutadiene; 4-isopropyltoluene; 1,2,3-trichlorobenzene; m&p-xylene; o-xylene; and bromobenzene below QC limits.

The semi-volatile MS/MSD recoveries and/or relative percent difference (RPD) for the aqueous samples yielded 3,3'-dichlorobenzidine; hexachlorocyclopentadiene; 3-nitroaniline; 4-nitroaniline; nitrobenzene; and N-nitrosodiphenylamine outside QC limits. The MS/MSD analysis for the soil samples yielded an RPD outside QC limits for benzoic acid.

The MSD recovery for perchlorate was below QC limits.

The MS and MSD recoveries for thallium in the soil samples and lead in the aqueous samples were below QC limits.

The MS/MSD and/or RPD for the soil samples could not be calculated for calcium, aluminum, and iron due to sample concentrations exceeding four times the spike amounts. Therefore, control limits were not applicable.

No action is taken on MS/MSD data alone. The MS/MSDs were cross referenced with the associated LCSs, which were in control. Based on this, no qualification of the sample data was required.

Project Specific Quality Assurance/Quality Control

One field duplicate sample was collected and reported with this sample delivery group (SDG). The RPD for bis(2-ethyl hexyl)phthalate was outside project defined control limits and was qualified estimated, "J" in both sample and duplicate.

The duplicate analysis for tritium resulted in a high relative percent difference. The variability in the laboratory duplicate sample result was most likely an indicator of matrix variability and sample inhomogeneity. The samples were all non-detect for tritium and using professional judgement, no qualification was required.

Compound Quantitation and Reporting Limits

The aqueous samples for the analysis of perchlorate and total dissolved solids required a dilution. Elevated reporting limits were reported.

Overall Assessment of Data

Overall, the data is suitable for the intended data usage. All analyses were performed, and the data met the required QC criteria except where noted. The data is 100% complete.

Summary of Qualified Data

Sample ID	Parameter	*Qualifier
OT37-MW07	Methylene chloride	0.56 J
	Mercury	0.038 J
	TDS	16,000 J
	bis(2-ethylhexyl) phthalate	1.3 J
OT37-TMW07-A	Methylene chloride	0.47 J
	Mercury	0.036 J
	TDS	13,000 J
	bis(2-ethylhexyl)phthalate	2.5 J
OT37-TMW08	Methylene chloride	0.45 J
	Mercury	0.035 J
	TDS	22,000 J

Summary of Qualified Data

Sample ID	Parameter	*Qualifier
OT32-SB12-15	TPH-GRO	0.49 J
	2-Butanone	12 J
	TPH-DRO	1.9 J
	Calcium	150,000 J
	Zinc	32 J
OT32-SB12-25	TPH-GRO	UJ
	2-Butanone	13 J
	TPH-DRO	2.2 J
	Calcium	170,000 J
	Zinc	21 J
OT32-SB11-15	TPH-GRO	UJ
	2-Butanone	13 J
	TPH-DRO	2.0 J
	Calcium	200,000 J
	Zinc	13 J
OT32-SB11-25	TPH-GRO	UJ
	2-Butanone	11 J
	TPH-DRO	2.1 J
	Calcium	210,000 J
	Zinc	6.6 J
OT32-SB10-15	TPH-GRO	0.42 J
	2-Butanone	11 J
	TPH-DRO	2.0 J
	Calcium	47,000 J
	Zinc	29 J
OT32-SB10-25	TPH-GRO	UJ
	2-Butanone	9.5 J
	TPH-DRO	1.9 J
	Calcium	160,000 J
	Zinc	18 J
OT32-SB09-15	TPH-GRO	0.42 J
	2-Butanone	11 J
	TPH-DRO	2.0 J
	Calcium	190,000 J
	Zinc	16 J
OT32-SB09-25	TPH-GRO	UJ
	2-Butanone	10 J
	TPH-DRO	2.0 J
	Calcium	97,000 J
	Zinc	22 J

* VOCs/SVOCs are in micrograms per kilogram (µg/kg) in soil and micrograms per liter (µg/L) in water, TPH and metals are in milligrams per kilogram (mg/kg) in soil and µg/L in water, TDS is in milligrams per liter (mg/L)

Data Validation Report

This report contains the results of the review and validation of the specified data package performed by Marcia Olive, Bhate Environmental Associates, Inc., Denver, Colorado.

Introduction

This data validation report covers samples taken from Holloman Air Force Base (AFB), New Mexico, on July 19-20, 2007. Thirteen soil samples, seven aqueous samples, and associated quality control samples were taken during the Accelerated Corrective Measures sampling event at multiple sites. All analyses were performed by STL in Denver, Colorado. The specific samples included in this validation were:

Sample ID	Matrix	Collection Date	Analyses (USEPA Method Number)
OT32-SB04-15	Soil	7/20/07	VOCs (SW8260B), SVOCs (SW8270C), TAL Metals (SW6010B/7471A), Tritium (906.0 MOD), TPH-GRO, DRO, ORO (SW8015M)
OT32-SB04-25	Soil	7/20/07	VOCs (SW8260B), SVOCs (SW8270C), TAL Metals (SW6010B/7471A), Tritium (906.0 MOD), TPH-GRO, DRO, ORO (SW8015M)
OT32-SB04-25A	Soil	7/20/07	VOCs (SW8260B), SVOCs (SW8270C), TAL Metals (SW6010B/7471A), Tritium (906.0 MOD), TPH-GRO, DRO, ORO (SW8015M)
OT32-SB08-20	Soil	7/19/07	VOCs (SW8260B), SVOCs (SW8270C), TAL Metals (SW6010B/7471A), Tritium (906.0 MOD), TPH-GRO, DRO, ORO (SW8015M)
OT32-SB08-30	Soil	7/19/07	VOCs (SW8260B), SVOCs (SW8270C), TAL Metals (SW6010B/7471A), Tritium (906.0 MOD), TPH-GRO, DRO, ORO (SW8015M)
OT32-SB08-30A	Soil	7/19/07	VOCs (SW8260B), SVOCs (SW8270C), TAL Metals (SW6010B/7471A), Tritium (906.0 MOD), TPH-GRO, DRO, ORO (SW8015M)
OT32-SB07-10	Soil	7/19/07	VOCs (SW8260B), SVOCs (SW8270C), TAL Metals (SW6010B/7471A), Tritium (906.0 MOD), TPH-GRO, DRO, ORO (SW8015M)
OT32-SB07-25	Soil	7/19/07	VOCs (SW8260B), SVOCs (SW8270C), TAL Metals (SW6010B/7471A), Tritium (906.0 MOD), TPH-GRO, DRO, ORO (SW8015M)
OT32-SB08-20-D	Water	7/19/07	VOCs (SW8260B), SVOCs (SW8270C), TAL Metals (SW6010B/7470A), Tritium (906.0 MOD), TDS (160.1)
OT32-TMW12	Water	7/19/07	VOCs (SW8260B), SVOCs (SW8270C), TAL Metals (SW6010B/7470A), Tritium (906.0 MOD), TDS (160.1)
OT32-TMW11	Water	7/20/07	VOCs (SW8260B), SVOCs (SW8270C), TAL Metals (SW6010B/7470A), Tritium (906.0 MOD), TDS (160.1)
OT37-MW09	Water	7/19/07	VOCs (SW8260B), SVOCs (SW8270C), RCRA Metals (SW6010B/7470A), Perchlorate (SW6860), PCBs (SW8082), TDS (160.1)
OT37-MW10	Water	7/20/07	VOCs (SW8260B), SVOCs (SW8270C), RCRA Metals (SW6010B/7470A), Perchlorate (SW6860), PCBs (SW8082), TDS (160.1)
OT32-TMW10	Water	7/20/07	VOCs (SW8260B), SVOCs (SW8270C), TAL Metals (SW6010B/7470A), Tritium (906.0 MOD), TDS (160.1)
OT32-TMW09	Water	7/20/07	VOCs (SW8260B), SVOCs (SW8270C), TAL Metals (SW6010B/7470A), Tritium (906.0 MOD), TDS (160.1)

Sample ID	Matrix	Collection Date	Analyses (USEPA Method Number)
OT32-SB06-15	Soil	7/20/07	VOCs (SW8260B), SVOCs (SW8270C), TAL Metals (SW6010B/7471A), Tritium (906.0 MOD), TPH-GRO, DRO, ORO (SW8015M)
OT32-SB06-25	Soil	7/20/07	VOCs (SW8260B), SVOCs (SW8270C), TAL Metals (SW6010B/7471A), Tritium (906.0 MOD), TPH-GRO, DRO, ORO (SW8015M)
OT32-SB06-25A	Soil	7/20/07	VOCs (SW8260B), SVOCs (SW8270C), TAL Metals (SW6010B/7471A), Tritium (906.0 MOD), TPH-GRO, DRO, ORO (SW8015M)
OT32-SB05-15	Soil	7/20/07	VOCs (SW8260B), SVOCs (SW8270C), TAL Metals (SW6010B/7471A), Tritium (906.0 MOD), TPH-GRO, DRO, ORO (SW8015M)
OT32-SB05-25	Soil	7/20/07	VOCs (SW8260B), SVOCs (SW8270C), TAL Metals (SW6010B/7471A), Tritium (906.0 MOD), TPH-GRO, DRO, ORO (SW8015M)

Notes: ID – Identification, USEPA – U.S. Environmental Protection Agency, VOCs – Volatile Organic Compounds, SVOCs – Semi-Volatile Organic Compounds, TAL – Target Analyte List, PCBs – Polychlorinated biphenyls, TDS – Total Dissolved Solids, TPH – Total Petroleum Hydrocarbons, GRO – Gasoline Range Organics, DRO – Diesel Range Organics, ORO – Oil Range Organics, -A – Field duplicate sample, -D – Equipment blank sample

This data was validated against the laboratory's quality assurance/quality control (QA/QC) limits using the guidelines and practices published in the *USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review* (USEPA, October 1999), and in the *USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review* (USEPA, October 2004) (NFG), and in conjunction with the Basewide Quality Assurance Project Plan for Holloman AFB.

Sample Handling and Holding Times

All samples were properly preserved and transferred under chain-of-custody to the laboratory for analysis, and all samples were analyzed within the required holding time with the following exception. The analysis for TPH-GRO exceeded preparation hold times and all samples were qualified as estimated non-detected, "UJ", or as estimated detected, "J".

Blanks

Methylene chloride was detected in trip blanks 1, 2, 4, 6, and 7. Acetone was detected in trip blank 2. Sample OT32-TMW09 was the only associated sample with a positive result for methylene chloride which was qualified as estimated, "J".

The method blanks for the various analyses detected multiple analytes. The detection of trichloroethene associated with the soil samples necessitated samples OT32-SB04-15 and OT32-SB04-25, which had positive results, to be qualified as estimated, "J". A detection of TPH-DRO required the associated samples to be qualified as estimated, "J". Detections of calcium, iron, zinc, and mercury related to the aqueous samples and calcium related to the soil samples, with the exception of OT32-SB05-25, required those analytes with a positive result to be qualified as estimated, "J". The detections of TDS associated with OT32-TMW12, OT32-TMW11, OT37-MW09, and OT37-MW10 brought about qualifying the results as estimated, "J". Tritium was also detected in a method blank. Since no samples produced a result for tritium, no qualification was required.

The continuing calibration blank detected zinc associated with the aqueous samples. This analyte was qualified as estimated, “J”.

The equipment blank associated with samples OT32-SB08-20, OT32-SB08-30, OT32-SB08-30A, OT32-SB07-10, OT32-SB07-25, OT32-TMW12, and OT37-MW09 had detections for calcium, sodium, and zinc. In addition, OT32-TMW12 and OT37-MW09 had detections for total dissolved solids. The blank result for the metals was greater than the method detection limit (MDL) and less than the reporting limit (RL). Therefore, using professional judgment, the metals with results greater than the RL were not qualified.

Blank Spike Sample (Laboratory Control Sample)/ Surrogates

All laboratory control sample (LCS) results and surrogates met the QC requirements for the percent recoveries (%Rs) for all analysis with the following exception. The semi-volatile surrogate recovery for nitrobenzene-d5 was below QC limits for sample OT32-SB11-25. This sample was re-extracted and all surrogate recoveries were within control limits.

The LCS results for the TDS analysis were above QC limits associated with samples OT32-TMW12, -TMW11, OT37-MW09, and -MW10. The positive results were qualified as estimated, “J”.

Matrix Spike/Matrix Spike Duplicates (MS/MSD)

The volatile MS/MSD recoveries and/or relative percent difference (RPD) for benzene; chlorobenzene; chloroethane; 1,3-dichlorobenzene; 1,1-dichloroethene; cis-1,2-dichloroethene; trans-1,2-dichloroethene; ethylbenzene; methylene chloride; styrene; tetrachloroethene; trichloroethene; 1,2,3-trichloropropane; xylenes (total); sec-butylbenzene; 1,2,4-trimethylbenzene; 1,3,5-trimethylbenzene; n-propylbenzene; tert-butylbenzene; 2-chlorotoluene; 1,2-dibromo-3-chloropropane; 1,1-dichloropropene; m&p-xylene; o-xylene; bromobenzene; and naphthalene were outside QC limits related to the soil samples. The MS/MSD analysis for the aqueous samples yielded MS and/or MSD recoveries for 1,1-trichloroethane; trichloroethene; xylenes (total); m&p xylene; and 2-chloroethyl vinyl ether outside QC limits.

The semi-volatile MS/MSD recoveries and/or RPD for the aqueous samples yielded 3,3’-dichlorobenzidine; hexachlorocyclopentadiene; 3-nitroaniline; 4-nitroaniline; nitrobenzene; and N-nitrosodiphenylamine outside QC limits.

The MSD recovery for perchlorate was below QC limits.

The MS and MSD recoveries for lead, aluminum, nickel, and thallium related to the aqueous samples were outside QC limits.

The MS/MSD and/or RPD for the aqueous samples could not be calculated for calcium, magnesium, and sodium and in the soil samples. Aluminum, calcium, and iron could not be calculated due to sample concentrations exceeding four times the spike amounts. Therefore, control limits were not applicable.

No action is taken on MS/MSD data alone. The MS/MSDs were cross referenced with the associated LCSs, which were in control. Based on this, no qualification of the sample data was required.

Project Specific Quality Assurance/Quality Control

Three field duplicate samples were collected and reported with this sample delivery group (SDG). The RPD for potassium, aluminum, barium, and nickel between sample OT32-SB04-25 and its field duplicate were outside project defined control limits. Barium yielded an RPD outside control limits for sample OT32-SB08-30 and it's duplicate. These compounds were qualified as estimated, "J".

The continuing calibration verification (CCV) standard associated with the aqueous samples exhibited percent differences (%Ds) outside control limits for 2-butanone, trichloroethene, and vinyl acetate. Per USEPA National Functional Guidelines up to any two volatile target compounds may fail to meet QC criteria for an acceptable continuing calibration. Therefore, since three compounds were out of range they were qualified as estimated non-detected, "UJ", or as estimated, "J", in the associated samples.

Compound Quantitation and Reporting Limits

Samples OT37-MW09 and OT37-MW10 for the analysis of perchlorate required a dilution. All aqueous samples required a dilution for TDS. Elevated reporting limits were reported.

The RPD for the duplicate for TDS was above QC limits related to samples OT32-TMW12, OT32-TMW11, OT37-MW09, and OT37-MW10. TDS was qualified as estimated, "J".

Overall Assessment of Data

Overall, the data is suitable for the intended data usage. All analyses were performed, and the data met the required QC criteria except where noted. The data is 100% complete.

Summary of Qualified Data

Sample ID	Parameter	*Qualifier
OT32-TMW12	2-Butanone	UJ
	Trichloroethene	UJ
	Vinyl Acetate	UJ
	Mercury	0.039 J
	Calcium	770,000 J
	Zinc	7.4 J
	TDS	12,000 J
OT32-TMW11	2-Butanone	UJ
	Trichloroethene	UJ
	Vinyl Acetate	UJ
	Mercury	0.036 J
	Calcium	740,000 J
	Zinc	6.1 J
	Iron	37 J
	TDS	11,000 J
OT37-MW09	2-Butanone	UJ
	Trichloroethene	UJ
	Vinyl Acetate	UJ
	Mercury	0.037 J
	TDS	5,200 J

Summary of Qualified Data

Sample ID	Parameter	*Qualifier
OT37-MW10	2-Butanone	UJ
	Trichloroethene	UJ
	Vinyl Acetate	UJ
	Mercury	0.039 J
	TDS	16,000 J
OT32-TMW10	2-Butanone	3.2 J
	Trichloroethene	UJ
	Vinyl Acetate	UJ
	Mercury	0.038 J
	Calcium	870,000 J
	Zinc	69 J
	Iron	29 J
OT32-TMW09	Methylene chloride	0.51 J
	2-Butanone	UJ
	Trichloroethene	0.18 J
	Vinyl Acetate	UJ
	Mercury	0.040 J
	Calcium	900,000 J
	Zinc	35 J
	Iron	200 J
OT32-SB04-15	TPH-GRO	UJ
	Trichloroethene	0.38 J
	TPH-DRO	2.1 J
	Calcium	210,000 J
OT32-SB04-25	TPH-GRO	0.48 J
	Trichloroethene	0.30 J
	TPH-DRO	2.1 J
	Calcium	140,000 J
	Potassium	1,700 J
	Nickel	4.6 J
	Aluminum	7,400 J
	Barium	19 J
OT32-SB04-25A	TPH-GRO	0.48 J
	TPH-DRO	2.1 J
	Calcium	130,000 J
	Potassium	990 J
	Nickel	2.7 J
	Aluminum	4,300 J
	Barium	39 J
OT32-SB08-20	TPH-GRO	0.47 J
	TPH-DRO	2.0 J
	Calcium	180,000 J
OT32-SB08-30	TPH-GRO	0.52 J
	TPH-DRO	2.1 J
	Calcium	150,000 J
	Barium	32 J
OT32-SB08-30A	TPH-GRO	0.51 J
	TPH-DRO	2.3 J
	Calcium	140,000 J
	Barium	55 J
OT32-SB07-10	TPH-GRO	0.48 J
	TPH-DRO	2.0 J
	Calcium	150,000 J
OT32-SB07-25	TPH-GRO	0.52 J
	TPH-DRO	2.2 J
	Calcium	220,000 J
OT32-SB06-15	TPH-GRO	UJ
	TPH-DRO	2.1 J
	Calcium	170,000 J
OT32-SB06-25	TPH-GRO	UJ
	TPH-DRO	2.2 J
	Calcium	200,000 J
OT32-SB06-25A	TPH-GRO	UJ
	TPH-DRO	2.2 J
	Calcium	190,000 J
OT32-SB05-15	TPH-GRO	UJ
	TPH-DRO	2.1 J
	Calcium	200,000 J

Summary of Qualified Data

Sample ID	Parameter	*Qualifier
OT32-SB05-25	TPH-GRO	0.44 J
	TPH-DRO	2.2 J

* VOCs/SVOCs are in micrograms per kilogram (µg/kg) in soil and micrograms per liter (µg/L) in water, TPH and metals are in milligrams per kilogram (mg/kg) in soil and µg/L in water, TDS is in milligrams per liter (mg/L)

Data Validation Report

This report contains the results of the review and validation of the specified data package performed by Marcia Olive, Bhate Environmental Associates, Inc., Denver, Colorado.

Introduction

This data validation report covers samples taken from Holloman Air Force Base (AFB), New Mexico, on July 20-23, 2007. Seven soil samples, twelve aqueous samples, and associated quality control samples were taken during the Accelerated Corrective Measures sampling event at multiple sites. All analyses were performed by STL in Denver, Colorado. The specific samples included in this validation were:

Sample ID	Matrix	Collection Date	Analyses (USEPA Method Number)
OT32-TMW08	Water	7/20/07	VOCs (SW8260B), SVOCs (SW8270C), TAL Metals (SW6010B/7470A), Tritium (906.0 MOD), TDS (160.1)
OT32-TMW07	Water	7/20/07	VOCs (SW8260B), SVOCs (SW8270C), TAL Metals (SW6010B/7470A), Tritium (906.0 MOD), TDS (160.1)
OT32-TMW06	Water	7/21/07	VOCs (SW8260B), SVOCs (SW8270C), TAL Metals (SW6010B/7470A), Tritium (906.0 MOD), TDS (160.1)
OT32-TMW06-A	Water	7/21/07	VOCs (SW8260B), SVOCs (SW8270C), TAL Metals (SW6010B/7470A), Tritium (906.0 MOD), TDS (160.1)
OT32-TMW05	Water	7/21/07	VOCs (SW8260B), SVOCs (SW8270C), TAL Metals (SW6010B/7470A), Tritium (906.0 MOD), TDS (160.1)
OT32-TMW05-A	Water	7/21/07	VOCs (SW8260B), SVOCs (SW8270C), TAL Metals (SW6010B/7470A), Tritium (906.0 MOD), TDS (160.1)
OT32-TMW04	Water	7/21/07	VOCs (SW8260B), SVOCs (SW8270C), TAL Metals (SW6010B/7470A), Tritium (906.0 MOD), TDS (160.1)
RW42-MW02	Water	7/23/07	VOCs (SW8260B), SVOCs (SW8270C), TAL Metals (SW6010B/7470A), Tritium (906.0 MOD), TDS (160.1)
RW42-MW02-A	Water	7/23/07	VOCs (SW8260B), SVOCs (SW8270C), TAL Metals (SW6010B/7470A), Tritium (906.0 MOD), TDS (160.1)
RW42-MW03	Water	7/23/07	VOCs (SW8260B), SVOCs (SW8270C), TAL Metals (SW6010B/7470A), Tritium (906.0 MOD), TDS (160.1)
OT32-SB03-15	Soil	7/23/07	VOCs (SW8260B), SVOCs (SW8270C), TAL Metals (SW6010B/7471A), Tritium (906.0 MOD), TPH-GRO, ORO, DRO (8015M)
OT32-SB03-25	Soil	7/23/07	VOCs (SW8260B), SVOCs (SW8270C), TAL Metals (SW6010B/7471A), Tritium (906.0 MOD), TPH-GRO, ORO, DRO (8015M)
OT32-SB03-25A	Soil	7/23/07	VOCs (SW8260B), SVOCs (SW8270C), TAL Metals (SW6010B/7471A), Tritium (906.0 MOD), TPH-GRO, ORO, DRO (8015M)
OT32-SB03-15-D	Water	7/23/07	VOCs (SW8260B), SVOCs (SW8270C), TAL Metals (SW6010B/7470A), Tritium (906.0 MOD), TPH-GRO, ORO, DRO (8015M)
OT32-SB02-10	Soil	7/23/07	VOCs (SW8260B), SVOCs (SW8270C), TAL Metals (SW6010B/7471A), Tritium (906.0 MOD), TPH-GRO, ORO, DRO (8015M)
OT32-SB02-25	Soil	7/23/07	VOCs (SW8260B), SVOCs (SW8270C), TAL Metals (SW6010B/7471A), Tritium (906.0 MOD), TPH-GRO, ORO, DRO (8015M)

Sample ID	Matrix	Collection Date	Analyses (USEPA Method Number)
OT32-SB01-15-D	Water	7/23/07	VOCs (SW8260B), SVOCs (SW8270C), TAL Metals (SW6010B/7470A), Tritium (906.0 MOD), TPH-GRO, ORO, DRO (8015M)
OT32-SB01-15	Soil	7/23/07	VOCs (SW8260B), SVOCs (SW8270C), TAL Metals (SW6010B/7471A), Tritium (906.0 MOD), TPH-GRO, ORO, DRO (8015M)
OT32-SB01-25	Soil	7/23/07	VOCs (SW8260B), SVOCs (SW8270C), TAL Metals (SW6010B/7471A), Tritium (906.0 MOD), TPH-GRO, ORO, DRO (8015M)
Notes: ID – Identification, USEPA – U.S. Environmental Protection Agency, VOCs – Volatile Organic Compounds, SVOCs – Semi-Volatile Organic Compounds, TAL – Target Analyte List, TDS – Total Dissolved Solids, TPH – Total Petroleum Hydrocarbons, GRO – Gasoline Range Organics, DRO – Diesel Range Organics, ORO – Oil Range Organics, -A – Field duplicate sample, -D – Equipment blank sample			

This data was validated against the laboratory's quality assurance/quality control (QA/QC) limits using the guidelines and practices published in the *USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review* (USEPA, October 1999), and in the *USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review* (USEPA, October 2004) (NFG), and in conjunction with the Basewide Quality Assurance Project Plan for Holloman AFB.

Sample Handling and Holding Times

All samples were properly preserved and transferred under chain-of-custody to the laboratory for analysis, and all samples were analyzed within the required holding time with the following exception. The semi-volatile analysis for sample OT32-SB03-15-D was re-extracted 3 days beyond hold time due to insufficient surrogate recoveries. All surrogate recoveries were within control limits for the re-extracted sample. Due to the hold time exceedance, all non-detected compounds were qualified as estimated non-detected, "UJ".

The hold time between collection and preparation for the TPH-GRO analysis of soils was exceeded by two days. All samples were non-detect and were qualified as estimated non-detected, "UJ".

The sample container for the tritium analysis for sample OT32-TMW05 arrived with a broken cap and could not be analyzed. This was re-sampled at a later date.

Blanks

The laboratory method blanks were correctly batched with the corresponding field samples. For the VOC analysis, 2-butanone was detected in the method blank associated with samples OT32-SB03-15, OT32-SB03-25, OT32-SB03-25-A, OT32-SB02-10, OT32-SB02-25, OT32-SB01-15, and OT32-SB01-25. The sample results for this compound were less than 10 times the blank concentration and were qualified as estimated, "J". Methylene chloride was detected in the method blank associated with the aqueous samples. Methylene chloride was detected in all trip blanks as well as the two equipment blanks. This is a common laboratory contaminant and those samples with a positive concentration of less than 10 times the blank amount were qualified as estimated, "J". Acetone was detected in trip blanks 1 and 10. This compound was non-detect in the associated samples and no qualification was required.

The equipment blanks and method blanks yielded detections for TPH-DRO. The sample data was qualified as estimated, "J".

The aqueous samples associated with the continuing calibration blank (CCB) yielded a result for sodium and the method blank had detections of sodium, mercury, calcium, and zinc. Both equipment blanks had detections of sodium, mercury, calcium, manganese, barium, and iron while only OT32-SB01-15-D had detections for zinc, aluminum, and magnesium. Using professional judgment, those analytes with a positive result were qualified as estimated, "J", in the related samples (see Summary of Qualified Data Table).

Blank Spike Sample (Laboratory Control Sample)/ Surrogates

All laboratory control sample (LCS) results and surrogates met the QC requirements for the percent recoveries (%Rs) for all analysis with the following exception. For the semi-volatile analysis, the surrogates 2-fluorophenol and 2-fluorobiphenyl produced recoveries below QC limits associated with equipment blank OT32-SB03-15-D. This sample was re-extracted 3 days beyond hold times with all surrogates in control. Due to the hold time exceedance, the sample results were qualified as estimated non-detected, "UJ". Sample OT32-SB02-25 exhibited all surrogate recoveries below QC limits. This sample was not re-extracted and re-analyzed so all non-detected compounds were qualified as estimated non-detected, "UJ". This sample was a parent sample to the matrix spike (MS)/matrix spike duplicate (MSD) analysis for this batch. In this MS/MSD analysis, 2-fluorphenol and nitrobenzene-d5 exhibited recoveries below QC limits for the MSD sample. The MS recoveries were within QC limits and using professional judgement, no further qualification was required based on these parameters.

Matrix Spike/Matrix Spike Duplicates

The volatile MS/MSD recoveries and/or relative percent difference (RPD) for acetone; benzene; bromodichloromethane; bromoform; 2-butanone; carbon tetrachloride; chloroform; dibromomethane; 1,2-dibromoethane; 1,3-dichlorobenzene; 1,4-dichlorobenzene; 1,1-dichloroethane; 1,2-dichloroethane; 1,1-dichloroethene; 1,2-dichloroethene; 1,2-dichloropropane; 2-hexanone; methylene chloride; 4-methyl-2-pentanone; styrene; 1,1,2,2-tetrachloroethane; tetrachloroethene; 1,1,1-trichloroethane; 1,1,2-trichloroethane; trichloroethene; n-butylbenzene; sec-butylbenzene; isopropylbenzene; 1,2,4-trimethylbenzene; n-propylbenzene; tert-butylbenzene; 4-chlorotoluene; 1,2-dibromo-3-chloropropane; 1,3-dichloropropane; 1,1-dichloropropene; 4-isopropyltoluene; methyl tert-butyl ether; bromobenzene; bromochloromethane; 2-pentanone; and 2-chloroethyl vinyl ether were outside QC limits for batch 7214323. Batch 7215224 yielded MS/MSD recoveries and/or RPDs for 1,3-dichlorobenzene; 1,4-dichlorobenzene; ethylbenzene; methylene chloride; styrene; tetrachloroethene; 1,2,4-trichlorobenzene; 1,2,3-trichloropropane; xylenes (total); n-butylbenzene; sec-butylbenzene; isopropylbenzene; 1,2,4-trimethylbenzene; 1,3,5-trimethylbenzene; n-propylbenzene; tert-butylbenzene; 2-chlorotoluene; 4-chlorotoluene; hexachlorobutadiene; 4-isopropyltoluene; m&p-xylene; o-xylene; and bromobenzene outside QC limits. The MS/MSD recoveries and/or RPDs for bromoform; 2-butanone; dibromomethane; 1,2-dibromoethane; 1,2-dichloroethane; trans-1,3-dichloropropene; 2-hexanone; 4-methyl-2-pentanone; styrene; 1,1,2,2-tetrachloroethane; 1,1,1-

trichloroethane; 1,1,2-trichlorethane; trichlorofluoromethane; n-propylbenzene; tert-butylbenzene; 4-chlorotoluene; 1,3-dichloropropane; and 2-chloroethyl vinyl ether were outside QC limits in batch 7218063.

The semi-volatile MS and/or MSD recoveries and RPD for hexachlorocyclopentadiene and 3,3'-dichlorobenzidine were outside QC limits associated with all aqueous samples. The additional MS/MSD analysis performed on sample OT32-SB02-25 yielded 1,2,4-trichlorobezene; 1,3-dichlorobenzene; bis(2-chloroethyl)-ether; 2-chlorophenol; 2,4-dinitrophenol; hexachloroethane; 2-methylnaphthalene; naphthalene; nitrobenzene; 2-nitrophenol; N-nitrosodiphenylamine; phenol; bis(2-chloroisopropyl) ether; hexachlorobutadiene; N-nitrosodimethylamine; 1,2-dichlorobezene; and 1,4-dichlorobenzene MSD recoveries and RPDs outside QC limits associated with the soil samples.

The MSD recovery for perchlorate associated with the equipment blank was below QC limits.

The MS and/or MSD recoveries for lead and thallium associated with the aqueous samples and sodium associated with the soil samples were outside QC limits. Calcium, magnesium, sodium, aluminum, and iron did not report recoveries and RPDs due to the sample concentration greater than four times the spike amounts, in which case, control limits were not applicable.

No action is taken on MS/MSD data alone. The MS/MSDs were cross referenced with the associated LCS, which were in control, and no qualification of the sample data was required.

Project Specific Quality Assurance/Quality Control

Four field duplicate samples were collected and reported with this sample delivery group (SDG).

The serial dilution associated with the aqueous samples indicated interferences for potassium. The results were qualified as estimated, "J".

One of the sample duplicates for TDS yielded an RPD above QC limits associated with samples OT32-TMW08, -TMW07, -TMW06, -TMW06-A, -TMW05, -TMW05-A and -TMW04. These results were qualified as estimated, "J".

Compound Quantitation and Reporting Limits

Due to high analyte levels, samples OT32-TMW08, -TMW07, -TMW06, -TMW06-A, -TMW05-A, -TMW04, -RW42-MW02, -MW02-A, and -MW03 required a dilution for TDS and reported elevated reporting limits.

Overall Assessment of Data

Overall, the data is suitable for the intended data usage. All analyses were performed, and the data met the required QC criteria except where noted. The data is 100% complete.

Summary of Qualified Data

Sample ID	Parameter	*Qualifier
OT32-TMW08	Mercury	0.037 J
	Calcium	830,000 J
	Sodium	3,500,000 J
	Zinc	130 J
	Potassium	15,000 J
	TDS	14,000 J
OT32-TMW07	Mercury	0.034 J
	Calcium	780,000 J
	Sodium	2,900,000 J
	Zinc	40 J
	Potassium	11,000 J
	TDS	13,000 J
OT32-TMW06	Mercury	0.033 J
	Calcium	720,000 J
	Sodium	3,200,000 J
	Zinc	37 J
	Potassium	14,000 J
	TDS	13,000 J
OT32-TMW06-A	Mercury	0.030 J
	Calcium	720,000 J
	Sodium	3,200,000 J
	Zinc	28 J
	Potassium	14,000 J
	TDS	13,000 J
OT32-TMW05	Mercury	0.036 J
	Calcium	580,000 J
	Sodium	320,000 J
	Zinc	110 J
	Potassium	26,000 J
	TDS	3,900 J
OT32-TMW05-A	Mercury	0.034 J
	Calcium	590,000 J
	Sodium	330,000 J
	Zinc	110 J
	Potassium	27,000 J
	Methylene chloride	0.38 J
	TDS	4,100 J
OT32-TMW04	Mercury	0.037 J
	Calcium	560,000 J
	Sodium	3,800,000 J
	Zinc	26 J
	Potassium	14,000 J
	Methylene chloride	0.45 J
	TDS	16,000 J
RW42-MW02	Mercury	0.032 J
	Calcium	670,000 J
	Sodium	2,600,000 J
	Zinc	73 J
	Potassium	7,800 J
	Methylene chloride	0.37 J
RW42-MW02-A	Mercury	0.032 J
	Calcium	680,000 J
	Sodium	2,600,000 J
	Zinc	76 J
	Potassium	7,900 J
	Methylene chloride	0.37 J

Summary of Qualified Data

Sample ID	Parameter	*Qualifier
RW42-MW03	Mercury	0.038 J
	Calcium	670,000 J
	Sodium	2,700,000 J
	Zinc	55 J
	Potassium	8,800 J
	Methylene chloride	0.36 J
OT32-SB03-15	Aluminum	6,800 J
	Barium	120 J
	Calcium	160,000 J
	Iron	6,900 J
	Magnesium	4,500 J
	Manganese	230 J
	Sodium	270 J
	Zinc	15 J
	TPH-GRO	UJ
	2-Butanone	13 J
	TPH-DRO	2.2 J
OT32-SB03-25	Aluminum	6,300 J
	Barium	73 J
	Calcium	160,000 J
	Iron	6,100 J
	Magnesium	3,100 J
	Manganese	78 J
	Sodium	670 J
	Zinc	15 J
	TPH-GRO	UJ
	2-Butanone	11 J
	TPH-DRO	2.2 J
OT32-SB03-25-A	Aluminum	7,000 J
	Barium	77 J
	Calcium	130,000 J
	Iron	7,600 J
	Magnesium	3,600 J
	Manganese	92 J
	Sodium	700 J
	Zinc	19 J
	TPH-GRO	UJ
	2-Butanone	12 J
	TPH-DRO	2.2 J
OT32-SB03-15-D	All SVOCs	UJ
OT32-SB02-10	Aluminum	11,000 J
	Barium	90 J
	Calcium	90,000 J
	Iron	8,800 J
	Magnesium	7,000 J
	Manganese	150 J
	Sodium	2,000 J
	Zinc	27 J
	TPH-GRO	UJ
	2-Butanone	12 J
	TPH-DRO	2.0 J

Summary of Qualified Data

Sample ID	Parameter	*Qualifier
OT32-SB02-25	Aluminum	5,000 J
	Barium	57 J
	Calcium	74,000 J
	Iron	4,300 J
	Magnesium	2,400 J
	Manganese	54 J
	Sodium	710 J
	Zinc	13 J
	TPH-GRO	UJ
	2-Butanone	11 J
	All SVOCs	UJ
	TPH-DRO	2.1 J
OT32-SB01-15	Aluminum	5,300 J
	Barium	43 J
	Calcium	150,000 J
	Iron	4,400 J
	Magnesium	3,000 J
	Manganese	62 J
	Sodium	1,300 J
	Zinc	14 J
	TPH-GRO	UJ
	2-Butanone	13 J
	TPH-DRO	2.1 J
OT32-SB01-25	Aluminum	4,600 J
	Barium	23 J
	Calcium	140,000 J
	Iron	5,600 J
	Magnesium	2,700 J
	Manganese	130 J
	Sodium	360 J
	Zinc	11 J
	TPH-GRO	UJ
	2-Butanone	12 J
	TPH-DRO	2.2 J

* VOCs/SVOCs are in micrograms per kilogram (µg/kg) in soil and micrograms per liter (µg/L) in water, TPH is in milligrams per kilogram (mg/kg), Metals are in µg/L in water and mg/kg in soil, TDS is in milligrams per liter (mg/L)

Data Validation Report

This report contains the results of the review and validation of the specified data package performed by Marcia Olive, Bhate Environmental Associates, Inc., Denver, Colorado.

Introduction

This data validation report covers samples taken from Holloman Air Force Base (AFB), New Mexico, on July 24, 2007. Five soil samples, four aqueous samples, and associated quality control samples were taken during the Accelerated Corrective Measures sampling event at multiple sites. All analyses were performed by STL in Denver, Colorado. The specific samples included in this validation were:

Sample ID	Matrix	Collection Date	Analyses (USEPA Method Number)
OT32-TMW03	Water	7/24/07	VOCs (SW8260B), SVOCs (SW8270C), TAL Metals (SW6010B/7470A), Tritium (906.0 MOD), TDS (160.1)
OT32-TMW02	Water	7/24/07	VOCs (SW8260B), SVOCs (SW8270C), TAL Metals (SW6010B/7470A), Tritium (906.0 MOD), TDS (160.1)
OT32-TMW01	Water	7/24/07	VOCs (SW8260B), SVOCs (SW8270C), TAL Metals (SW6010B/7470A), Tritium (906.0 MOD), TDS (160.1)
OT37-SB13-25-D	Water	7/24/07	VOCs (SW8260B), SVOCs (SW8270C), PCBs (SW8082), RCRA Metals (SW6010B/7470A), Perchlorate (SW6860), TPH-GRO, DRO, ORO (SW8015M)
OT37-SB13-5	Soil	7/24/07	VOCs (SW8260B), SVOCs (SW8270C), PCBs (SW8082), RCRA Metals (SW6010B/7470A), Perchlorate (SW6860), TPH-GRO, DRO, ORO (SW8015M)
OT37-SB13-25	Soil	7/24/07	VOCs (SW8260B), SVOCs (SW8270C), PCBs (SW8082), RCRA Metals (SW6010B/7470A), Perchlorate (SW6860), TPH-GRO, DRO, ORO (SW8015M)
OT37-SB10-5	Soil	7/24/07	VOCs (SW8260B), SVOCs (SW8270C), PCBs (SW8082), RCRA Metals (SW6010B/7470A), Perchlorate (SW6860), TPH-GRO, DRO, ORO (SW8015M)
OT37-SB10-30	Soil	7/24/07	VOCs (SW8260B), SVOCs (SW8270C), PCBs (SW8082), RCRA Metals (SW6010B/7470A), Perchlorate (SW6860), TPH-GRO, DRO, ORO (SW8015M)
OT37-SB10-30A	Soil	7/24/07	VOCs (SW8260B), SVOCs (SW8270C), PCBs (SW8082), RCRA Metals (SW6010B/7470A), Perchlorate (SW6860), TPH-GRO, DRO, ORO (SW8015M)

Notes: ID – Identification, USEPA – U.S. Environmental Protection Agency, VOCs – Volatile Organic Compounds, SVOCs – Semi-Volatile Organic Compounds, TAL – Target Analyte List, PCBs – Polychlorinated biphenyls, TDS – Total Dissolved Solids, TPH – Total Petroleum Hydrocarbons, GRO – Gasoline Range Organics, DRO – Diesel Range Organics, ORO – Oil Range Organics, -A – Field duplicate sample, -D – Equipment blank sample

This data was validated against the laboratory's quality assurance/quality control (QA/QC) limits using the guidelines and practices published in the *USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review* (USEPA,

October 1999), and in the *USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review* (USEPA, October 2004) (NFG), and in conjunction with the Basewide Quality Assurance Project Plan for Holloman AFB.

Sample Handling and Holding Times

All samples were properly preserved and transferred under chain-of-custody to the laboratory for analysis, and all samples were analyzed within the required holding time with the following exception. The hold time between collection and preparation for the TPH-GRO analysis was exceeded by four days. All samples were non-detect and were qualified as estimated non-detected, "UJ".

Sample OT37-SB13-25-D was received with insufficient preservation. Aqueous volatile samples don't need preservation if analyzed within 7 days. Therefore, no qualification was required.

Blanks

Acetone, barium, mercury, and TPH-DRO were detected in the equipment blank. Acetone, mercury, and TPH-DRO were either not detected or had a concentration greater than 5 times the blank amount in the samples and no qualification was required. Sample OT37-SB10-5 yielded a barium concentration less than 5 times the blank concentration and was qualified as estimated, "J".

Acetone and methylene chloride were detected in the trip blank associated with the equipment blank. These common contaminants were not present in the samples and no qualification was required.

The laboratory method blanks were correctly batched with the corresponding field samples. For the VOC analysis, methylene chloride was also detected in the method blank associated with the aqueous samples. As stated above, this compound was not detected in the samples and no qualification was required. 2-Butanone was detected in the method blank associated with the soil samples. 2-Butanone was detected in all soil samples with a concentration less than 10 times the blank concentration and were qualified as estimated, "J".

TPH-DRO was also detected in the method blank. This compound yielded results less than 5 times the blank concentration in the associated samples and were qualified as estimated, "J".

Finally, calcium, zinc, and mercury were detected in the method blank associated with the aqueous samples. These analytes were qualified as estimated, "J".

Blank Spike Sample (Laboratory Control Sample)/ Surrogates

All laboratory control sample (LCS) results and surrogates met the QC requirements for the percent recoveries (%Rs) for all analysis with the following exception. The LCS duplicate recovery for n-propylbenzene was below QC limits. Since this compound was not detected in all associated samples, no qualification was required.

The semi-volatile matrix spike duplicate surrogate recoveries for 2-fluorophenol and nitrobenzene-d5 were below QC limits. Since the matrix spike surrogate recoveries as

well as the associated sample surrogate recoveries were within control limits, no qualification was required.

Matrix Spike/Matrix Spike Duplicates (MS/MSD)

The volatile MS/MSD recoveries and/or relative percent difference (RPD) for acetone; benzene; bromodichloromethane; bromoform; 2-butanone; carbon tetrachloride; chloroform; dibromomethane; 1,2-dibromoethane; 1,3-dichlorobenzene; 1,4-dichlorobenzene; 1,1-dichloroethane; 1,2-dichloroethane; 1,1-dichloroethene; 1,2-dichloroethene; 1,2-dichloropropane; 2-hexanone; methylene chloride; 4-methyl-2-pentanone; styrene; 1,1,2,2-tetrachloroethane; tetrachloroethene; 1,1,1-trichloroethane; 1,1,2-trichloroethane; trichloroethene; n-butylbenzene; sec-butylbenzene; isopropylbenzene; 1,2,4-trimethylbenzene; n-propylbenzene; tert-butylbenzene; 4-chlorotoluene; 1,2-dibromo-3-chloropropane; 1,3-dichloropropane; 1,1-dichloropropene; 4-isopropyltoluene; methyl tert-butyl ether; bromobenzene; bromochloromethane; 2-pentanone; and 2-chloroethyl vinyl ether were outside QC limits for the associated aqueous samples. The MS/MSD analysis was not performed for the soil sample batch due to insufficient sample volume.

The semi-volatile MS/MSD recoveries and/or RPD for 1,2,4-trichlorobenzene; 1,3-dichlorobenzene; bis(2-chloroethyl) ether; 2-chlorophenol; 2,4-dinitrophenol; hexachloroethane; 2-methylnaphthalene; naphthalene; nitrobenzene; 2-nitrophenol; N-nitrosodiphenylamine; phenol; bis(2-chloroisopropyl) ether; hexachlorobutadiene; N-nitrosodimethylamine; 1,2-dichlorobenzene; and 1,4-dichlorobenzene were outside QC limits associated with samples OT37-SB13-5, OT37-SB13-25, OT37-SB10-30, and OT37-SB10-30A. The MS/MSD analysis for the aqueous samples was not performed due to insufficient sample volume.

The MS and MSD recoveries for TPH-GRO were above QC limits.

The MS/MSD analysis could not be performed on the equipment blank sample due to insufficient sample volume.

The MS and/or MSD recoveries for perchlorate were below QC limits.

The MS and MSD recoveries for lead and thallium were below QC limits associated with the aqueous samples.

The MS/MSD and/or RPD could not be calculated for calcium, magnesium, and sodium due to sample concentrations exceeding four times the spike amounts. Therefore, control limits were not applicable.

No action is taken on MS/MSD data alone. The MS/MSDs were cross referenced with the associated LCS and/or the sample data. Based on this, no qualification of the sample data was required.

Project Specific Quality Assurance/Quality Control

One field duplicate sample was collected and reported with this sample delivery group (SDG). No compounds exceeded the project defined RPD limits.

The continuing calibration verification (CCV) standards for the PCB analysis yielded percent difference (%D) values outside QC limits for dechlorobiphenyl. All associated

samples were non-detected and the surrogate dechlorobiphenyl in control. Therefore no qualification was required.

Compound Quantitation and Reporting Limits

Due to high analyte levels, a dilution was required for TDS analysis and reported elevated reporting limits.

Overall Assessment of Data

Overall, the data is suitable for the intended data usage. All analyses were performed, and the data met the required QC criteria except where noted. The data is 100% complete.

Summary of Qualified Data

Sample ID	Parameter	*Qualifier
OT32-TMW03	Mercury Calcium Zinc	0.035 J 560,000 J 29 J
OT32-TMW02	Mercury Calcium Zinc	0.035 J 490,000 J 34 J
OT32-TMW01	Mercury Calcium Zinc	0.033 J 590,000 J 59 J
OT37-SB13-5	TPH-GRO 2-Butanone TPH-DRO	UJ 11 J 1.9 J
OT37-SB13-25	TPH-GRO 2-Butanone TPH-DRO	UJ 12 J 2.2 J
OT37-SB10-5	TPH-GRO Barium 2-Butanone TPH-DRO	UJ 6.8 J 14 J 2.3 J
OT37-SB10-30	TPH-GRO 2-Butanone TPH-DRO	UJ 14 J 2.2 J
OT37-SB10-30A	TPH-GRO 2-Butanone TPH-DRO	UJ 15 J 2.4 J

* VOCs/SVOCs are in micrograms per kilogram (µg/kg), TPH and metals are in milligrams per kilogram (mg/kg) in soil and µg/L in water

Data Validation Report

This report contains the results of the review and validation of the specified data package performed by Marcia Olive, Bhate Environmental Associates, Inc., Denver, Colorado.

Introduction

This data validation report covers samples taken from Holloman Air Force Base (AFB), New Mexico, on July 24-25, 2007. Four soil samples, six aqueous samples, and associated quality control samples were taken during the Accelerated Corrective Measures sampling event at multiple sites. All analyses were performed by STL in Denver, Colorado. The specific samples included in this validation were:

Sample ID	Matrix	Collection Date	Analyses (USEPA Method Number)
RW42-MW01	Water	7/24/07	VOCs (SW8260B), SVOCs (SW8270C), TAL Metals (SW6010B/7470A), Tritium (906.0 MOD), TDS (160.1)
OT37-SB15-10	Soil	7/24/07	VOCs (SW8260B), SVOCs (SW8270C), RCRA Metals (SW6010B/7471A), Perchlorate (SW6860), PCBs (SW8082), TPH-GRO, DRO, ORO (SW8015M)
OT37-SB15-30	Soil	7/24/07	VOCs (SW8260B), SVOCs (SW8270C), RCRA Metals (SW6010B/7471A), Perchlorate (SW6860), PCBs (SW8082), TPH-GRO, DRO, ORO (SW8015M)
OT37-SB09-15	Soil	7/24/07	VOCs (SW8260B), SVOCs (SW8270C), RCRA Metals (SW6010B/7471A), Perchlorate (SW6860), PCBs (SW8082), TPH-GRO, DRO, ORO (SW8015M)
OT37-SB09-30	Soil	7/24/07	VOCs (SW8260B), SVOCs (SW8270C), RCRA Metals (SW6010B/7471A), Perchlorate (SW6860), PCBs (SW8082), TPH-GRO, DRO, ORO (SW8015M)
OT37-SB09-10-d	Water	7/24/07	VOCs (SW8260B), SVOCs (SW8270C), RCRA Metals (SW6010B/7470A), Perchlorate (SW6860), PCBs (SW8082), TPH-GRO, DRO, ORO (SW8015M)
OT32-TMW05	Water	7/25/07	Tritium (906.0 MOD)
SS18-MW04	Water	7/25/07	VOCs (SW8260B), SVOCs (SW8270C), TAL Metals (SW6010B/7470A), TDS (160.1)
OT20-MW01	Water	7/25/07	VOCs (SW8260B), SVOCs (SW8270C), RCRA Metals (SW6010B/7470A), Pesticides (SW8081), Herbicides (SW8151), PCBs (SW8082), TDS (160.1)
OT20-MW02	Water	7/25/07	VOCs (SW8260B), SVOCs (SW8270C), RCRA Metals (SW6010B/7470A), Pesticides (SW8081), Herbicides (SW8151), PCBs (SW8082), TDS (160.1)

Notes: ID – Identification, USEPA – U.S. Environmental Protection Agency, VOCs – Volatile Organic Compounds, SVOCs – Semi-Volatile Organic Compounds, TAL – Target Analyte List, PCBs – Polychlorinated biphenyls, TDS – Total Dissolved Solids, TPH – Total Petroleum Hydrocarbons, GRO – Gasoline Range Organics, DRO – Diesel Range Organics, ORO – Oil Range Organics, -d – Equipment blank sample

This data was validated against the laboratory's quality assurance/quality control (QA/QC) limits using the guidelines and practices published in the *USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review* (USEPA, October 1999), and in the *USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review* (USEPA, October 2004) (NFG), and in conjunction with the Basewide Quality Assurance Project Plan for Holloman AFB.

Sample Handling and Holding Times

All samples were properly preserved and transferred under chain-of-custody to the laboratory for analysis, and all samples were analyzed within the required holding time with the following exception. The TPH-GRO analysis exceeded hold times from collection to preparation and were qualified as estimated, “J”.

Sample OT37-SB09-10-d was received with insufficient preservation. This sample was analyzed within 7 days. Therefore, no qualification was required.

Blanks

Methylene chloride was detected in trip blanks 3, 4, and 6. Acetone was detected in trip blank 4. Sample OT20-MW01 yielded a positive result for methylene chloride and was qualified as estimated, “J”.

2-Butanone and methylene chloride were detected in the method blank associated with the soil samples. The positive results were qualified as estimated, “J”, in the associated samples.

TPH-GRO and TPH-DRO were detected in the method blanks associated with the soil samples. Subsequently, TPH-DRO was detected in the equipment blank. The resulting samples were qualified as estimated, “J”, for these compounds.

For the metals analysis, the aqueous method blank yielded calcium and zinc. Only samples RW42-MW01 and SS18-MW04 yielded positive results fore these analytes and were qualified as estimated, “J”.

The equipment blank yielded detections for barium and bis(2-ethylhexyl) phthalate. The latter compound was not detected in the associated samples and no qualification was required. The blank result for barium was greater than the method detection limit (MDL) and less than the reporting limit (RL). Barium sample results were greater than the RL and, using professional judgement, were not qualified.

Blank Spike Sample (Laboratory Control Sample)/ Surrogates

All laboratory control sample (LCS) results and surrogates met the QC requirements for the percent recoveries (%Rs) for all analysis with the following exception. The LCS duplicate recovery for n-propylbenzene was below QC limits. The LCS recovery and relative percent difference were in control and no qualification was necessary.

The relative percent difference (RPD) for the LCS analysis of 2,4-D; 2,4,5-T; and Dinoseb were outside QC limits. Also, the LCS duplicate recovery for Dinoseb was above QC limits. These compounds were not detected in the associated samples and no qualification was required.

Matrix Spike/Matrix Spike Duplicates (MS/MSD)

The volatile MS and/or MSD recoveries for bromoform; carbon tetrachloride; chlorobenzene; 1,2-dibromoethane; cis-1,2-dichloroethene; cis-1,3-dichloropropene; trans-1,3-dichloropropene; ethylbenzene; styrene; 1,1,2,2-tetrachloroethane; tetrachloroethene; toluene; 1,1,1-trichloroethane; 1,1,2-trichloroethane;

trichlorofluoromethane; xylenes (total); isopropylbenzene; 1,3-dichloropropane; m&p-xylene; o-xylene; and 2-chloroehtyl vinyl ether were outside QC limits related to samples RW42-MW01, SS18-MW04, OT20-MW01, and OT20-MW02. The MS/MSD analysis for the soil samples could not be performed due to insufficient sample volume.

The MS and/or MSD recoveries for perchlorate were below QC limits.

The MS and MSD recoveries for lead and thallium in the aqueous samples were below QC limits.

The MS/MSD recoveries and/or RPD for the aqueous samples could not be calculated for calcium, magnesium, and sodium due to sample concentrations exceeding four times the spike amounts. Therefore, control limits were not applicable.

No action is taken on MS/MSD data alone. The MS/MSDs were cross referenced with the associated LCSs, which were in control. Therefore, no qualification of the sample data was required.

Project Specific Quality Assurance/Quality Control

No field duplicate samples were collected and reported with this sample delivery group (SDG).

The continuing calibration verification (CCV) standards associated with samples OT20-MW01 and OT20-MW02 yielded percent differences (%Ds) outside QC limits for Endrin. Since this compound was not detected in both samples, no qualification was required.

The RPD exceeded 40% between the primary and confirmation columns for the herbicides analysis of 2,4-DB and Dichlorprop in sample OT20-MW01. In sample OT20-MW02 the RPD was exceeded for Dalapon. These compounds were qualified as estimated, “J”.

Compound Quantitation and Reporting Limits

Due to interferences, lead required a dilution in sample OT20-MW02. Samples RW42-MW01, SS18-MW04, OT20-MW01, and OT20-MW02 required a dilution for the TDS analysis due to high sample concentrations. Elevated reporting limits were reported.

Overall Assessment of Data

Overall, the data is suitable for the intended data usage. All analyses were performed, and the data met the required QC criteria except where noted. The data is 100% complete.

Summary of Qualified Data

Sample ID	Parameter	*Qualifier
RW42-MW01	Calcium Zinc	690,000 J 20 J
SS18-MW04	Calcium Zinc	590,000 J 59 J
OT20-MW01	Methylene chloride 2,4-DB Dichlorprop	0.38 J 0.34 J 0.56 J
OT20-MW02	Dalapon	2.4 J

Summary of Qualified Data

Sample ID	Parameter	*Qualifier
OT37-SB15-10	TPH-GRO 2-Butanone TPH-DRO	0.95 J 11 J 1.8 J
OT37-SB15-20	TPH-GRO 2-Butanone TPH-DRO	1.0 J 9.6 J 2.0 J
OT37-SB09-15	TPH-GRO 2-Butanone TPH-DRO	1.0 J 12 J 2.0 J
OT37-SB09-30	TPH-GRO 2-Butanone TPH-DRO	0.90 J 10 J 2.0 J

* VOCs are in micrograms per kilogram (µg/kg) in soil and micrograms per liter (µg/L) in water, TPH/metals/herbicides/pesticides are in milligrams per kilogram (mg/kg) in soil and µg/L in water, TDS is in milligrams per liter (mg/L)