DEPARTMENT OF THE AIR FORCE
HEADQUARTERS 49TH WING (ACC)
HOLLOMAN AIR FORCE BASE, NEW MEXICO

ENTERED

JUL 2 1 2010

JUL 2010

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New Mexico Environment Department
Attn: Mr. James Bearzi
Hazardous Waste Bureau
2905 Rodeo Park Drive East
Santa Fe NM 87105-6303

Dear New Mexico Environment Department

Holloman AFB is pleased to submit the Final West POL Accelerated Corrective Measures (ACM) Completion Report 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. David Scruggs of our Asset Management Flight at (575) 572-5395.

Sincerely

A. DAVID BUDAK, YF-3, DAFC

Attachment:
Final West POL Accelerated Corrective Measures (ACM) Completion Report

cc:

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FINAL

WEST POL YARD ACCELERATED CORRECTIVE MEASURES COMPLETION REPORT HOLLOMAN AIR FORCE BASE, NEW MEXICO

Prepared for:

49 CES/CEA
Holloman Air Force Base
New Mexico

Under Contract to:

U.S. Army Corps of Engineers - Albuquerque District
HTRW Branch
4101 Jefferson Plaza NE
Albuquerque, New Mexico 87109-3435

Contract No. W912PP-09-D003
Delivery Order No. 0005

June 2010

Revision No. 01

Prepared by:

NATIONVIEW

1608 13th Avenue South, Suite 160
Birmingham, Alabama 35205
Contract No: W912PL-07-D-0050
NationView Project Number: 8090012

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ACCELERATED CORRECTIVE MEASURES
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PREFACE

As a result of two New Mexico Environment Department (NMED) Notice of Disapproval (NOD) letters (HWB-HAFB-08-008) dated March 13, 2009, and May 14, 2009 (included in Attachment A of this report), the previously submitted *Final West POL Yard Accelerated Corrective Measures Completion Report, Holloman AFB, New Mexico* (Bhate Environmental Associates Inc., July 2008) has been substantially revised. In order to accommodate the comments presented within the two NODs, numerous new sections of text were added and deleted from the original Final West POL Accelerated Corrective Measures Completion Report. Due to these extensive revisions, this version of the Final West POL Accelerated Corrective Measures Completion Report is being resubmitted to the NMED Hazardous Waste Bureau without the customary redline strikeout revision format. The changes to the original West POL Completion Report are so considerable that review of the redline strikeout version would be time consuming and difficult to understand. Therefore, this preface was placed in this version to alert potential reviewers regarding the previously submitted version and why this version was not prepared as a redline strikeout.

A detailed response to each of the NMED comments provided in the NOD letters (HWB-HAFB-08-008) dated March 13, 2009, and May 14, 2009, are included in Attachment A of this report. An explanation of the revisions noted in the NOD letter is provided in the response to comments in order to expedite the substantive changes requested in the two NOD letters.

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FINAL

WEST POL YARD ACCELERATED CORRECTIVE MEASURES COMPLETION REPORT HOLLOMAN AIR FORCE BASE, NEW MEXICO

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A NMED Correspondence

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B Soil Boring Logs and Monitoring Well Construction Diagrams
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LIST OF ACRONYMS

AAF	Army Air Field
ACC	Air Combat Command
ACM	Accelerated Corrective Measures
amsl	Above mean sea level
AOC	Area of Concern
AST	Aboveground Storage Tank
ASTM	American Society for Testing and Materials
atm-m^3/mol	Atmospheric-cubic meters per mole
bgs	Below ground surface
Bhate	Bhate Environmental Associates, Inc.
COPC	Chemicals of potential concern
cm	Centimeters
cm/sec	Centimeters per second
CY	Cubic yards
DPT	Direct push technology
DQO	Data quality objectives
DRO	Diesel Range Organics
EM	Exposure Model
ERP	Environmental Restoration Program
°C	Degrees Celcius
°F	Degrees Fahrenheit
ft	Feet/foot
ft bgs	Feet below ground surface
FWENC	Foster Wheeler Environmental Corporation
g/cm^3	Grams per cubic centimeter
g/mole	Grams per mole
GRO	Gasoline Range Organics
H	Henry's law constant
HAFB	Holloman Air Force Base
HHMSSL	Human Health Medium Specific Screening Level
HI	Hazard Index
IDW	Investigation Derived Waste
IELCR	Individual excess lifetime cancer risk
J	Data Qualifier (denotes an estimated value)
J&E	Johnson and Ettinger
MADEP	Massachusetts Department of Environmental Protection
MCL	Maximum Contaminant Level
MDL	Method detection limit
µg/L	Micrograms per liter
µg/kg	Micrograms per kilogram
mg/L	Milligrams per liter
mg/kg	Milligrams per kilogram
n	Soil total porosity

NAD	North American Datum
NFA	No Further Action
NMAC	New Mexico Administrative Code
NMED	New Mexico Environment Department
NMWRRS	New Mexico Water Right Reporting System
NMWQCC	New Mexico Water Quality Control Commission
NOD	Notice of Deficiency
OVA	Organic Vapor Analyzer
ORO	Oil Range Organics
θ_{wg}	Measured moisture content average
θ_{wv}	Soil water-filled porosity
ρ_b	Soil dry bulk density
PCS	Petroleum contaminated soil
PID	Photoionization detector
ρ_l	Density of water
POL	Petroleum, Oil, and Lubricants
PRG	Preliminary Remediation Goal
ρ_s	Measured specific gravity average
PVC	Polyvinyl chloride
QAPP	Quality Assurance Project Plan
QA/QC	Quality Assurance/Quality Control
%R	Percent Recovery
RA	Risk Assessment
RBC	Risk Based Concentration
RCRA	Resource Conservation and Recovery Act
RFI	RCRA Facility Investigation
RI	Remedial Investigation
RPD	Relative Percent Difference
RSL	Regional Screening Level
SOP	Standard Operating Procedure
SSLs	Soil Screening Levels
SVOC	Semi-volatile organic compound
TCEQ	Texas Commission on Environmental Quality
TDS	Total dissolved solids
TPH	Total petroleum hydrocarbons
TVA	Toxic Vapor Analyzer
USACE	United States Army Corps of Engineers
USDA	Unites States Department of Agriculture
USEPA	United States Environmental Protection Agency
VOC	Volatile organic compound
VPH/EPH	Volatile Petroleum Hydrocarbons/Extractable Petroleum Hydrocarbons
WPOL	West POL Yard Fuel Spill Site
WRCC	Western Regional Climate Center

EXECUTIVE SUMMARY

The West Petroleum, Oil, and Lubricants (POL) Yard (Area of Concern [AOC] – 4) is comprised of four 50,000-gallon aboveground storage tanks (ASTs), that are used to store and distribute JP-8 jet fuel. The ASTs are set within a concrete secondary containment structure. The West POL Yard is located near building 871 on the western side of the main base portion of Holloman Air Force Base (HAFB), New Mexico. In August 1999, the West POL Yard facility's leak-detection system indicated that JP-8 was leaking underground south of the ASTs. A subsequent pressure test performed on an 8-inch underground feed line confirmed the presence of a leak beneath the concrete pad of the fueling area.

In October and November 1999, Foster Wheeler Environmental Corporation (FWENC) conducted an investigation at the West POL Yard and 30 soil borings were drilled and subsurface soil samples were collected to delineate the extent of total petroleum hydrocarbons (TPH) in soil and the extent of free-product in groundwater. The recommendation of this 1999 study was to excavate the contaminated soil at the site and remove free-product from groundwater. Subsequent excavation and removal activities were conducted by FWENC from December 2002 through January 2003, and approximately 1,300 cubic yards of soil was removed, stockpiled, and sampled. However, sidewall samples collected along the northern and southeastern edges of the excavation had TPH values exceeding cleanup standards. At this time the excavation was backfilled leaving the known petroleum contaminated soil (PCS) in place for future removal and the site was restored to the original condition.

Additional PCS from the West POL Yard was excavated by Bhate Environmental Associates, Inc. (Bhate) in October 2006 and transported offsite by Rhino Environmental for treatment. Confirmation soil samples collected from the sidewalls of the excavation provide documentation of the removal of the majority of soil containing TPH, Volatile Organic Compounds (VOCs), or Semi-volatile Organic Compounds (SVOCs) in excess of the New Mexico Environment Department (NMED) Residential soil screening levels (SSLs) (NMED, 2009), and TPH Residential Screening Guidelines for kerosene and jet fuel (940 milligrams per kilogram [mg/kg]) (NMED, 2006). Due to the configuration of the ASTs and secondary containment, not all of the PCS is accessible for removal. Therefore, a site specific risk based evaluation for human health residential exposure has been performed for the remaining contamination. PCS excavated from the West POL Yard was transported offsite for treatment and disposal. Soil that was analyzed during the excavation process and determined to be acceptable for backfilling, along with imported clean material, was used to backfill the excavations.

Analytical results from groundwater samples collected at the site by Bhate in April 2007 did not contain VOCs, SVOCs, or TPH above the New Mexico Water Quality Control Commission (NMWQCC) standards 20.6.2.3103 New Mexico Administrative Code [NMAC]), the U. S. Environmental Protection Agency (USEPA) National Primary Drinking Water Regulations Maximum Contaminant Levels (MCLs) (USEPA, 2009a), or

the NMED Residential TPH Concentration in Groundwater, for Kerosene and Jet Fuel (15.7 mg/L) (NMED, 2006). Although the initial objectives were to collect groundwater data in support of a site specific risk assessment, the NMED (in a letter dated March 13, 2009) requested additional soil characterization west of the AST secondary containment area (see letter in Attachment A of this report). NationView, LLC performed the additional soil characterization from August through September 2009.

Based upon the additional sampling, laboratory analytical results, documentation of PCS excavation and disposal provided, and the site specific human health residential risk based evaluation, No Further Action is recommended for the West POL Yard.

This report presents the data collected during the Accelerated Corrective Measures (ACM) investigation, the data collected during the additional soil characterization completed in 2009, and describes the additional excavations and confirmation/stockpile soil sampling activities associated with this ACM project.

1 INTRODUCTION

The U.S. Army Corps of Engineers (USACE), Omaha District, initially retained Bhate Environmental Associates, Inc., (Bhate) to prepare a Accelerated Corrective Measures (ACM) Completion Report for the additional investigation and soil excavation activities at the West Petroleum, Oil, and Lubricants (POL) Yard Fuel Spill Site at Holloman Air Force Base (HAFB), New Mexico. Bhate prepared and submitted the original West POL, ACM Completion Report to the NMED for review in July 2008. In correspondence dated March 13, 2009 (see Attachment A of this report), the NMED requested additional soil characterization before the West POL Yard could be considered for closure. Therefore, Bhate proposed additional soil boring locations which were approved by NMED in correspondence dated May 14, 2009 (see Attachment A of this report). However, due to funding constraints, NationView, LLC was retained to perform the additional soil characterization activities and prepared this document for HAFB under the Service Contract with the USACE, Albuquerque District, Contract W912PP-09-D003, Delivery Order No. 0005.

This report documents previous excavations (conducted by Foster Wheeler from 2002 through 2003), the ACMs performed by Bhate to remove petroleum contaminated soil (PCS) from the West POL Yard Fuel Spill Site and to characterize the extent of impacts to the groundwater (conducted by Bhate from 2004 through 2007), and the recent additional soil investigation/excavation preformed by NationView (in 2009 and 2010). The West POL Yard is listed as Area of Concern (AOC)-4 in Appendix 4-A (Table A) of the HAFB *Hazardous Waste Facility Permit No. NM6572124422* (NMED, 2005).

1.1 Objectives

The objective of the ACM at the West POL Yard Fuel Spill Site was to assess and delineate the potential petroleum contamination of the groundwater underneath the site, and to excavate and dispose of remaining PCS to a point where there is an acceptable risk due to exposure at the site. In addition, the *Groundwater Monitoring Work Plan, West POL Yard, Holloman Air Force Base, New Mexico* (Bhate, 2006) addressed the specifics of the characterization of groundwater at the site. The primary objective of the West POL Groundwater Monitoring Work Plan was to collect sufficient groundwater data to support a site specific risk assessment evaluating soil and groundwater exposure pathways relative to potential vapor impacts. The West POL Groundwater Monitoring Work Plan summarized the following tasks to accomplish this objective:

- Delineate the nature and extent of groundwater petroleum contamination at the West POL Yard site and provide the basis to submit the West POL Yard for no further action (NFA).
- Install one monitoring well upgradient of the possible source area to establish the nature and extent of upgradient contamination, and collect geotechnical data to support a site specific risk assessment.

- Install one monitoring well in the known contamination zone located adjacent to the southwest end of the retaining wall. The intent of this well is to provide information on groundwater contamination in and around the probable source area.
- Install two monitoring wells located downgradient of the probable source area to define the boundaries of the potential contamination plume. The wells will be situated so as to provide the best possible data on the potential plume.

This document describes the excavation and investigation activities of the ACM at the West POL Yard Fuel Spill Site (AOC-4). Also, the report summarizes the previously known subsurface conditions, the extent of PCS, and impacts to groundwater. During this process, required data were collected to support the closure of the site based on guidance from the NMED. In the notice of deficiency (NOD) letter dated March 13, 2009 (included in Attachment A of this report), the NMED requested additional soil characterization west of the aboveground storage tank (AST) secondary containment area. The ultimate objective is to achieve NFA approval for site closure from NMED. The conclusion of the document requests that NMED issue a NFA for the West POL Yard Fuel Spill Site (AOC-4) 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."*

This criterion was accomplished by removing PCS present at the site which had exceeded the NMED Residential soil screening levels (SSLs) (NMED, 2009) and NMED TPH Residential Screening Guidelines for Kerosene and Jet Fuel (NMED, 2006), and performing a site specific risk assessment for residential exposure for inaccessible PCS located beneath the AST footprint.

1.2 Technical Approach

Investigation activities were conducted in accordance with the *Groundwater Monitoring Work Plan, West POL Yard, Holloman Air Force Base, New Mexico* (Bhate, 2006). The excavation activities were conducted in accordance with the *Revised Final Letter Work Plan for Petroleum Contaminated Soil Excavation at SS-17, FT-31 and the West POL Yard* (FWENC, 2003a) which included the work plan, quality assurance project plan, field sampling and analysis plan, and contractor quality control plan; and the *Basewide Quality Assurance Project Plan* (Bhate, 2003).

1.3 Scope of Work

Work conducted under this ACM investigation was conducted in a phased approach. The first phase involved excavating as much additional PCS as possible up to the

southern edge of the AST secondary containment. The second phase involved the installation and sampling of four monitoring wells at the site to support a site specific risk-based evaluation of the site due to the fact that removal of all impacted soil was not possible without the complete removal of the storage tanks. The third phase, conducted by NationView, involved drilling and sampling at 10 additional borehole locations along the western edge of the AST secondary containment, permanent concrete wall, to characterize the nature and extent of potential contamination north and west of the excavation. The fourth phase involved excavation of all the remaining PCS west of the AST secondary containment.

Additional sampling activities at the West POL Yard were designed to support the completion of a site specific risk assessment, which will assist in reaching closure of the site. The following summary of the additional investigations performed under this ACM are detailed in the *Groundwater Monitoring Work Plan, West POL Yard, Holloman Air Force Base, New Mexico* (Bhate, 2006), and in a NOD letter from the NMED dated May 14, 2009 (Attachment A), and included:

- Review existing information about the site;
- Conduct a site and environs reconnaissance;
- Identify potential receptors; and
- Evaluate all information collected.

For this site, additional soil and groundwater sampling was required to meet the project objectives. To meet the ACM objectives, the following activities were performed by Bhate in April 2007 and by NationView from August through October 2009.

- One up-gradient monitoring well (WPOL-MW01), two down-gradient monitoring wells (WPOL-MW02 and WPOL-MW04), and one monitoring well within the known contaminated area (WPOL-MW03) were installed (and are currently active), to define groundwater conditions at the site;

- Two soil samples were collected (WPOL-DP01 and WPOL-DP04), and submitted for geotechnical analysis, to provide background geotechnical data of the site, in support of the site specific risk based assessment;

- A round of groundwater samples were collected from the four new monitoring wells (WPOL-MW01 through WPOL-MW04);

- Drilling and sampling of 10 additional soil borings (WPOL-SB22 through WPOL-SB31) west of the AST secondary containment, to characterize potential soil contamination.

- Analyze all soil and groundwater samples for the following parameters:
    - Volatile Organic Compounds (VOCs) using U.S. Environmental Protection Agency (USEPA) SW846 Method 8260B,

- Semi-volatile Organic Compounds (SVOCs) using USEPA SW846 Method 8270C,
- Total Petroleum Hydrocarbons (TPH) by USEPA SW846 Method 8015, and
- Total Dissolved Solids (TDS) by USEPA SW846 Method 160.1 (groundwater only).

1.4 Document Organization

This Accelerated Corrective Measures Completion Report has been modeled after the format suggested in the Resource Conservation and 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 11 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 – ACM Excavation and Sampling Analytical Results
- Section 9 – Risk Based Evaluation
- Section 10 – Conclusions and Recommendations
- Section 11 – References

The tables and figures referenced throughout this ACM Report are included following the text (after Section 11).

This report also includes the following attachments and appendices:

- Attachment A – NMED Correspondence
- Appendix A – Historical Data from Previous Investigations (Lab data on enclosed CD)
- Appendix B – Soil Boring Logs and Monitoring Well Construction Diagrams
- Appendix C – Field Sampling Documentation
- Appendix D – Analytical Data Packages (ACM 2007 and 2009 Additional Investigation and Excavation Confirmation/Stockpile Soil Sampling) (on enclosed CD)
- Appendix E – Data Validation Reports (ACM 2007 and 2009)
- Appendix F – Waste Manifests (Rhino Environmental Services)
- Appendix G – Truck Logs (NationView)

2 SITE BACKGROUND

2.1 HAFB Site Description

HAFB is located in south central New Mexico, in the northwest central part of Otero County, approximately 75 miles north-north-east of El Paso, Texas (see Figure 2-1 of this report). HAFB has a population of 6,000 and occupies about 50,000 acres in the northeast quarter of Section 1, Township 17 South, 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 form 1972 to 1992 and housed the 49th Tactical Fighter Wing, 479th Tactical Training Wing, 833rd Air Division, and 4449th Mobile Support Squadron. In 1992, Holloman AFB was realigned under the Air Combat Command (ACC) and also serves as the training center for the German Air Force's Tactical Training Center.

2.2 West POL Yard Fuel Spill Site Description

The West POL Yard Fuel Spill Site is listed in Appendix 4-A of the HAFB Hazardous Waste Facility Permit as AOC-4. The site is located on the southwest portion of HAFB on the western portion of the Main Base Area (Figure 2-2). The West POL Yard, located adjacent to Building 871, lies between the former F-117 hangars to the west and the HAFB runways to the east. The site consists of four 50,000-gallon ASTs housed within a concrete secondary containment structure, and aboveground and underground product transmission lines. The facility is used to store and distribute JP-8 jet fuel to tanker trucks (FWENC, 2003b).

In August 1999, the West POL Yard facility's leak-detection system indicated that JP-8 was leaking underground south of the ASTs. A subsequent pressure test performed on an 8-inch underground feed line confirmed the presence of a leak beneath the concrete pad of the fueling area. As a result, the fueling pad was temporarily shut down by draining fuel lines and closing valves.

2.3 Applicable Screening Criteria

Analytical data obtained from previous investigations and the data collected during the ACM excavation and subsequent investigations will be evaluated against the applicable regulatory screening criteria that are specified in Appendix 4-F *Action Levels and Cleanup Levels* of the Holloman AFB Hazardous Waste Permit No. NM6572124422 (NMED, 2004b). The soil and groundwater data evaluation will consist of a direct comparison to the applicable action level screening criteria. The applicable screening criteria are presented in the ACM Report analytical data summary tables for the analytes and media of concern. The following sections present the regulatory criteria that are used to evaluate the analytical data.

2.3.1 Soils

2.3.1.1 VOCs and SVOCs

The residential SSLs established in NMED's *Technical Background Document for Development of Soil Screening Levels Revision 5.0* (NMED, 2009) are used as the primary action levels for VOCs and SVOCs. 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 (e.g., 2-methylnaphthalene), that constituent is compared to the USEPA Region 6 *Human Health Medium Specific Screening Level* (HHMSSL). However, under an Interagency Agreement as an update of the USEPA Region 3 Risk Based Concentration (RBC) Table, the Region 6 HHMSSL Table and the Region 9 Preliminary Remediation Goal (PRG) Table have been combined into the Regional Screening Level (RSL) Table (USEPA, 2009b).

2.3.1.2 Total Petroleum Hydrocarbons

The action levels for TPH are established in the *New Mexico Environment Department TPH Screening Guidelines* (NMED, 2006). Since jet fuel is the known type of petroleum contamination present, the TPH screening guideline (residential direct exposure), for Kerosene and Jet Fuel (940 milligrams per kilogram [mg/kg]) (Table 2b, NMED, 2006) is used as the action level for total TPH concentrations (combined gasoline range organics [GRO], diesel range organics [DRO], and oil range organics [ORO]).

2.3.2 Groundwater

2.3.2.1 VOCs and SVOCs

There are two applicable standards for groundwater: 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 Priority Drinking Water Regulations* (USEPA, 2009a) Maximum Contaminant Levels (MCLs). The lower of the two standards is used as action levels for VOCs and SVOCs in groundwater.

2.3.2.2 Total Petroleum Hydrocarbons

The action levels for TPH are established in the *New Mexico Environment Department TPH Screening Guidelines* (NMED, 2006). The NMED TPH screening guideline for Kerosene and Jet Fuel (15.7 milligrams per liter [mg/L]) is the action level for comparison to total TPH concentrations (GRO, DRO, and ORO) detected in groundwater (Table 2b, NMED, 2006).

2.3.2.3 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, 2009a). The lower of the two standards is used as the action levels for TDS.

2.4 Historical Data Review

This section presents an overview of the previous investigations and excavation conducted at the West POL Yard prior to this ACM. The chronology and findings of the previous investigations, excavation, and confirmation sampling are presented below. The information presented in Sections 2.4.1 (August 1999 Test Pit Investigation), 2.4.2 (November 1999 Subsurface Soil Investigation), and 2.4.3 (January 2003 Excavation), was obtained from the *Closure Report for the Excavations at FT-31- South Area and the West POL Yard, Holloman Air Force Base, New Mexico* (FWENC, 2003b).

2.4.1 August 1999 Test Pit Investigation

Upon shutting down the fueling pad in August 1999, two test pits were excavated by Base Environmental Management personnel to a depth of approximately 10 feet below ground surface (ft bgs). Five soil samples were collected from inside the test pits and analyzed for TPH. Soil sample TPH results for the two test pits ranged from 250 mg/kg to 11,440 mg/kg. Free product was observed on the groundwater surface inside the excavation on the east side of the concrete driveway.

2.4.2 November 1999 Subsurface Soil Investigation

In October and November 1999, FWENC conducted an investigation at the West POL Yard and 30 soil borings were drilled and subsurface soil samples were collected to delineate the extent of TPH in soil and the extent of free product in groundwater. During sampling in October, older residual contamination was discovered as dark gray stained soil. Analysis of the stained soil indicated that the petroleum was JP-4 and that the contamination was older than previously reported. Additional drilling and sampling took place at the site to delineate the extent of all TPH contamination (FWENC, 2000). The recommendation of the 1999 study was to excavate the contaminated soil at the site and remove free product from groundwater.

2.4.3 2002 - 2003 Excavation

Excavation and removal activities were conducted by FWENC from December 2002 through January 2003. The original scope required the excavation of approximately 500 cubic yards (CY) of soil for offsite disposal, but additional excavation was required because unexpected contamination was discovered in the area of the concrete driveway. Initially, a 20-foot (ft) by 40-ft portion of the concrete driveway was removed to allow for excavation of known PCS discovered during the 1999 investigation. An additional portion of the concrete driveway (1,094 square feet) was removed during field activities to allow excavation to continue-on in the western portion of the jet fuel spill site. This increased the total amount of concrete removed during this task to 1,894 square feet.

Approximately 1,300 CY of soil was removed, stockpiled, and sampled. The boundary of the entire excavation conducted in 2003 is shown on Figure 2-3. It was determined through laboratory analysis that approximately 1,200 CY (1,430 tons) of soil contained TPH at concentrations greater than the NMED, Residential Direct Exposure, TPH Screening Guideline for Kerosene and Jet Fuel (940 mg/kg) (Table 2-b, NMED, 2006) and would need to be disposed as New Mexico Special Waste by Rhino Environmental. These disposal activities were completed by Bhate at a later date, and are discussed in Section 8.4 of this ACM report.

2.4.3.1 Soil Stockpile Sampling Results

Eight samples were collected in December 2002 from stockpiled soil suspected of containing PCS. The stockpile samples (WPOL-SS01 through WPOL-SS08) were collected at a frequency of approximately 1 sample for every 100 cubic yards of stockpiled soil. All the soil stockpile samples collected were analyzed for TPH (GRO, DRO, ORO) [Method 8015]), VOCs (Method 8260B), and SVOCs (Method 8270C).

Low concentrations of 11 VOCs and SVOCs were detected in the eight stockpile samples collected. None of these detected VOCs or SVOCs exceeded their respective NMED Residential SSLs (NMED, 2009). TPH-GRO results ranged from 213 mg/kg (SS08) to 2,030 mg/kg (SS02), and TPH-DRO results ranged from 127 mg/kg (SS08) to

2,240 mg/kg (SS03). TPH-ORO was not detected in any of the stockpile samples. Furthermore, with the exception of stockpile sample WPOL-SS08, combined TPH-GRO, DRO, and ORO concentrations exceeded the NMED Residential TPH screening guidelines (NMED, 2006) for kerosene and jet fuel (940 mg/kg), in each of the stockpile samples collected. A summary table of the analytical data for the stockpile soil samples collected by Foster Wheeler in 2002 is presented in Appendix A-1 (Table C-3). At the request of the NMED (in the May 14, 2009, NOD letter) this table was revised by NationView to include the date the samples were collected, definitions of all abbreviations and quality flags, the current Residential SSLs, the analytical test methods used, and definition of bold values. The original Foster Wheeler table is also included in Appendix A-1. The original laboratory data package for sample WPOLSS08 is provided on the enclosed CD.

Due to the results of the stockpile samples only 100 CY of soil that was removed from the excavation was returned as backfill. The remainder was stockpiled for future disposal as New Mexico Special Waste by Rhino Environmental.

2.4.3.2 Excavation Confirmation Sampling Results

Confirmation soil samples were collected in December 2002 from each of the sidewalls of the open excavation (Figure 2-3). No samples were collected from the bottom of the excavation because the excavation extended below the water table. A total of 25 confirmation samples (WPOL-EX01 through WPOL-EX-19), including duplicates, were collected from the sidewalls along the perimeter of the excavation. As outlined in the *Closure Report for the Excavations at FT-31 - South Area and the West POL Yard* (FWENC, 2003b), all excavation confirmation samples were analyzed by an offsite laboratory for the following:

- TPH as GRO, DRO, ORO – USEPA Method Modified 8015
- VOCs – USEPA Method 8260B
- SVOCs – USEPA Method 8270C

Ten VOCs and two SVOCs were detected above method detection limits (MDL) in the 25 confirmation sidewall samples collected. The VOCs 1,2,4-trimethylbenzene and naphthalene were detected above their current NMED Residential SSLs (NMED, 2009). The VOC 1,2,4-trimethylbenzene was detected in sidewall samples WPOLEX01 (77,100 micrograms per kilogram [µg/kg]) and WPOLEX19 (103,000 µg/kg), above the NMED Residential SSL of 62,000 µg/kg. Naphthalene was detected in sidewall samples WPOLEX18 (46,500 µg/kg) and WPOLEX19 (45,100 µg/kg), above the NMED Residential SSL of 45,000 µg/kg. All other VOCs and SVOCs were detected below their respective NMED Residential SSLs (NMED, 2009).

TPH was analyzed for GRO (C_6 – C_{10}), DRO (C_{10} – C_{22}), and ORO (>C_{22} – C_{32}) fractions. The detected TPH-GRO concentrations ranged from 41 mg/kg (EX14) to 13,900 mg/kg (EX19) and detected TPH-DRO concentrations ranged from 36 mg/kg (EX09B) to 35,000 mg/kg (EX19). The TPH-ORO fraction was not detected in any of the excavation confirmation soil samples.

The combined TPH-GRO and DRO (ORO was not detected) concentrations for sidewall samples EX01 (4,525 mg/kg), EX02 (8,140 mg/kg), EX03 (1,840 mg/kg), EX07 (4,786 mg/kg), EX11 (2,692 mg/kg), EX12 (2,590 mg/kg), EX18 (31,390 mg/kg), and EX19 (48,900 mg/kg) were detected above the current NMED Residential Direct Exposure TPH Screening Guideline for Kerosene and Jet Fuel (940 mg/kg) (NMED, 2006). These eight samples were collected along the north and northeast wall of the excavation immediately adjacent to the south/southwest side of the concrete containment wall (Figure 2-3). Sidewall samples EX04, EX05, EX06, EX08, EX09A, EX09B, EX11A, EX12A, EX13 through EX17, and EX18A collected around the rest of the perimeter of the excavation had TPH concentrations below the NMED Residential TPH screening guideline for Kerosene and Jet Fuel (940 mg/kg) (NMED, 2006).

A summary table of the analytical data for the excavation confirmation samples collected by Foster Wheeler in 2002 is presented in Appendix A-1 (Table C-4). At the request of the NMED (in the May 14, 2009, NOD letter) this table was revised by NationView to include the date the samples were collected, definitions of all abbreviations and quality flags, the current Residential SSLs, the analytical test methods used, and definition of bold values. The original Foster Wheeler table is also included in Appendix A-1. The original laboratory data packages are provided on the enclosed CD. Additionally, the excavation sample locations with selected analytical results are displayed on Figure 2-4.

2.4.3.3 Site Restoration

The following information comes from the *Closure Report for the Excavations at FT-31 – South Area and the West POL Yard, Holloman Air Force Base, New Mexico* (FWENC, 2003b). Clean fill, consisting of rock and soil, was imported as backfill for the revised limits of excavation prior to replacement of the removed reinforced concrete driveway area. The excavation was backfilled, leaving remaining contaminated soil in place and the remaining areas of suspected contaminated soil were surveyed (using a global position system unit) in order to facilitate future removal and disposal by Bhate (see Section 8 of this ACM report). Approximately 100 CY of clean soil taken from the excavation was used to backfill the portion of the site outside of the limits of the concrete driveway. The final site restoration activity at the West POL Yard consisted of replacing landscaping rock where required and replacing a 1,894 square ft section of the concrete driveway. In addition, the fence and light pole that were removed from within the excavation area were reinstalled.

2.4.4 October 2005 Soil Boring Event

In October 2005, Bhate conducted a soil sampling event to characterize the extent of potential PCS beneath the southern half of the secondary containment structure. During this sampling event, 21 shallow boreholes (SB-01 through SB-21) were installed through the concrete floor of the secondary containment area (Figure 2-3). The boreholes were located adjacent to the two southern aboveground storage tanks and the southern containment wall, and were completed with a hand auger, since access

was not available for a drill rig. Soils were screened with a Foxboro Toxic Vapor Analyzer (TVA) 1000 Organic Vapor Analyzer (OVA), using soil-headspace screening techniques to aid in the selection of sample intervals. At each borehole, soil samples were collected for chemical analysis at 2 to 3 discrete intervals at depths ranging from 4 inches to 104 inches bgs. All soil samples collected in 2005 were analyzed by an offsite laboratory for TPH (GRO, DRO, and ORO [Method 8015]), VOCs (Method 8260B), and SVOCs (Method 8270C).

Low concentrations of 15 VOCs and 5 SVOCs were detected above the MDL, in the 71 soil samples collected at the West POL Yard. None of the detected VOC or SVOC analytes were detected above their current respective NMED Residential SSLs (NMED, 2009). TPH was analyzed for GRO (C_6 – C_{10}), DRO (C_{10} – C_{22}), and ORO (>C_{22} – C_{36}). Concentrations of TPH-GRO and TPH-DRO were detected in several of the samples collected. TPH-GRO ranged from 3.61 J mg/kg to 319 mg/kg and TPH-DRO ranged from 7.50 J to 528 mg/kg. TPH-ORO was detected in only five samples with the maximum concentration (15.6 mg/kg) detected in the duplicate sample collected at 4 to 11 inches in borehole WPOL-SB17. Furthermore, the maximum combined TPH-GRO and DRO (ORO was not detected) concentration was 847 mg/kg (319 mg/kg GRO and 528 mg/kg DRO combined) detected in the sample collected from 52 to 56 inches bgs at location WPOL-SB07. However, this combined TPH concentration is below the NMED Residential TPH screening guidelines for kerosene and jet fuel (940 mg/kg) (NMED, 2006). A summary table of the analytical data for the soil samples collected in 2005 is presented in Appendix A-2 of this ACM report and the laboratory data packages are on the enclosed CD.

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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, Holloman Air Force Base, NM* (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 feet 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 Andes 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 feet 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 that 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 in Figure 3-1 of this report.

3.2 Surface Water and Hydrology

Within the boundaries of the Base, surface water runoff is controlled by several arroyos that trend to the southwest (see Figure 3-2 of this report). The nearest inflow of surface waters to the Base comes from the Lost River, located in the north-central region of the Base. HAFB is dissected by several other southwest trending arroyos that 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. 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.

Ancient lakes and streams deposited water bearing deposits over the older bedrock basement material. Fractures, cracks, and fissures in the Permian and Pennsylvanian bedrock yield small quantities of relatively good quality water in the deeper peripheral. Potable water is only found from a handful of wells near the edges of the basin with more saline water towards the center. Two of the principal sources of potable water are a long narrow north-south trending area east of Tularosa and Alamogordo and in the far southwestern part of the basin. Alamogordo's water, as well as the Base's, is supplied 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 Providence 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 that 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 rang 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 in Figure 3-3 of this report.

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 feet near Hurtz Spring. Bolson fill deposits are 8,000 feet 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 Environmental Restoration Program (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 of this report.

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 (cm/sec). The distribution of soils in the vicinity of HAFB is depicted on Figure 3-5 of this report (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 that 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 that 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 that 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 that is more soluble than gypsum. Permeability is very slow, and available water capacity is low.

3.5 West POL Site Geology

The West POL Yard site geology is based upon observations made during excavation activities at the site and the four shallow soil borings completed during this ACM investigation in April 2007. The West POL Yard's geology is similar to the soils found around the majority of HAFB, and are typical of the alluvial, eolian, and playa deposits of the Tularosa Basin. Soils underlying the West POL Yard are primarily silts and silty sands intermixed with some clay. The uppermost soils are very fine grained silty sands that extend down 3 to 4 feet to the capillary fringe. Below this unit are saturated silts with some clay lenses intermixed. At depths of approximately 12 ft bgs, dense caliche deposits were encountered across the site. The soil boring logs and well construction diagrams for this investigation are included in Appendix B.

3.6 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 feet 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 of this report 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/Solid Waste Management Units located across HAFB, have groundwater monitoring wells containing water with an average TDS concentration greater than 10,000 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 Holloman AFB 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).

3.7 West POL Site Hydrogeology

The four groundwater monitoring wells at the West POL Yard are screened between 0.8 and 12.2 feet bgs. The well completion details are included in the monitoring well construction diagrams found in Appendix B. Groundwater occurs in a shallow unconfined aquifer at depths observed in July 2007 ranging from 5.79 to 6.70 feet below the top of polyvinyl chloride (PVC) casing, and groundwater elevations ranged from 4,052.59 to 4,052.77 ft amsl across the site. The depth to groundwater elevations across the site indicate that groundwater flows to the south-southwest (Figure 3-8) and the hydraulic gradient is approximately 6.9×10^{-4}. Tables 3-2 and 3-3 present the groundwater elevation data and monitoring well construction details respectively.

3.8 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 – 40% of the annual total rainfall.

3.9 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. The West POL Yard is located within the main base area and is currently limited to light industrial use. No transfer of military property to the public is anticipated, and public access to the Base is restricted.

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 Holloman AFB. 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 at the West POL Yard is not expected to differ significantly from current land use practices, however, residential development at or near the site could potentially occur.

3.10 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 Andres, and

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

Douglas well fields at the base of the Sacramento Mountains. No water supply wells are located on or near the Base because of poor groundwater quality (TDS greater than 10,000 mg/L). Within the boundaries of the West POL Yard, storm water run-off is controlled by the minimal topographic relief as per the existing grade and landscaping. Appurtenances can be found along the perimeter of the site for collection into the Base storm water drainage system.

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4 SOURCE CHARACTERIZATION

Based on the previous investigations and remedial (PCS removal) actions described in Section 2.4 of this report, soil and groundwater analytical data have been collected at the West POL Yard since 1999. Source area characterization for the West POL Fuel Leak has been described in the following historical documents:

- Foster Wheeler Environmental Corporation. August 2000. *Onsite Investigation Report for Petroleum-Contaminated Soil at the West POL Yard, Holloman Air Force Base, New Mexico.*

- Foster Wheeler Environmental Corporation. June 2003b. *Closure Report for the Excavations at FT-31- South Area and the West POL Yard, Holloman Air Force Base, New Mexico.*

The purpose of additional ACM source area characterization was to collect soil and groundwater data to fill data gaps in support of a site specific risk assessment and to remove additional PCS through excavation. The results of the additional subsurface soil and groundwater characterization for the West POL Yard are presented in Section 7 (Nature and Extent of Contamination) of this report. In order to determine the effectiveness of the ACM source removal, confirmation samples were collected from the sidewalls of the excavation. The results of the confirmation sampling events are presented in Section 8 (ACM Excavation and Sampling Analytical Results) of this report.

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5 FIELD ACTIVITIES

This section presents a summary of the West POL ACM investigation field activities performed by Bhate in April 2007 and by NationView from August through October 2009.

5.1 2007 ACM Investigation

The objectives of the additional soil and groundwater investigation at the West POL Yard were to collect geotechnical soil data and evaluate the groundwater conditions at the site to support a site specific risk assessment. To meet these objectives, the following field activities at the site were preformed during the ACM investigation in April 2007:

- Four shallow soil borings (WPOL-DP01 through WPOL-DP04) were drilled and sampled to support the site specific risk based evaluation.
- The four soil borings were converted to monitoring wells (WPOL-MW01 through WPOL-MW04), and groundwater samples were collected from each well and analyzed for VOCs, SVOCs, TPH (GRO, DRO, and ORO), and TDS.
- Two geotechnical soil samples were collected from soil borings WPOL-DP01 and WPOL-DP04 to provide geotechnical data of non-impacted soils at the 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 conducted at the West POL Yard were performed in accordance with HAFB Standard Operating Procedures (SOPs), provided in the *Basewide Quality Assurance Project Plan* (Bhate, 2003), outlined in the *Groundwater Monitoring Work Plan, West POL Yard, Holloman Air Force Base, New Mexico* (Bhate, 2006).

5.1.1 2007 Subsurface Soil Sampling

In April 2007, four shallow soil borings (WPOL-DP01 through WPOL-DP04) were advanced at the West POL Yard (Figure 5-1) in accordance with HAFB SOPs provided in the *Basewide Quality Assurance Project Plan* (Bhate, 2003). The soil borings were advanced using an AMS® Incorporated, truck mounted 9600 direct push technology (DPT) drill rig, and a five foot Geoprobe® Dual Tube sampling system. These soil borings were sampled continuously to depths of approximately 12 ft bgs. In order to evaluate the groundwater conditions underneath the site, each of the borings was converted into a groundwater monitoring well.

Soils were visually classified in the field by a geologist according to the Unified Soil Classification System. Soils were screened with a Foxboro TVA 1000 OVA. Although no soil samples were collected for chemical analysis from the 2007 soil borings, two soil

samples were collected for geotechnical analysis in soil borings WPOL-DP01 and WPOL-DP04. These two undisturbed samples were collected from 3 to 5 ft bgs, just above the water table in soil representative of the site. The samples were collected in a thin-walled soil sampler and analyzed by Accutest Laboratories (Accutest) in Orlando, Florida, for geotechnical properties (dry bulk density, specific gravity, moisture content, and fractional organic carbon content). The Soil Boring Logs and Monitoring Well Construction Diagrams for the April 2007 ACM field effort at the West POL Yard can be found in Appendix B-1 of this report.

5.1.2 2007 Groundwater Sampling

In April 2007, groundwater samples were collected from the four new monitoring wells (WPOL-MW01 through WPOL-MW04) installed at the West POL Yard (Figure 5-1). 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 (2-meter) water quality analyzer was used to collect water quality parameters. The monitoring wells were sampled using a peristaltic pump (pumping at an average rate of less that 1 liter per minute) and disposable polyethylene tubing. Prior to sampling, water levels were collected and the monitoring wells were purged, in accordance with Bhate SOP No. 10 (*Subsurface Water Investigation*), Section 4, Monitoring Well Sampling. The West POL Yard Monitoring Well Development Forms and Sample Collection Logs can be found in Appendix C of this report.

5.2 2009 Additional ACM Soil Investigation

The additional ACM soil investigation at the West POL Yard was conducted by NationView from August through October 2009. The NMED, in the NOD letter dated March 13, 2009, requested additional soil characterization west of the AST secondary containment. Therefore, the primary objective of this additional ACM soil investigation was to define the nature and extent of potential PCS contamination west of the AST secondary containment stucture.

In order to address the deficiencies noted by NMED, the following field activities were performed by NationView in August through October 2009:

- Ten shallow soil borings (WPOL-SB22 through WPOL-SB31) were drilled to a maximum depth of 10 ft bgs, to define the vertical and horizontal extent of PCS in soil west of the AST secondary containment structure (Figure 5-2).
- Two soil samples from each borehole were collected and analyzed at an offsite laboratory for VOCs, SVOCs, and TPH (GRO, DRO, and ORO).

Soil borings WPOL-SB22 through WPOL-SB26 were advanced using a truck mounted Geoprobe® 6600 Series DPT drill rig, and a five foot Geoprobe® Dual Tube sampling system. Soil borings WPOL-SB27 through WPOL-SB31 were advanced using hand auger sampling methods due to a lack of drill rig accessibility. All 10 soil borings were continuously sampled to depths ranging from 9 to 10 feet bgs. Two soil samples for chemical analysis were collected from each borehole.

These soil samples were collected from approximately 5-6 ft bgs based on elevated photoionization detector (PID) readings or visual discoloration indicative of PCS, and from just below the contaminated zone to verify the vertical extent of contamination (9 to 10 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 Accutest in Orlando, Florida. The soil boring logs for the 2009 ACM field effort are included in Appendix B-2.

5.3 Surveying

Sample locations were surveyed in accordance with methods described in the *Basewide Quality Assurance Project Plan* (QAPP) (Bhate, 2003). The locations, referenced with horizontal coordinates, and top of casing elevations were obtained for each monitoring well. All elevations are referenced to the North American Datum (NAD) 1983. All horizontal coordinates are referenced to the State Plane Coordinate System, New Mexico Central. Elevations and coordinates are surveyed to the closest 0.001 foot. Table 3-2 summarizes the survey data (included in Appendix C of this report) and the depth to groundwater measurements collected and groundwater elevations in April 2007.

5.4 Equipment Decontamination

All reusable equipment associated with soil sampling 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

This section presents the data validation summaries for the West POL Yard ACM groundwater investigation performed by Bhate (April 2007) and the additional ACM soil investigation conducted by NationView (August through October 2009).

6.1 2007 ACM Groundwater Investigation

The analysis of groundwater samples collected during this investigation followed the proposed methodologies presented in the *Groundwater Monitoring Work Plan, West POL Yard, Holloman Air Force Base, New Mexico* (Bhate, 2006). All analytical procedures followed the USEPA SW-846 protocol with the groundwater samples being analyzed for the following:

- VOCs by USEPA SW846 Method 8260B
- SVOCs by USEPA SW846 Method 8270C
- TPH – GRO, TPH - DRO, and TPH – ORO by USEPA SW846 Method 8015
- TDS by USEPA SW846 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, and matrix spike duplicates were collected to document field and laboratory QA/QC. The analytical data is provided in Appendix D-1 of this report. The Data Validation Reports are provided in Appendix E-1. Accutest in Orlando Florida 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-1) with the following section providing a synopsis of each analyte group.

6.1.1 Volatile Organic Compounds

No QC deficiencies were qualified for volatile organic analysis.

6.1.2 Semi-Volatile Organic Compounds

No QC deficiencies were qualified for semi-volatile organic analysis.

6.1.3 Total Petroleum Hydrocarbons

No QC deficiencies were qualified for total petroleum hydrocarbon analysis.

6.1.4 Total Dissolved Solids

No QC deficiencies were qualified for total dissolved solids analysis.

6.2 2009 Additional ACM Soil Investigation

The analysis of soil samples collected during the 2009 ACM soil investigation followed the proposed methodologies presented in the *Groundwater Monitoring Work Plan, West POL Yard, Holloman Air Force Base, New Mexico* (Bhate, 2006). All analytical procedures followed the USEPA SW-846 protocol with the soil samples being analyzed for the following:

- VOCs by USEPA SW846 Method 8260B
- SVOCs by USEPA SW846 Method 8270C
- TPH – GRO, DRO, and ORO by USEPA SW846 Method 8015

All of the laboratory data generated as part of the ACMs conducted at the West POL Yard was validated by the project chemist. Field QA/QC samples, including trip blanks, equipment blank, matrix spikes, and matrix spike duplicates were collected to document field and laboratory QA/QC. Analytical data is provided in Appendix D-2 of this report. Data Validation Reports are provided in Appendix E-2 of this report. Accutest in Orlando, Florida 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-2) with the following sections providing a synopsis of each analyte group.

6.2.1 Volatile Organic Compounds

Due to method blank and/or trip blank contamination, methylene chloride was qualified as estimated, “J”, in the following samples that yielded a positive result: WPOL-SB22-6, WPOL-SB22-10, WPOL-SB24-8, WPOL-SB24-8-A, WPOL-SB24-10, WPOL-SB25-5, WPOL-SB25-10, WPOL-SB26-10, WPOL-SB27-6, WPOL-SB27-9, WPOL-SB28-3, WPOL-SB28-9, WPOL-SB31-6’, and WPOL-SB31A-6’. 2-Hexanone was qualified as estimated, “J”, in sample WPOL-SB25-5 also due to method blank contamination.

The LCS percent recovery (%R) for hexane was above QC limits and warranted qualification in samples WPOL-SB25-10, WPOL-SB27-6, and WPOL-SB27-9. Carbon

disulfide necessitated qualification in samples WPOL-SB27-6 and WPOL-SB27-9 because its recovery was also above QC limits; therefore these compounds were qualified as estimated, "J".

The relative percent difference (RPD) between the field duplicate samples WPOL-SB31-6' and WPOL-SB31A-6' was outside defined limits for sec-butylbenzene, n-butylbenzene, isopropylbenzene, methylene chloride, naphthalene, and n-propylbenzene. These compounds were qualified as estimated, "J", in both samples.

6.2.2 Semi-volatile Organic Compounds

No QC deficiencies warranted qualification of the SVOC data.

6.2.3 Total Petroleum Hydrocarbons

Due to matrix interference, the TPH-GRO surrogate recovery for 4-bromofluorobenzene was above QC limits for samples WPOL-SB27-6, WPOL-SB28-3, and WPOL-SB28-9. Therefore, TPH-GRO was qualified as estimated, "J", in these samples.

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7 NATURE AND EXTENT OF CONTAMINATION

This section presents the soil geotechnical and groundwater analytical results from the field activities completed at the West POL Yard by Bhate in April 2007 and the soil analytical results from the field effort performed by NationView from August through October 2009. This section also presents the current nature and extent of contamination found in the groundwater and soil during this investigation. The 2007 groundwater sampling locations are shown on Figure 5-1, and the 2009 soil sampling locations are shown on Figure 5-2.

The objectives of the soil geotechnical and groundwater sampling conducted during the ACM at the West POL Yard were to: 1) determine if any groundwater contamination exists at the site; 2) delineate the current horizontal extent of the potential groundwater contamination; and 3) collect the proper data meeting the data quality objectives to support closure of the site. The primary objective of this data collection effort was to facilitate a site specific risk-based evaluation at the site and to collect the proper data meeting the data quality objectives (DQOs) ultimately in support of the closure of the site based on guidance from the NMED. Furthermore, in the NOD letter dated March 13, 2009 (Attachment A), the NMED requested additional soil characterization west of the AST secondary containment. Soil geotechnical, groundwater analytical results, and soil analytical results collected during the additional investigation during this ACM are summarized in Tables 7-1, 7-2, and 7-3, respectively. A duplicate groundwater sample was collected from well number WPOL-MW04, and duplicate soil samples were collected from soil borings WPOL-SB23, -SB24, and -SB31.

7.1 2007 Geotechnical Soil Analytical Results

The two subsurface soil samples collected from WPOL-DP01 and WPOL-DP04 were analyzed for geotechnical properties (dry bulk density, specific gravity, moisture content, and fractional organic carbon content). No subsurface soil samples were submitted for chemical analysis during the geotechnical soil sampling. Table 7-1 summarizes the geotechnical lab results.

7.2 2007 Groundwater Analytical Results

The groundwater analytical results were evaluated against the current NMED Residential TPH screening guideline for Kerosene and Jet Fuel, Concentration in Groundwater (15.7 mg/L) (NMED, 2006), the NMWQCC groundwater standards (NMAC 20.6.2.3103), and the USEPA National Primary Drinking Water Regulations MCLs (USEPA, 2009a). The five groundwater samples (including one duplicate) collected from WPOL-MW01 through WPOL-MW04 were analyzed for VOCs, SVOCs, TPH (GRO, DRO, and ORO), and TDS. The analytical results are presented in Table 7-2 and the monitoring well locations with selected results are shown on Figure 7-1.

Low concentrations of eight VOCs were detected in two of the monitoring wells (WPOL-

MW03 and WPOL-MW04) that were sampled in April 2007. The maximum concentrations of acetone (28.7 micrograms per liter [µg/L]), n-butylbenzene (1.6 µg/L), sec-butylbenzene (9.1 µg/L), isopropylbenzene (2.3 µg/L), and methyl ethyl ketone (9.0 µg/L) do not exceed any applicable NMWQCC groundwater standards or USEPA MCLs. In addition, low estimated concentrations of 3 other VOCs (tert-butylbenzene, naphthalene, and n-propylbenzene) were detected below the reporting limit and were qualified with a "J". All other VOCs were not detected above their method detection limits.

One estimated concentration of dibenzofuran (1.1 J µg/L) was the only SVOC detected in the duplicate groundwater sample collected from WPOL-MW03. This estimated concentration was below the reporting limit and therefore was qualified with a "J". Dibenzofuran was not detected in any other wells and all other SVOCs were not detected in any of the wells.

The TPH fraction for DRO (C_{10} – C_{22}) was detected in the groundwater samples collected at WPOL-MW03 (1.0 mg/L) and WPOL-MW03-a (0.988 mg/L). ORO (>C_{22} – C_{36}) was detected in all of the four wells and the duplicate sample with a maximum concentration of 0.634 mg/L (WPOL-MW03-a). The other TPH fraction (GRO [C_6 – C_{10}]) was not detected in the groundwater samples collected during the ACM groundwater investigation at the West POL Yard. The maximum combined TPH-DRO and ORO (GRO was not detected) concentration (1.62 mg/L) of the four groundwater samples collected is below the NMED Residential TPH screening guidelines for kerosene and jet fuel Concentration in Groundwater (15.7 mg/L) (Table 2b, NMED, 2006).

TDS concentrations ranged from 2,680 mg/L (WPOL-MW03) to 6,480 mg/L (WPOL-MW01) and exceeded the NMWQCC Human Health Standard (1,000 mg/L) (20.6.2.3103 NMAC) for a domestic water supply in each of the four wells sampled. Furthermore, the upgradient well (WPOL-MW01) which represents background for the site, had the highest concentration of 6,480 mg/L.

7.3 2009 ACM Soil Analytical Results

The 2009 soil analytical results were evaluated against the current NMED Residential SSLs (NMED, 2009) and the current TPH Screening Guidelines, Residential Exposure, for Kerosene and Jet Fuel (940 µg/kg) (NMED, 2006). If a detected contaminant did not have an established NMED Residential SSL, then the USEPA RSL (USEPA, 2009b) was used as an alternative comparison. The 24 soil samples (including four duplicates) collected from WPOL-SB22 through WPOL-SB31 were analyzed for VOCs, SVOCs, and TPH (GRO, DRO, and ORO). The 2009 soil analytical results are presented in Table 7-3, and soil sample locations with selected analytical results are shown on Figure 7-2. The complete analytical data packages are included in Appendix D-2 of this report.

Low concentrations of 14 VOCs and one SVOC were detected above the MDL. Maximum concentrations of these 15 compounds were all well below their applicable NMED Residential SSLs (NMED, 2009) and/or USEPA RSLs (USEPA, 2009b).

TPH was analyzed for GRO (C_6 – C_{10}), DRO (C_{10} – C_{22}), and ORO (>C_{22} – C_{36}). TPH-GRO detections ranged from 12.7 mg/kg to 1,440 mg/kg (WPOL-SB22-6) and TPH-DRO ranged from 15.7 mg/kg to 1,430 mg/kg (WPOL-SB22-6). TPH-ORO was detected above the MDL in only three of the subsurface soil samples collected at the West POL Yard with a maximum concentration of 13.3 mg/kg (WPOL-SB30-6). The combined TPH-GRO and DRO concentrations (TPH-ORO was not detected) for samples WPOL-SB22 (2,870 mg/kg) and WPOL-SB31 (1,225 mg/kg) were above the NMED TPH screening guideline, Residential Direct Exposure for Kerosene and Jet fuel (940 mg/kg) (NMED, 2006). All other soil samples had combined TPH-GRO, -DRO, and -ORO concentrations below this NMED TPH screening guideline. As a result, additional PCS was excavated in the vicinity of WPOL-SB22 and –SB31 west of the AST secondary containment in March 2010. Please refer to Section 8 (ACM Excavation and Sampling Analytical Results) of this Completion Report for further details regarding this excavation.

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8 ACM EXCAVATION AND SAMPLING ANALYTICAL RESULTS

This section describes the PCS excavation activities that were conducted at the West POL Yard (AOC-4) by Bhate in October 2006 and NationView in March 2010. The initial excavation was conducted by FWENC, in December 2002 through January 2003 and was discussed in Section 2.4.3 of this report. Removal Actions associated with the ACM conducted at the West POL Yard resumed in October 2006, and included two small excavations adjacent to the original conducted by FWENC. Soil boring samples collected in 2009 confirmed the presence of additional PCS north of the 2006 excavation area and west of the AST secondary containment. Therefore, additional removal activities were initiated by NationView in March 2010. This section also presents the confirmation soil sampling conducted along the sidewalls of these three additional excavations along with the results of the stockpile sampling conducted during the 2006 Removal Action by Bhate and the 2010 Removal Action performed by NationView.

To determine the effectiveness of the ACM Removal Action, confirmation soil samples were collected from the sidewalls of the excavation at a frequency of 2 samples per 18 linear feet of sidewall. One soil sample was collected from the stockpiled soil to determine the appropriate classification of the visually clean stockpiled soil. These soil samples were submitted to Severn Trent Laboratories in Denver, Colorado in 2006 and to Accutest in Orlando, Florida in 2010 for off-site laboratory analysis.

Summary tables presenting the results of the 2006 and 2010 confirmation and stockpile sampling are presented in Tables 8-1 and 8-2 respectively. Excavation confirmation sampling locations (2006 and 2010) are shown on Figure 8-1. Excavation confirmation samples and stockpile samples were analyzed by the off-site laboratories for the following:

- VOCs by USEPA SW846 Method 8260B
- SVOCs by USEPA SW846 Method 8270C
- TPH-DRO, -GRO, and -ORO by USEPA SW846 Method 8015

The results of the laboratory VOC and SVOC analyses were reviewed and compared to the current NMED Residential SSLs (NMED, 2009). TPH concentrations were compared to the current NMED TPH Screening Guidelines, Residential Direct Exposure for kerosene and jet fuel (940 mg/kg) (NMED, 2006). Furthermore, if an NMED Residential SSL was not established for a detected contaminant, the USEPA RSLs (USEPA, 2009b) were utilized for comparisons. A summary of the 2006 and 2010 excavation, confirmation, and stockpile soil sampling activities at the West POL Yard is presented in Sections 8.1 and 8.2 respectively. Section 8.3 describes the site restoration activities and Section 8.4 describes the transportation and disposal of impacted/contaminated soil.

The additional excavation boundaries at the site are depicted on Figure 8-1. This figure also presents the locations of the confirmation soil samples that were collected at each of the excavations. The complete laboratory analytical results for the confirmation and stockpile soil sampling are included in Appendix D-1 (2006) and D-3 (2010) of this report. Summary tables presenting the confirmation and stockpile soil data are presented in Tables 8-1 and 8-2, with selected confirmation sample results displayed on Figures 8-2 and 8-3.

8.1 West POL Yard 2006 ACM Excavation

Bhate began removing additional soil from the West POL Yard in October 2006, and completed the confirmation sampling along the sidewalls of the two additional excavations in late October 2006. The approximate area of the final ACM excavations was 600 square feet with an average depth of 6 ft bgs. The combined calculated volume removed from these 2 excavations was approximately 180 CY. Of this volume, approximately 20 CY of soil were determined by visual inspection and PID screening to be clean and thus stockpiled for potential return to the pit. A sample of this stockpiled soil was collected for laboratory analysis to confirm the absence of PCS before being returned to the excavation. Approximately 160 CY of PCS were excavated and transported offsite for disposal as New Mexico Special Waste by Rhino Environmental Services, Inc. (Rhino). Approximately 160 CY of clean imported fill material was placed in the excavation at the completion of the sidewall confirmation sampling and analysis. Appendix F provides copies of the waste manifests for the soil requiring offsite disposal.

A total of 14 sidewall confirmation soil samples were collected from around the perimeters of the 2 small excavations (Figure 8-1). Only one stockpile soil sample was collected as most of the soil from the excavations was sent to the Rhino Disposal Facility (160 CY). The laboratory results for the confirmation and stockpile soil samples collected from the excavation are discussed below.

8.1.1 2006 Excavation Confirmation Soil Sampling Results

Confirmation samples were collected at a total of 14 locations (WPOL-SW20 through WPOL-31) from the sidewalls along the perimeter of the 2006 excavations (Figure 8-1). Samples were collected according to the protocol presented in Section 4.1 of the *Final Letter Work Plan PCS Excavation at SS-17, FT-31, and the West POL Yard* (FWENC, 2003a). These 14 sidewall samples collected during the excavation were analyzed for VOCs, SVOCs, and TPH (GRO, DRO, and ORO). The analytical results (detections only) are summarized in Table 8-1 of this report, and selected analytical results are displayed on Figure 8-2. The complete analytical data packages are included in Appendix D-1 of this report.

Fourteen VOCs were detected above the MDL in the 14 confirmation soil samples collected during the 2006 excavation event. Five of those VOCs (1-chlorohexane, carbon disulfide, 2-hexanone, methylene chloride, and m-xylene & p-xylene) were detected below their respective reporting limits, and were qualified by the laboratory

with a "J", denoting an estimated value. The maximum concentrations of the other 9 VOCs detected including n-butylbenzene (21,000 µg/kg), sec-butylbenzene (10,000 µg/kg), ethylbenzene (4,900 µg/kg), isopropylbenzene (3,500 µg/kg), p-isopropyltoluene (9,800 µg/kg), naphthalene (17,000 µg/kg), n-propylbenzene (6,900 µg/kg), 1,2,4-trimethylbenzene (48,000 µg/kg), and 1,3,5-trimethylbenzene (8,200 µg/kg) were found in the sample collected at WPOL-SW26. However, all the VOCs detected in WPOL-SW26 and all other confirmation samples collected were below their respective NMED Residential SSLs (NMED, 2009) or USEPA RSLs (USEPA, 2009b). Additionally, low concentrations of only four SVOCs (benzo[g,h,i]perylene, fluorene, 2-methylnaphthalene, and naphthalene) were detected in the excavation sidewall soil samples. The maximum concentrations of all the SVOCs were also below any applicable NMED Residential SSLs (NMED, 2009) or USEPA RSLs (USEPA, 2009b).

TPH was analyzed for GRO (C_6 – C_{10}), DRO (C_{10} – C_{28}), and ORO (>C_{20} – C_{36}). The TPH-GRO and DRO fractions were detected in the majority of the sidewall samples collected. TPH-GRO ranged from 0.14 J mg/kg to 1,000 mg/kg and TPH-DRO ranged from 2.8 J mg/kg to 3,900 mg/kg. TPH-ORO was detected above the method detection limit in only one of the confirmation soil samples collected at the West POL Yard with a concentration of 70 mg/kg (WPOL-SW25). The combined TPH-GRO and DRO concentrations (TPH-ORO was not detected) for the samples collected at WPOL-SW20 (4,900 mg/kg), WPOL-SW26 (3,630 mg/kg), WPOL-SW27 (2,500 mg/kg), and WPOL-SW28 (1,280 mg/kg) were each above the NMED TPH screening guideline, Residential Direct Exposure for kerosene and jet fuel (940 mg/kg) (NMED, 2006). These sidewall samples were located along the northern wall of the excavation immediately adjacent to the southern most storage tank. Excavation activities could not continue further without completely removing the ASTs as the excavation extended up to the tank containment wall. Therefore, due to these elevated detections of TPH along the northern sidewall (WPOL-SW20, -SW26, -SW27, and -SW28) of the excavation (Figure 8-2), a site specific risk based evaluation was performed for the West POL Yard. Results of the risk based evaluation are presented in Section 9 of this report.

8.1.2 2006 Stockpile Analytical Results

Only one soil stockpile sample was collected during the 2006 ACM excavation event. The analytical results are summarized (detections only) in Table 8-1 of this report. All the VOCs and SVOCs detected in this stockpile sample were well below the current NMED SSLs for those compounds. Furthermore, the combined TPH-GRO and DRO concentration (TPH-ORO was not detected) was 345 mg/kg which is below the NMED TPH screening guideline, Residential Direct Exposure for kerosene and jet fuel (940 mg/kg) (NMED, 2006).

8.2 West POL Yard 2010 ACM Excavation

8.2.1 2010 Excavation Activities

NationView began excavating additional PCS along the west side of the AST secondary containment structure on March 4, 2010 (Figure 8-1). Confirmation sampling along the sidewalls and bottom of the additional excavation was completed on March 5, 2010. The approximate area of this excavation was 175 square feet with an average depth of 9.5 ft bgs. The combined calculated volume removed from the 2010 excavation was approximately 64 CY. Of this volume, approximately 48 CY of soil were determined by visual inspection and PID screening to be PCS and was hauled offsite to the FT-31 Landfarm. Approximately 48 CY of clean imported fill material from the FT-31 Landfarm was placed in the excavation at the completion of the sidewall confirmation sampling and analysis. Appendix G provides copies of the truck logs for the soil requiring off-site treatment at the FT-31 Landfarm.

8.2.2 2010 Excavation Confirmation Soil Sampling Results

Confirmation soil samples were collected at a total of 9 locations (WPOL-SW1 through WPOL-SW8 and WPOL-BOTTOM 1) from the sidewalls and bottom of the 2010 excavation (Figure 8-1). Samples were collected according to the protocol presented in Section 4.1 of the *Final Letter Work Plan PCS Excavation at SS-17, FT-31, and the West POL Yard* (FWENC, 2003a). The excavation confirmation samples collected during the excavation were analyzed by Accutest in Orlando Florida, for VOCs, SVOCs, and TPH (GRO, DRO, and ORO). The analytical results (detections only) are summarized in Table 8-2 of this ACM report and selected analytical results are displayed on Figure 8-3. The complete analytical data packages are included in Appendix D-3 of this report.

No VOCs or SVOCs were detected above the MDL in the nine confirmation soil samples collected. TPH was analyzed for GRO (C_6 – C_{10}), DRO (C_{10} – C_{22}), and ORO (>C_{22} – C_{36}). GRO was detected in only two samples at concentrations of 5.01 J mg/kg (WPOL-SW6) and 9.87 mg/kg (WPOL-SW5). DRO was detected in four of the samples ranging from 7.98 J mg/kg (WPOL-SW6) to 22.5 mg/kg (WPOL-SW7). ORO was detected in only one sample collected at WPOL-BOTTOM 1 at 11.1 mg/kg. The combined TPH-GRO, DRO, and ORO concentrations for all of the 2010 confirmation samples were well below the NMED TPH Screening Guideline, Residential Direct Exposure for Kerosene and Jet fuel (940 mg/kg) (NMED, 2006).

8.3 Site Restoration

Site restoration activities for the ACM removal actions at the WPOL Yard included backfilling the excavations with clean soil stockpiled during the excavation and additional clean soil from the HAFB FT-31 Landfarm. The backfill was compacted with a trackhoe and the excavations were graded to existing surface topography and slightly

arched to provide drainage for storm water run-off. The final surface rehabilitation included replacing existing concrete roadways and landscaping rock over the backfilled excavated areas.

8.4 PCS Transportation and Disposal

FWENC excavated and stockpiled 1,300 CY of PCS at the WPOL Yard in January 2003. Then in March 2003, Bhate subcontracted Rhino Environmental who transported most of this stockpiled PCS (approximately 1,400 tons or 1,200 CY) to their disposal facility south of Alamogordo. Rhino transported an additional 160 CY (approximately 190 tons) of PCS to their landfarm during the ACM excavation activities conducted by Bhate in 2006. NationView transported another 48 CY of PCS to the FT-31 Landfarm during the 2010 excavation activities. Waste manifests, for contaminated soil disposed offsite from the 2002-2003 and 2006 excavations, are presented in Appendix F of this report and truck logs for PCS sent to the onsite FT-31 Landfarm are presented in Appendix G of this report. The remainder of the soil that was stockpiled from the excavations was subsequently sampled and was determined to be clean for backfill into the excavation.

8.5 Extent of Remaining PCS

Figure 8-4 depicts all the excavation confirmation sidewall sample locations along with selected laboratory analytical results. As shown, five sidewall soil sample locations, WPOL-EX18, -SW20, -SW26, -SW27, and -SW28, which could not be excavated, due to the AST secondary containment permanent concrete structure, exceed the NMED Residential Direct Exposure TPH Screening Guideline for Kerosene and Jet Fuel (940 mg/kg) (NMED, 2006). As a result, a site specific human health residential risk assessment (presented in Section 9 of this report) was performed for the PCS remianing underneath the AST secondary containment structure.

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9 RISK BASED EVALUATION

This section presents the methodology used for conducting the risk evaluation at the West POL Yard. The methodology consists of the following:

1. Compilation of data (refer Section 9.1);
2. Identification of chemicals of potential concern (COPCs) (refer Section 9.2);
3. Development of exposure model (EM) (refer Section 9.3);
4. Calculation of representative concentrations (refer Section 9.4);
5. Calculation of risks for complete exposure pathways (refer Section 9.5);
6. Calculation of cumulative risks (refer Section 9.6); and
7. Uncertainty analysis

Each of the above steps is discussed in detail below.

9.1 Compilation of Data

Following is a summary of the soil data available for the risk assessment (RA) at the West POL Yard site:

Date	Sample Locations	No. of Sample Locations	No. of Samples
December 2002	EX01 to EX19, EX09A, EX09B, EX11A, EX12A, EX18A	24	25*
October 2005	SB01, SB03 to SB21	20	70**
October 2006	SW20 to SW22, SW23A, SW 23B, SW23C, SW24 to SW31	14	14
August and October 2009	SB22 to SB31	10	24***
March 2010	SW1 to SW8, Bottom 1	9	9

Notes:
* One duplicate sample was collected from EX10. Ten samples (EX01, EX02, EX03, EX06, EX07, EX09, EX10, EX11, EX12, and EX19) were not used for the RA since these samples were overexcavated during the subsequent excavations.
** Ten duplicate samples were collected from four locations and samples were collected at multiple depths from each location.
*** Four duplicate samples were collected from three locations. Two samples were collected at each sample location. Samples from SB22, SB29, and SB31 were not used for the RA since these samples were removed during the March 2010 excavation.

Following is a summary of the groundwater data available for the RA at the West POL Yard site:

Monitoring Well	No. of Sampling Events	Sampling Date
MW-01	1	April 2007
MW-02	1	April 2007
MW-03	1*	April 2007
MW-04	3**	April 2007

Notes:
* One duplicate sample was collected from MW-03
** Each sample was analyzed for each of VOCs, SVOCs, and TPHs, respectively

Chemicals with at least one detected concentration were considered. Tables 9-1(a) and 9-2(a) present the soil and groundwater data for the chemicals that had at least one detected concentration. For chemicals not detected, reporting limits are presented.

The data complied above were evaluated for use in the RA as follows:

- Conservatively, data with laboratory qualifiers “B” and “J” were considered as detected concentrations.
- Naphthalene was reported using two analytical methods under VOCs and SVOCs. The two concentrations were treated as follows and naphthalene is shown under VOCs:
    - If both results were detected, the average of the two were taken and considered as detected;
    - If one of the results was detected and the other was non-detect, the non-detect was replaced with half the reporting limit and average of the two concentrations was calculated and considered as detected; and
    - If both results had non-detected concentrations, the lower reporting limit was taken and the concentration considered as non-detect.
- Xylene concentrations were reported as o-xylene, m,p-xylene, and xylenes (total). Xylenes (total) were considered for use in the RA. If xylenes (total) were not reported, isomer xylenes were treated as follows:
    - If both isomer results were detected, the two were added and considered as detected;
    - If one isomer result was detected and the other was non-detect, the non-detect was replaced with half the reporting limit and the two were added and considered as detected; and
    - If both isomer results had non-detected concentrations, the reporting limits were added and considered as non-detect.

- TPH concentrations reported as TPH-GRO (C6-C10) were not considered in the RA since individual compounds that contribute TPH-GRO (e.g., benzene, toluene, ethylbenzene, xylenes, and naphthalene) are evaluated. This is consistent with methodology as per the *New Mexico Environment Department TPH Screening Guidelines* (NMED, 2006).

- TPH concentrations reported as TPH-DRO (C10-C22) and TPH-ORO (>C22-C36) were added as follows and are shown as TPHs (C10-C36):
    - If both concentrations contained detectable concentrations, the sum of the two were taken and considered as detected;
    - If one of them contained a detectable concentration and the other was non-detect, the non-detect was replaced with half the reporting limit and the sum of the two were taken and considered as detected; and
    - If both had concentrations below the reporting limits, the reporting limits were added and considered as non-detect.

- The original sample and the duplicate sample were averaged as follows:
    - If both samples contained detectable concentrations, the average of the two were taken and considered as detected;
    - If one of the samples contained a detectable concentration and the other was non-detect, the non-detect was replaced with half the reporting limit and average of the two were taken and considered as detected; and
    - If both samples had concentrations below the reporting limits, the average of two reporting limits was taken and the sample was considered as non-detect.

Based on the above considerations, Tables 9-1(b) and 9-2(b) present the soil and groundwater data used for the RA. Further, Tables 9-1(c) and 9-2(c) present summary statistics of soil and groundwater data used for the RA.

9.2 Identification of Chemicals of Potential Concern

To identify COPCs, the maximum detected concentrations of each chemical that had at least one detected concentration were compared with screening levels.

9.2.1 Chemicals of Potential Concern in Soil

As per the responses to the NMED's comments on the Final RCRA Facility Investigation Work Plan SWMUs 122 and 123 (NationView, November 2008), the screening levels for soil were obtained from the following sources:

- NMED's SSLs for residential land use (NMED, 2009)
- NMED's TPH screening levels (NMED, 2006)
- USEPA's RSLs for residential land use (USEPA, 2009b)

For chemicals not listed in the NMED (2009) and USEPA (2009b), SSLs for residential land use were developed as per the methodology in the *NMED Technical Background Document for the Development of Soil Screening Levels* (Revision 5.0, 2009).

Table 9-1(d) presents the comparison of maximum detected concentrations with screening levels for soil. The chemicals with the maximum detected concentrations greater than the screening levels were considered as COPCs. Based on this comparison, one COPC (TPH) in soil was identified. Table 9-3 summarizes the COPCs in soil and groundwater.

9.2.2 Chemicals of Potential Concern in Groundwater

As per the responses to the NMED's comments on the Final RCRA Facility Investigation Work Plan SWMUs 122 and 123 (NationView, November 2008), the screening levels for groundwater were obtained from the following sources:

- NMWQCC groundwater standards for contaminants (NMAC 20.6.2.3103)
- USEPA's national priority drinking water regulations MCLs (USEPA, 2009a)

Table 9-2(d) presents the comparison of maximum detected concentrations with screening levels for groundwater. The chemicals with the maximum detected concentrations greater than the screening levels **and** the chemicals without screening levels were considered as COPCs. Based on this comparison, eight COPCs in groundwater were identified. Table 9-3 summarizes the COPCs in soil and groundwater.

9.3 Development of Exposure Model

This section presents the EM for the West POL Yard. The EM identifies the potential receptors and the exposure pathways under current and anticipated future conditions.

9.3.1 Receptors

Currently, the site is used to store and distribute JP-8 jet fuel to tanker trucks. There are four ASTs within a secondary containment concrete berm, and aboveground and underground product transmission lines. Therefore, a commercial/industrial worker is considered a receptor of concern under current conditions.

As discussed in Section 3.9 of this report, residential development at the West POL Yard is limited and future land use is not expected to differ significantly from current land use practices, however, conservatively residential development at or near the site could potentially occur. Therefore, a resident is considered a receptor of concern under future conditions. Additionally, in the future construction activities may occur, hence potential future construction workers are also considered a receptor of concern.

9.3.2 Exposure Pathways

Tables 9-4(a), 9-4(b), and 9-4(c) present the EMs for the current commercial/industrial worker, the future resident, and the future construction worker, respectively.

The complete exposure pathways that will be quantitatively evaluated are summarized below.

For the current commercial/industrial worker:

- Dermal contact with surficial soil
- Accidental ingestion of surficial soil
- Outdoor inhalation of vapors or particulates from surficial soil
- Outdoor inhalation of vapors from subsurface soil
- Outdoor inhalation of vapors from groundwater

For the future resident:

- Dermal contact with surficial soil
- Accidental ingestion of surficial soil
- Outdoor inhalation of vapors or particulates from surficial soil
- Indoor inhalation of vapors from subsurface soil
- Indoor inhalation of vapors from groundwater

For the future construction worker:

- Dermal contact with soil to depth of construction
- Accidental ingestion of soil to depth of construction
- Outdoor inhalation of vapors or particulates from soil to depth of construction
- Dermal contact with groundwater
- Outdoor inhalation of vapors from groundwater

The exposure pathways from surficial soil or soil to depth of construction, exposures due to dermal contact with, ingestion of, and outdoor inhalation of vapors or particulates from soil were evaluated as the combined pathways from soil. This is consistent with the *Technical Background Document for Development of Soil Screening Levels, Revision 5.0* (NMED, 2009) and the *Regional Screening Levels Tables* (USEPA, 2009b).

9.4 Calculation of Representative Concentrations

The representative concentrations for each of the COPCs and each pathway-receptor combination were estimated using the following methodology:

- Surficial soil was assumed to be soil collected between 0 – 2 ft bgs
- Subsurface soil was represented by soil samples collected from 2 ft bgs to the water table

- For the construction worker, representative concentrations of soil up to the depth of construction, i.e., samples collected between 0 – 10 ft bgs were used.
- Non-detect concentrations were replaced with half the reporting limit for the calculation of representative concentrations.
- Representative concentrations were based on the arithmetic average concentrations.

The representative concentrations of surficial soil, subsurface soil, soil to the depth of construction, and groundwater are presented in Tables 9-5(a), 9-5(b), 9-5(c), and 9-5(d), respectively.

9.5 Calculation of Risks

This section discusses the methodology used to calculate risks for the complete exposure pathways identified in Section 9.3.

9.5.1 Combined Pathways from Soil

For this pathway, the risks were calculated for combined pathways from surficial soil by commercial/industrial workers and residents, and from soil by construction workers.

For this pathway and the receptor combinations, the target concentrations for TPH were obtained. The TPH target concentrations are for kerosene and jet fuel as per the *New Mexico Environment Department TPH Screening Guidelines* (NMED, 2006). The TPH target concentrations for commercial/industrial workers and construction workers are for industrial direct exposure and the TPH target concentration for residents is for residential direct exposure.

Using the representative concentrations calculated in Section 9.4 and the target concentrations, the non-carcinogenic risk of each receptor was calculated by taking the ratio of the representative concentration to the target level. According to *Characterizing Risks Posed by Petroleum Contaminated Sites: Implementation of the Massachusetts Department of Environmental Protection (MADEP) Volatile Petroleum Hydrocarbons/Extractable Petroleum Hydrocarbons (VPH/EPH) Approach* (MADEP, 2002), TPH is considered a non-carcinogen.

The calculated risks for commercial/industrial workers, residents, and construction workers are presented in Tables 9-6(a), 9-6(b), and 9-6(c), respectively.

9.5.2 Outdoor Inhalation of Vapors from Subsurface Soil

For this pathway, the risk was calculated for commercial/industrial workers. The same methodology used for combined pathways from soil discussed in Section 9.5.1 was used to calculate the non-carcinogenic risk for commercial/industrial workers.

The calculated risk for commercial/industrial workers is presented in Table 9-6(a).

9.5.3 Outdoor Inhalation of Vapors from Groundwater

For this pathway, the risks were calculated for commercial/industrial workers and construction workers. Since this pathway is not included in the *Technical Background Document for Development of Soil Screening Levels, Revision 5.0* (NMED, 2009) and the *Regional Screening Levels Tables* (USEPA, 2009b), the methodology as per the *Standard Guide for Risk-Based Corrective Action Applied at Petroleum Release Sites* (American Society for Testing and Materials [ASTM], 1995) was used.

This section describes the input parameters used to calculate the risks for outdoor inhalation of vapors from groundwater by commercial/industrial workers and construction workers. The calculated risks for commercial/industrial workers and construction workers are presented in Tables 9-6(a) and 9-6(c), respectively.

The risks for this pathway were developed only for the volatile chemicals. As per the *Technical Background Document for Development of Soil Screening Levels, Revision 5.0* (NMED, 2009), a chemical was considered volatile if it's Henry's law constant (H) is 1×10^{-5} atmospheric-cubic meters per mole (atm-m^3/mol) (unitless H of 4.2×10^{-4}) or greater and it's molecular weight is 200 g/mole or less. All of the eight COPCs in groundwater are considered volatile.

Specifically, the calculation of risks requires the following:

- Toxicity values;
- Physical and chemical properties;
- Exposure factors; and
- Fate and transport parameters.

Each of these is discussed below.

9.5.3.1 Toxicity Values

The toxicity of chemicals with carcinogenic adverse health effects associated with inhalation exposure is quantified using unit risk. For chemicals that cause non-carcinogenic adverse health effects, toxicity associated with inhalation exposure is typically quantified by reference concentration. The inhalation toxicity values for the COPCs are presented in Table 9-7(a) and were obtained from the following sources:

- NMED, 2009. Technical Background Document for Development of Soil Screening Levels, Revision 5.0.
- USEPA, 2009b. Regional Screening Levels Tables.
- Texas Commission on Environmental Quality (TCEQ), 2010. Texas Risk Reduction Program Rule Tables

Note that the Regional Screening Level Tables (USEPA, 2009b) followed the same hierarchy of human health toxicity values as recommended in the Technical Background Document for Development of Soil Screening Levels (NMED, 2009).

As per Table 9-7(a), one COPC in groundwater (dibenzofuran) does not have inhalation toxicity values as per the *Regional Screening Levels Tables* (USEPA, 2009b). However, this COPC was detected in only one groundwater sample at an estimated (with a "J" laboratory qualifier) and is not a commonly detected chemical at HAFB. Therefore, dibenzofuran was not evaluated for this pathway. The remaining seven COPCs in groundwater are considered non-carcinogens.

9.5.3.2 Physical and Chemical Properties

The physical and chemical properties for COPCs are presented in Table 9-7(a) and were obtained from the same sources used for toxicity values.

9.5.3.3 Exposure Factors

The exposure factors for outdoor inhalation of vapors from groundwater by commercial/industrial workers and construction workers are presented in Table 9-7(b).

9.5.3.4 Fate and Transport Parameters

The fate and transport parameters for outdoor inhalation of vapors from groundwater are presented in Table 9-7(c).

Specifically, the following geotechnical parameters are required to evaluate outdoor inhalation of vapors from groundwater.

- Soil dry bulk density (ρ_b);
- Soil total porosity (n); and
- Soil water-filled porosity (θ_{wv}).

For the West POL Yard, site-specific geotechnical parameters were analyzed for the vadose zone soil. These site-specific geotechnical parameters are presented in Table 7-1. Two samples were collected and the average values of these two samples were used, if appropriate.

Soil dry bulk density for vadose zone (ρ_b) was measured and the average value of 1.5 g/cm^3 was used. Soil total porosity for vadose zone (n) was calculated using the measured soil dry bulk density average (ρ_b) and measured specific gravity average (ρ_s). Soil water-filled porosity for the vadose zone (θ_{wv}) was calculated using the measured moisture content average (θ_{wg}), the soil dry bulk density average (ρ_b), and the density of water (ρ_l). The calculations of soil total porosity and soil water-filled porosity are shown below:

$$n = 1 - \frac{\rho_b}{\rho_s} = 1 - \frac{1.5}{1.7} = 0.118$$

$$\theta_{wv} = \theta_{wg} \times \frac{\rho_b}{\rho_l} = 0.143 \times \frac{1.5}{1} = 0.215$$

However, the calculated soil total porosity and soil water-filled porosity do not seem appropriate since the calculated soil-water filled porosity exceeds the calculated soil total porosity. Therefore, default soil total porosity and water-filled porosity values as per the NMED (2009) were used.

9.5.4 Indoor Inhalation of Vapors from Subsurface Soil

For this pathway, the risk was calculated for resident. The same methodology used for combined pathways from soil discussed in Section 9.5.1 was used to calculate the non-carcinogenic risk of TPH.

The calculated risk for resident is presented in Table 9-6(b).

9.5.5 Indoor Inhalation of Vapors from Groundwater

For this pathway, the risk was calculated for potential future resident. Since this pathway is not included in the *Technical Background Document for Development of Soil Screening Levels, Revision 5.0* (NMED, 2009) and the *Regional Screening Levels Tables* (USEPA, 2009b), the methodology as per the Johnson & Ettinger (J&E) model presented in the *User's Guide for Evaluating Subsurface Vapor Intrusion into Buildings* (USEPA, 2004b) was used.

This section describes the input parameters used to calculate the risks for indoor inhalation of vapors from groundwater by residents. The calculated risks for residents are presented in Table 9-6(b). The risks for this pathway were developed only for the volatile chemicals and all of eight COPCs in groundwater are considered volatile.

Specifically, the calculation of risks requires the following:

- Toxicity values;
- Physical and chemical properties;
- Exposure factors;
- Source parameters;
- Geotechnical parameters; and
- Building parameters.

Each of these is discussed below.

9.5.5.1 Toxicity Values

The chemical-specific inhalation toxicity parameters for the COPCs used are presented in Table 9-8(a). These toxicity values are consistent with the values used for outdoor inhalation pathways presented in Table 9-7(a) and were used to run the USEPA spreadsheet implementation of the J&E model.

9.5.5.2 Physical and Chemical Properties

The physical and chemical properties for COPCs are presented in Table 9-8(a). The values used for outdoor inhalation of vapors from groundwater presented in Table 9-7(a) were used and three parameters such as normal boiling point, critical temperature, and enthalpy of vaporization at the normal boiling point are the default values from the USEPA spreadsheet implementation of the J&E model. The values presented in Table 9-8(a) were used to run the USEPA spreadsheet implementation of the J&E model.

9.5.5.3 Exposure Factors

The exposure factors for indoor inhalation of vapors from groundwater by residents are presented in Table 9-8(b).

The exposure factors were obtained from the *Technical Background Document for Development of Soil Screening Levels, Revision 5.0* (NMED, 2009).

9.5.5.4 Source Parameters

The following source parameters are required to evaluate indoor inhalation of vapors.

- **Average soil temperature:** During the groundwater sampling, groundwater temperature was measured. An average groundwater temperature of 21 °C was used as the soil temperature.
- **Depth below grade to water table:** Depths to water were gauged from four monitoring wells. The average depth to the water table of 6.5 ft (198 cm) was used for the depth below grade to the top of contamination.

These parameters are presented in Table 9-8(c).

9.5.5.5 Geotechnical Parameters

The following geotechnical parameters are required to evaluate indoor inhalation of vapors.

- Soil dry bulk density;
- Soil total porosity; and
- Soil water-filled porosity.

As discussed in Section 9.5.3.4, the geotechnical parameters used are presented in Table 9-8(c).

9.5.5.6 Building Parameters

The following building parameters are required to evaluate indoor inhalation of vapors:

- Depth below grade to bottom of enclosed space floor;
- Enclosed space floor thickness;
- Enclosed space floor length;

- Enclosed space floor width;
- Enclosed space height;
- Floor-wall seam crack width;
- Indoor air exchange rate; and
- Average vapor flow rate into building.

For depth below grade to bottom of enclosed space floor, the default value of 15 cm for slab-on-grade construction was considered (USEPA, 2004b). For other building parameters, default values in the USEPA spreadsheet entitled "Implementation of the J&E Model" were used. These values are presented in Table 9-8(c).

9.5.6 Dermal Contact with Groundwater

For this pathway, the risks for COPCs were calculated for construction workers. Since this pathway is not included in the *Technical Background Document for Development of Soil Screening Levels, Revision 5.0* (NMED, 2009) and the *Regional Screening Levels Tables* (USEPA, 2009b), the methodology as per the *Risk Assessment Guidance for Superfund Volume I: Human Health Evaluation Manual Part E Supplemental Guidance for Dermal Risk Assessment* (USEPA, 2004a) was used. The calculated risks for resident are presented in Table 9-6(c).

The calculation of risks requires the following:

- Toxicity values;
- Chemical-specific parameters for dermal contact with water; and
- Exposure factors.

Each of these is discussed below.

9.5.6.1 Toxicity Values

Dermal toxicity values are not readily available and in the absence of direct measurement of dermal toxicity, use of oral toxicity values is considered an acceptable alternative by the *Risk Assessment Guidance for Superfund Volume I Human Health Evaluation Manual Part A* (USEPA, 1989). Therefore, the oral toxicity values were used and are presented in Table 9-8(a).

As per Table 9-9(a), all of eight COPC in groundwater are considered non-carcinogens.

9.5.6.2 Chemical-Specific Parameters for Dermal Contact with Water

The development of target levels requires parameters for dermal contact pathways. The chemical-specific parameters for dermal contact pathways are presented in Table 9-9(a).

9.5.6.3 Exposure Factors

The exposure factors for dermal contact with groundwater for a construction workers are presented in Table 9-9(b).

9.6 Calculation of Cumulative Risks

The risk to human health was calculated for each COPC, for each complete exposure pathway, and for each receptor. The cumulative risk for each receptor, i.e., sum of risks for all chemicals and for all complete exposure pathways, is compared with target risks. The following are the target risks for each receptor:

- For potential carcinogenic health effects, the cumulative individual excess lifetime cancer risk (IELCR) for each receptor of 1×10^{-5}; and
- For potential non-carcinogenic health effects, the cumulative hazard index (HI) for each receptor of 1.0.

These target risks are consistent with the *Technical Background Document for Development of Soil Screening Levels, Revision 5.0* (NMED, 2009).

The calculated cumulative risks are presented in Tables 9-6(a), 9-6(b), and 9-6(c) for current commercial/industrial workers, future residents, and future construction workers, respectively.

These tables indicate:

- For current commercial/industrial workers, the cumulative HI for non-carcinogenic effects is 0.22, which is below the acceptable target risk level of 1.0.
- For future residents, the cumulative HI for non-carcinogenic effects is 0.55, which is below the acceptable target risk of 1.0.
- For future construction workers, the cumulative HI for non-carcinogenic effects is 0.16, which is below the acceptable target risk of 1.0.

Based on the above, the current residual concentration of COPCs in soil and groundwater are protective of current commercial/industrial workers, future residents, and future construction workers.

9.7 Uncertainty Analysis

As in any RA, the estimated carcinogenic and non-carcinogenic risks contain several sources of uncertainties. However, the general approach used in this RA has been to use conservative assumptions regarding exposure estimates, so that the estimated carcinogenic and non-carcinogenic risks represent an upper bound estimate of the risk. The following sections present the inherent sources of uncertainty and conservative assumptions used in this RA.

9.7.1 Inherent Sources of Uncertainty

The RA process is designed to provide a conservative estimate or evaluation of risks to human health. However, some degree of uncertainty is inherent to the process. Sources of uncertainty typically relate to the following areas:

- Site characterization;
- Representative concentration;
- Exposure evaluation;
- Toxicity values;
- Physical and chemical properties; and
- Fate and transport parameters and models.

Inherent sources of uncertainty relating to the site characterization include:

- Field sampling location bias (sample locations were biased toward areas of highest contamination) and likely are an overestimation of risks
- No consideration is made for source depletion, natural degradation, or attenuation of chemicals over time which is a conservative approach

Inherent sources of uncertainty relating to the representative concentration include:

- Use of all the samples collected since 2002 (current concentrations of organic chemicals are likely to be lower due to known natural attenuation processes) which is a conservative approach
- Use of half the reporting limits for concentrations below the reporting limits by the laboratory which is likely an overestimation of risks when reporting limits are high but the detected concentration are very low
- Use of current concentrations for future residents and future construction workers which is a conservative approach
- Use of soil data collected up to depth of 10 feet for future construction workers. The impact of this assumption on risks could be either underestimation or overestimation.

Inherent sources of uncertainty relating to the exposure assessment include:

- Assumption that exposure scenarios and contact with affected medium will occur. The impact of this assumption on risks could be an overestimation if the exposure pathway were incomplete.
- Assumption of frequent or routine exposure over prolonged durations, for example, the assumption that a worker stays at the same location for 25 years. This would likely overestimate the risks.
- Use of default exposure values for physiological parameters which are typically conservative.
- Assumption that some pathways are negligible in comparison to others (e.g., outdoor inhalation of vapors from subsurface soil and groundwater by future residents were not quantitatively evaluated since indoor inhalation of vapors from subsurface soil and groundwater were evaluated). This would likely

underestimate the risks.

Inherent sources of uncertainty relating to the toxicity values include:

- Use of reference dose and slope factor derived by conservative methods.
- Derivation of dermal toxicity values from ingestion toxicity values.
- Assumption of TPH toxicity as non-carcinogens.
- Chemicals without toxicity values. For example, indoor inhalation of vapors from groundwater by residents and for outdoor inhalation vapors from groundwater by construction workers were not evaluated for dibenzofuran. However, as mentioned in Section 9.5.3.1, this chemical is not a common chemical detected at HAFB. Therefore, the underestimation of risks may not be significant.

The above first through third sources associated with toxicity values may not estimate the true health effects of COCPs. However, typically these toxicity values were developed based on very conservative assumptions that result in very conservative quantitative toxicity values. Therefore, the toxicity values used in this RA are likely to overestimate the risks.

Inherent sources of uncertainty relating to the physical and chemical properties include:

- Derivation of physical and chemical properties based on a single chemical which does not consider the effects of the presence of multiple chemicals. This would underestimate the risks because the presence of multiple chemicals reduces volatility and solubility.

Inherent sources of uncertainty relating to the fate and transport parameters and models include:

- Use of default values by literature which typically are conservative.
- Assumption of an infinite non-depleting source which is conservative.

9.7.2 Overall Impact of Uncertainties

As discussed above, there are numerous sources of uncertainty in the parameters used to calculate the potential risks. The above discussion indicates that the risks have been estimated using very conservative assumptions for most of sources; therefore, overall the risks have been overestimated.

10 CONCLUSIONS AND RECOMMENDATIONS

Additional PCS from the West POL Yard was excavated and transported for offsite disposal (Rhino Disposal Facility) in October 2006 and was sent to the FT-31 Landfarm for PCS treatment in March 2010. Confirmation soil samples collected from the sidewalls of the excavations provide documentation of the complete removal of soil containing petroleum hydrocarbons, VOCs, or SVOCs in excess of the NMED SSLs, from outside the secondary containment area around the ASTs. Remaining PCS found underneath the containment area near the southern most AST could not be removed, and as a result, a risk assessment (covered in Section 9 of this report) was performed for potential future human receptors including adult and child residents, commercial/industrial workers, and construction workers. Soil samples collected west of the AST secondary containment define the nature and extent of the residual soil contamination left in place. Furthermore, analytical results from groundwater samples collected at the site do not contain VOCs, SVOCs, or TPH above any NMWQCC groundwater standards or USEPA MCLs.

PCS excavated from the West POL Yard was transported offsite for treatment and/or disposal. Soil that was analyzed during the excavation process and determined to be acceptable for backfilling along with imported clean material was used to backfill the excavation and the surface was restored to the original condition.

The risk assessment calculated the risk to human health for each of the detected COPCs at the site. The cumulative risk for each potential receptor was found to be less than the target risk level for each potential receptor. Therefore, the current residual concentration of COPCs in soil and groundwater at the WPOL Yard are protective of current commercial/industrial workers, future residents (adults and children), and future construction workers.

Based upon the additional sampling, laboratory groundwater analytical results, documentation of excavation and disposal provided, and the site specific human health risk-based evaluation; No Further Action is recommended for the West POL Yard. NFA for the West POL Yard is based upon NMED Closure Criterion #5 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."*

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TABLES

Table 3-1
Groundwater Wells
Located within a 4-Mile Radius of HAFB
West POL ACM Completion Report
Holloman AFB, New Mexico
NationView Project No.: 8090012

Well Identification Number	Use	NAD 83 UTM (meters)		Well Depth (feet)
		Northing	Easting	
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
Notes:
NAD - North American Datum
UTM - Universal Transverse Mercator

Table 3-2
Groundwater Elevation Summary (April 2007)
West POL ACM Completion Report
Holloman AFB, New Mexico
NationView Project No.: 8090012

Well	Northing	Easting	Elevation TOC (ft above msl)	DTW from TOC (ft below TOC)	Groundwater Elevation April 18, 2007 (ft above msl)
WPOL-MW01	670921.9	1684775.5	4,059.17	6.4	4,052.77
WPOL-MW02	670663.0	1684644.9	4,059.06	6.38	4,052.68
WPOL-MW03	670768.1	1684735.5	4,059.43	6.70	4,052.73
WPOL-MW04	670648.9	1684729.8	4,058.38	5.79	4,052.59

Notes:
TOC = Top of Casing
DTW = Depth to Water
ft = feet
msl = mean sea level
WPOL - West Petroleum, Oil, and Lubricants Yard
MW - Monitoring Well

Table 3-3
Monitoring Well Construction Details
West POL ACM Completion Report
Holloman AFB, New Mexico
NationView Project No.: 8090012

Well ID	Installation Date	Sampled 2007	Diameter (inches)	Screen Interval (ft bgs)	Depth to Water (ft below TOC)	Total depth (feet)	Status
WPOL-MW01	4/16/2007	1	1	2.2 - 12.2	6.43	12.5	Active
WPOL-MW02	4/16/2007	1	1	2.2 - 12.2	6.38	12.5	Active
WPOL-MW03	4/16/2007	1	1	1.8 - 11.8	6.70	12.0	Active
WPOL-MW04	4/16/2007	1	1	0.8 - 10.8	5.79	11.0	Active

Notes:
ID - Identification
ft bgs - Feet below ground surface
ft below TOC - Feet below Top of Casing (based on July 26, 2007 groundwater elevation)
WPOL - West Petroleum, Oil, and Lubricants Yard
MW - Monitoring Well

Table 7-1
Soil Geotechnical Parameters
West POL ACM Completion Report
Holloman AFB, New Mexico
NationView Project No.: 8090012

Sample Identification	**Method**	**Units**	**WPOL-DP01-5**	**WPOL-DP04-5**	**Average**
Depth (ft bgs)			**1-5**	**1-5**	
Date sampled			**4/16/2007**	**4/16/2007**	
Parameter					
Bulk Density (Dry Basis)	ASTM D2937-94 M	g/mL	1.4	1.6	1.5
Fractional Organic Carbon	ASTM D2974-87	%	4.0	5.2	4.6
Moisture Content (Solids, Percer	USEPA 160.3	%	16.9	11.7	14.3
Specific Gravity	ASTM 1429		1.6	1.8	1.7

Notes:
ASTM - American Society for Testing and Materials
USEPA - United States Environmental Protection Agency
ft bgs - Feet below ground surface
g/mL - grams per milliliter
% - percent
WPOL = Site Identifier (West Petroleum, Oil, and Lubricants Yard)
DP = Direct Push Location

Table 7-2
Groundwater Analytical Results (April 2007)
West POL ACM Completion Report
Holloman AFB, New Mexico
NationView Project No.: 8090012

Client Sample Identification:	Groundwater Screening Levels		WPOL-MW01		WPOL-MW02		WPOL-MW03		WPOL-MW03-a[6]		WPOL-MW04		WPOL-MW04		WPOL-MW04	
Lab Sample Identification:	NMWQCC [1]	USEPA MCL [2]	F48898-1		F48898-2		F48898-3		F48898-4		F48994-1		F48994-1A		F48994-1B	
Date Sampled:			4/18/2007		4/18/2007		4/18/2007		4/18/2007		4/18/2007		4/23/2007		4/24/2007	
Analyte			Result[3]	Q	Result[3]	Q	Result[3]	Q	Result[3]	Q	Result[3]	Q	Result[3]	Q	Result[3]	Q
Volatile Organic Compounds (8260B)	**µg/L**	**µg/L**	**µg/L**	**Q**	**µg/L**	**Q**	**µg/L**	**Q**	**µg/L**	**Q**	**µg/L**	**Q**	**µg/L**	**Q**	**µg/L**	**Q**
Acetone	NV	NV	5.0	U	5.0	U	5.0	U	5.0	U	28.7		NA		NA	
n-Butylbenzene	NV	NV	0.50	U	0.50	U	1.6		1.4		0.50	U	NA		NA	
sec-Butylbenzene	NV	NV	0.50	U	0.50	U	9.1		8.8		0.50	U	NA		NA	
tert-Butylbenzene	NV	NV	0.50	U	0.50	U	0.67	J	0.64	J	0.50	U	NA		NA	
Isopropylbenzene	NV	NV	0.50	U	0.50	U	2.3		2.2		0.50	U	NA		NA	
Methyl ethyl ketone	NV	NV	2.5	U	2.5	U	2.5	U	2.5	U	9.0		NA		NA	
Naphthalene	30	NV	1.0	U	1.0	U	1.6	J	1.2	J	1.0	U	NA		NA	
n-Propylbenzene	NV	NV	0.50	U	0.50	U	0.56	J	0.52	J	0.50	U	NA		NA	
Semi-Volatile Organic Compounds (8270C)	**µg/L**	**µg/L**	**µg/L**	**Q**	**µg/L**	**Q**	**µg/L**	**Q**	**µg/L**	**Q**	**µg/L**	**Q**	**µg/L**	**Q**	**µg/L**	**Q**
Dibenzofuran	NV	NV	1.0	U	0.98	U	1.0	U	1.1	J	NA		1.4	U	NA	
Total Petroleum Hydrocarbons (8015)	**mg/L**	**mg/L**	**mg/L**		**mg/L**		**mg/L**		**mg/L**		**mg/L**		**mg/L**		**mg/L**	
Gasoline Range Organics (C6-C10)	15.7 [4]	NV	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U	NA		NA	
Diesel Range Organics (C10-C22)	15.7 [4]	NV	0.10	U	0.10	U	1.00		0.988		NA		NA		0.0975	J
Oil Range Organics (>C22-C36)	15.7 [4]	NV	0.110	J	0.164	J	0.605		0.634		NA		NA		0.152	J
General Chemistry (160.1)	**mg/L**	**mg/L**	**mg/L**		**mg/L**		**mg/L**		**mg/L**		**mg/L**		**mg/L**		**mg/L**	
Solids, Total Dissolved	1,000	500 [5]	**6,480**		**3,430**		**2,680**		**3,880**		NA		**4,310**		NA	

Notes:
NMWQCC = New Mexico Water Quality Control Commission
USEPA = United States Environmental Protection Agency
MCL = Maximum Contaminant Level
µg/L = micrograms per liter
mg/L = milligrams per liter
NA = not analyzed
NV = No Value Established
Qualifiers
Q = Qualifier
U = Not detected
J = Indicates an estimated value
Client Sample Nomenclature
WPOL = West Petroleum, Oil, and Lubricants Yard
MW = Monitoring Well
a = sample suffix denoting a 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] If results are not detected (U) then the value is set at the Method Detection Limit (MDL)
[4] NMED TPH Screening Guidelines for Kerosene and Jet Fuel, Concentration in Groundwater, Table 2b (October, 2006)
[5] USEPA Secondary Drinking Water Standard
[6] Laboratory data package F48898 incorrectly identifies this sample as WPOL-MW04-a. The correct sample ID according to the Chain-of-Custody is WPOL-MW03-a.
Bold value indicates analytes above the New Mexico Groundwater Quality Standards, the USEPA MCLs, or the NMED TPH Screening Guidelines

Table 7-3
ACM Soil Boring Analytical Results (August-October 2009)
West POL ACM Completion Report
Holloman AFB, New Mexico
NationView Project No.: 8090012

Client Sample Identification:	**Soil Screening Levels**	**WPOL-SB22-6**			**WPOL-SB22-10**			**WPOL-SB23-6**			**WPOL-SB23-6-A**			**WPOL-SB23-10**		
Lab Sample Identification:	**NMED Residential[1]**	**F67531-1**			**F67531-2**			**F67531-6**			**F67531-7**			**F67531-8**		
Date Sampled:		**8/24/2009**			**8/24/2009**			**8/24/2009**			**8/24/2009**			**8/24/2009**		
Analyte		**Result [2]**	**Q**	**Q1**	**Result [2]**	**Q**	**Q1**	**Result [2]**	**Q**	**Q1**	**Result [2]**	**Q**	**Q1**	**Result [2]**	**Q**	**Q1**
Volatile Organic Compounds (8260B)	**mg/kg**	**µg/kg**			**µg/kg**			**µg/kg**			**µg/kg**			**µg/kg**		
Acetone	67,500	1,800	U		27	U		28	U		27	U		28	U	
n-Butylbenzene	NV [4]	3,430			1.5	U		1.6	U		1.5	U		1.6	U	
sec-Butylbenzene	NV [4]	6,550			1.2	U		1.2	U		1.2	U		1.2	U	
Carbon disulfide	1,940	78	U		1.2	U		1.2	U		1.2	U		1.2	U	
Ethylbenzene	69.7	71	U		1.1	U		1.1	U		1.1	U		1.1	U	
2-Hexanone	210 [3]	360	U		5.4	U		5.7	U		5.3	U		5.6	U	
Hexane	1,250	170	U		2.6	U		2.7	U		2.6	U		2.7	U	
Isopropylbenzene	3,210	697			1.2	U		1.2	U		1.2	U		1.2	U	
p-Isopropyltoluene	NV [4]	78	U		1.2	U		1.2	U		1.2	U		1.2	U	
4-Methyl-2-pentanone	5,950	460	U		6.9	U		7.2	U		6.8	U		7.2	U	
Methylene chloride	199	996	B	J	8.2	JB	J	5.7	U		5.3	U		5.6	U	
Naphthalene	45	140	U		2.2	U		2.3	U		2.1	U		2.3	U	
n-Propylbenzene	NV [4]	85	U		1.3	U		1.4	U		1.3	U		1.4	U	
1,3,5-Trimethylbenzene	780 [3]	71	U		1.1	U		1.1	U		1.1	U		1.1	U	
Semi-Volatile Organic Compounds (8270C)	**mg/kg**	**µg/kg**			**µg/kg**			**µg/kg**			**µg/kg**			**µg/kg**		
Dibenzofuran	78 [3]	218	J		39	U		39	U		40	U		41	U	
Total Petroleum Hydrocarbons (8015)	**mg/kg**	**mg/kg**			**mg/kg**			**mg/kg**			**mg/kg**			**mg/kg**		
Gasoline Range Organics (C6-C10)	940 [5]	**1,440**			3.3	U		3.1	U		3.1	U		3.4	U	
Diesel Range Organics (C10-C22)	940 [5]	**1,430**			6.0	U		6.1	U		6.1	U		6.1	U	
Oil Range Organics (>C22-C36)	940 [5]	250	U		6.0	U		6.1	U		6.1	U		6.1	U	
General Chemistry (160.3)	**%**	**%**			**%**			**%**			**%**			**%**		
Solids, Percent	NV	80.6			82.8			83.1			82.0			80.6		

Notes:

NMED = New Mexico Environment Department
µg/kg = micrograms per kilogram
mg/kg = milligrams per kilogram
NV = No Value
% = percent
Q = Laboratory Qualifier
Q1 = Validating Chemist Qualifier

Qualifiers
U = Not detected
J = Indicates an estimated value
B = Analyte detected in the associated method blank

Client Sample Nomenclature
WPOL = West Petroleum Oil & Lubricants Yard
SB = Soil Boring
A = Denotes a field duplicate sample

[1] NMED, December 2009. Technical Background Document for Development of Soil Screening Levels (SSL), Revision 5.0.
[2] If results are not detected (U) then the value is set at the Method Detection Limit (MDL)
[3] USEPA Region 3, 6, and 9 Regional Screening Levels (RSLs) (December, 2009)
[4] No Value established for NMED Residential SSL (December, 2009) and USEPA RSL (December, 2009)
[5] NMED TPH Screening Guidelines for Kerosene and Jet Fuel, Residential Direct Exposure, Table 2b (October, 2006)
Bold value indicates analytes above NMED SSLs (Rev 5.0, December 2009) or TPH results above NMED TPH Screening Guidelines (October, 2006)
Indicates that the combined TPH-GRO/DRO/ORO results exceed the NMED TPH Screening Guidelines (Kerosene and Jet Fuel, Residential Direct Exposure

Table 7-3
ACM Soil Boring Analytical Results (August-October 2009)
West POL ACM Completion Report
Holloman AFB, New Mexico
NationView Project No.: 8090012

Client Sample Identification:	**Soil Screening Levels**	**WPOL-SB24-8**			**WPOL-SB24-8-A**			**WPOL-SB24-10**			**WPOL-SB25-5**			**WPOL-SB25-10**		
Lab Sample Identification:	**NMED Residential[1]**	**F67531-3**			**F67531-4**			**F67531-5**			**F67545-1**			**F67545-2**		
Date Sampled:		**8/24/2009**			**8/24/2009**			**8/24/2009**			**8/24/2009**			**8/24/2009**		
Analyte		**Result [2]**	**Q**	**Q1**	**Result [2]**	**Q**	**Q1**	**Result [2]**	**Q**	**Q1**	**Result [2]**	**Q**	**Q1**	**Result [2]**	**Q**	**Q1**
Volatile Organic Compounds (8260B)	**mg/kg**	**µg/kg**			**µg/kg**			**µg/kg**			**µg/kg**			**µg/kg**		
Acetone	67,500	28	U		30	U		28	U		27	U		26	U	
n-Butylbenzene	NV [4]	1.6	U		1.7	U		1.5	U		1.5	U		1.5	U	
sec-Butylbenzene	NV [4]	1.6	J		2.0	J		1.2	U		1.2	U		1.2	U	
Carbon disulfide	1,940	5.8			6.0			1.2	U		1.2	U		1.2	U	
Ethylbenzene	69.7	1.1	U		1.2	U		1.1	U		1.1	U		1.0	U	
2-Hexanone	210 [3]	5.7	U		6.0	U		5.5	U		8.7	JB	J	5.2	U	
Hexane	1,250	2.7	U		2.9	U		2.6	U		2.6	U		5.9		J
Isopropylbenzene	3,210	1.2	U		1.3	U		1.2	U		1.2	U		1.2	U	
p-Isopropyltoluene	NV [4]	1.2	U		1.3	U		1.2	U		1.2	U		1.2	U	
4-Methyl-2-pentanone	5,950	7.2	U		7.7	U		7.1	U		7.0	U		6.7	U	
Methylene chloride	199	6.9	JB	J	10.3	JB	J	6.0	JB	J	76.4	B	J	38.0	B	J
Naphthalene	45	2.3	U		2.4	U		2.2	U		2.2	U		2.1	U	
n-Propylbenzene	NV [4]	1.4	U		1.4	U		1.3	U		1.3	U		1.3	U	
1,3,5-Trimethylbenzene	780 [3]	1.1	U		1.2	U		1.1	U		1.1	U		1.0	U	
Semi-Volatile Organic Compounds (8270C)	**mg/kg**	**µg/kg**			**µg/kg**			**µg/kg**			**µg/kg**			**µg/kg**		
Dibenzofuran	78 [3]	39	U		40	U		39	U		41	U		38	U	
Total Petroleum Hydrocarbons (8015)	**mg/kg**	**mg/kg**			**mg/kg**			**mg/kg**			**mg/kg**			**mg/kg**		
Gasoline Range Organics (C6-C10)	940 [5]	3.4	U		3.6	U		3.2	U		4.0	U		3.1	U	
Diesel Range Organics (C10-C22)	940 [5]	6.0	U		40.6			6.1	U		6.3	U		5.9	U	
Oil Range Organics (>C22-C36)	940 [5]	6.0	U		6.2	U		6.1	U		6.3	U		5.9	U	
General Chemistry (160.3)	**%**	**%**			**%**			**%**			**%**			**%**		
Solids, Percent	NV	83.6			81.5			82.3			80.2			85.8		

Notes:

NMED = New Mexico Environment Department
µg/kg = micrograms per kilogram
mg/kg = milligrams per kilogram
NV = No Value
% = percent
Q = Laboratory Qualifier
Q1 = Validating Chemist Qualifier

Qualifiers
U = Not detected
J = Indicates an estimated value
B = Analyte detected in the associated method blank

Client Sample Nomenclature
WPOL = West Petroleum Oil & Lubricants Yard
SB = Soil Boring
A = Denotes a field duplicate sample

[1] NMED, December 2009. Technical Background Document for Development of Soil Screening Levels (SSL), Revision 5.0.
[2] If results are not detected (U) then the value is set at the Method Detection Limit (MDL)
[3] USEPA Region 3, 6, and 9 Regional Screening Levels (RSLs) (December, 2009)
[4] No Value established for NMED Residential SSL (December, 2009) and USEPA RSL (December, 2009)
[5] NMED TPH Screening Guidelines for Kerosene and Jet Fuel, Residential Direct Exposure, Table 2b (October, 2006)
Bold value indicates analytes above NMED SSLs (Rev 5.0, December 2009) or TPH results above NMED TPH Screening Guidelines (October, 2006)
Indicates that the combined TPH-GRO/DRO/ORO results exceed the NMED TPH Screening Guidelines (Kerosene and Jet Fuel, Residential Direct Exposure

Table 7-3
ACM Soil Boring Analytical Results (August-October 2009)
West POL ACM Completion Report
Holloman AFB, New Mexico
NationView Project No.: 8090012

Client Sample Identification:	**Soil Screening Levels**	**WPOL-SB26-2**			**WPOL-SB26-10**			**WPOL-SB27-6**			**WPOL-SB27-9**			**WPOL-SB28-3**		
Lab Sample Identification:	**NMED Residential[1]**	**F67531-9**			**F67531-10**			**F67545-3**			**F67545-4**			**F67545-5**		
Date Sampled:		**8/24/2009**			**8/24/2009**			**8/24/2009**			**8/24/2009**			**8/24/2009**		
Analyte		**Result [2]**	**Q**	**Q1**	**Result [2]**	**Q**	**Q1**	**Result [2]**	**Q**	**Q1**	**Result [2]**	**Q**	**Q1**	**Result [2]**	**Q**	**Q1**
Volatile Organic Compounds (8260B)	**mg/kg**	**µg/kg**			**µg/kg**			**µg/kg**			**µg/kg**			**µg/kg**		
Acetone	67,500	24.4	J		26	U		25	U		28	U		1,800	U	
n-Butylbenzene	NV [4]	1.3	U		1.4	U		1.4	U		1.6	U		1,750		
sec-Butylbenzene	NV [4]	1.0	U		1.1	U		44.2			1.2	U		2,040		
Carbon disulfide	1,940	1.0	U		1.1	U		4.0	J	J	4.1	J	J	81	U	
Ethylbenzene	69.7	0.94	U		1.0	U		1.0	U		1.1	U		74	U	
2-Hexanone	210 [3]	4.7	U		5.1	U		5.1	U		5.6	U		370	U	
Hexane	1,250	2.3	U		2.5	U		8.7		J	5.2	J	J	180	U	
Isopropylbenzene	3,210	1.0	U		1.1	U		1.3	J		1.2	U		543		
p-Isopropyltoluene	NV [4]	1.0	U		1.1	U		1.1	U		1.2	U		81	U	
4-Methyl-2-pentanone	5,950	6.0	U		6.6	U		6.5	U		14.6	J		470	U	
Methylene chloride	199	4.7	U		21.9	B	J	26.6	B	J	25.8	B	J	371	JB	J
Naphthalene	45	1.9	U		2.0	U		2.0	U		2.2	U		343	J	
n-Propylbenzene	NV [4]	1.1	U		1.2	U		1.2	U		1.3	U		802		
1,3,5-Trimethylbenzene	780 [3]	0.94	U		1.0	U		1.0	U		1.1	U		74	U	
Semi-Volatile Organic Compounds (8270C)	**mg/kg**	**µg/kg**			**µg/kg**			**µg/kg**			**µg/kg**			**µg/kg**		
Dibenzofuran	78 [3]	39	U		40	U		39	U		41	U		150	U	
Total Petroleum Hydrocarbons (8015)	**mg/kg**	**mg/kg**			**mg/kg**			**mg/kg**			**mg/kg**			**mg/kg**		
Gasoline Range Organics (C6-C10)	940 [5]	3.1	U		3.2	U		67.7		J	3.3	U		197		J
Diesel Range Organics (C10-C22)	940 [5]	5.9	U		6.1	U		71.1			6.1	U		428		
Oil Range Organics (>C22-C36)	940 [5]	12.1			6.1	U		6.0	U		6.1	U		58	U	
General Chemistry (160.3)	**%**	**%**			**%**			**%**			**%**			**%**		
Solids, Percent	NV	85.0			82.2			83.1			80.3			86.8		

Notes:

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µg/kg = micrograms per kilogram
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Qualifiers
U = Not detected
J = Indicates an estimated value
B = Analyte detected in the associated method blank

Client Sample Nomenclature
WPOL = West Petroleum Oil & Lubricants Yard
SB = Soil Boring
A = Denotes a field duplicate sample

[1] NMED, December 2009. Technical Background Document for Development of Soil Screening Levels (SSL), Revision 5.0.
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[4] No Value established for NMED Residential SSL (December, 2009) and USEPA RSL (December, 2009)
[5] NMED TPH Screening Guidelines for Kerosene and Jet Fuel, Residential Direct Exposure, Table 2b (October, 2006)
Bold value indicates analytes above NMED SSLs (Rev 5.0, December 2009) or TPH results above NMED TPH Screening Guidelines (October, 2006)
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Table 7-3
ACM Soil Boring Analytical Results (August-October 2009)
West POL ACM Completion Report
Holloman AFB, New Mexico
NationView Project No.: 8090012

Client Sample Identification:	**Soil Screening Levels**	**WPOL-SB28-9**			**WPOL-SB29 6"**			**WPOL-SB29 BOTTOM**			**WPOL-SB30-6'**			**WPOL-SB30-BOTTOM**		
Lab Sample Identification:	**NMED Residential[1]**	**F67545-6**			**F68565-1**			**F68565-2**			**F68654-1**			**F68654-2**		
Date Sampled:		**8/24/2009**			**10/6/2009**			**10/6/2009**			**10/8/2009**			**10/8/2009**		
Analyte		**Result [2]**	**Q**	**Q1**	**Result [2]**	**Q**	**Q1**	**Result [2]**	**Q**	**Q1**	**Result [2]**	**Q**	**Q1**	**Result [2]**	**Q**	**Q1**
Volatile Organic Compounds (8260B)	**mg/kg**	**µg/kg**			**µg/kg**			**µg/kg**			**µg/kg**			**µg/kg**		
Acetone	67,500	1,800	U		29	U		33	U		28	U		28	U	
n-Butylbenzene	NV [4]	2,010			1.6	U		1.9	U		1.6	U		1.6	U	
sec-Butylbenzene	NV [4]	2,070			5.4	J		1.5	U		1.2	U		1.2	U	
Carbon disulfide	1,940	80	U		4.4	J		1.5	U		1.2	U		1.2	U	
Ethylbenzene	69.7	146	J		1.2	U		1.3	U		1.1	U		1.1	U	
2-Hexanone	210 [3]	360	U		5.9	U		6.7	U		5.7	U		5.6	U	
Hexane	1,250	170	U		2.8	U		3.2	U		2.7	U		2.7	U	
Isopropylbenzene	3,210	818			1.3	U		1.5	U		1.2	U		1.2	U	
p-Isopropyltoluene	NV [4]	284	J		1.3	U		1.5	U		1.2	U		1.2	U	
4-Methyl-2-pentanone	5,950	470	U		7.5	U		8.5	U		7.3	U		7.1	U	
Methylene chloride	199	551	JB	J	5.9	U		6.7	U		5.7	U		5.6	U	
Naphthalene	45	165	J		2.3	U		2.7	U		2.3	U		2.2	U	
n-Propylbenzene	NV [4]	1,210			1.4	U		1.6	U		1.4	U		1.3	U	
1,3,5-Trimethylbenzene	780 [3]	325	J		1.2	U		1.3	U		1.1	U		1.1	U	
Semi-Volatile Organic Compounds (8270C)	**mg/kg**	**µg/kg**			**µg/kg**			**µg/kg**			**µg/kg**			**µg/kg**		
Dibenzofuran	78 [3]	179	J		46	U		45	U		39	U		39	U	
Total Petroleum Hydrocarbons (8015)	**mg/kg**	**mg/kg**			**mg/kg**			**mg/kg**			**mg/kg**			**mg/kg**		
Gasoline Range Organics (C6-C10)	940 [5]	467		J	15.7			4.2	U		3.2	U		3.1	U	
Diesel Range Organics (C10-C22)	940 [5]	249			15.7			7.0	U		6.3	U		6.1	U	
Oil Range Organics (>C22-C36)	940 [5]	31	U		9.78	J		7.0	U		13.3			6.1	U	
General Chemistry (160.3)	**%**	**%**			**%**			**%**			**%**			**%**		
Solids, Percent	NV	79.8			71.9			72.8			78.5			80.8		

Notes:

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mg/kg = milligrams per kilogram
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Q1 = Validating Chemist Qualifier

Qualifiers
U = Not detected
J = Indicates an estimated value
B = Analyte detected in the associated method blank

Client Sample Nomenclature
WPOL = West Petroleum Oil & Lubricants Yard
SB = Soil Boring
A = Denotes a field duplicate sample

[1] NMED, December 2009. Technical Background Document for Development of Soil Screening Levels (SSL), Revision 5.0.
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Table 7-3
ACM Soil Boring Analytical Results (August-October 2009)
West POL ACM Completion Report
Holloman AFB, New Mexico
NationView Project No.: 8090012

Client Sample Identification:	**Soil Screening Levels**	**WPOL-SB31-6'**			**WPOL-SB31A-6'**			**WPOL-SB31-BOTTOM**			**WPOL-SB31A-BOTTOM**		
Lab Sample Identification:	**NMED Residential[1]**	**F68654-3**			**F68654-5**			**F68654-4**			**F68654-6**		
Date Sampled:		**10/8/2009**			**10/8/2009**			**10/8/2009**			**10/8/2009**		
Analyte		**Result [2]**	**Q**	**Q1**	**Result [2]**	**Q**	**Q1**	**Result [2]**	**Q**	**Q1**	**Result [2]**	**Q**	**Q1**
Volatile Organic Compounds (8260B)	**mg/kg**	**µg/kg**			**µg/kg**			**µg/kg**			**µg/kg**		
Acetone	67,500	1,300	U		1,900	U		35	U		29	U	
n-Butylbenzene	NV [4]	1,760		J	4,590		J	54.3			56.2		
sec-Butylbenzene	NV [4]	1,800		J	3,700		J	62.7			65.7		
Carbon disulfide	1,940	57	U		82	U		1.5	U		1.3	U	
Ethylbenzene	69.7	52	U		75	U		1.4	U		1.1	U	
2-Hexanone	210 [3]	260	U		370	U		6.9	U		5.7	U	
Hexane	1,250	120	U		180	U		3.3	U		2.8	U	
Isopropylbenzene	3,210	579		J	1,400		J	19.6			26.3		
p-Isopropyltoluene	NV [4]	57	U		126	J		1.7	J		2.5	J	
4-Methyl-2-pentanone	5,950	330	U		480	U		8.9	U		7.3	U	
Methylene chloride	199	412	J	J	1,150	B	J	6.9	U		5.7	U	
Naphthalene	45	184	J	J	367	J	J	5.1	J		4.0	J	
n-Propylbenzene	NV [4]	1,130		J	2,750		J	32.0			40.3		
1,3,5-Trimethylbenzene	780 [3]	150	J		226	J		1.4	U		2.9	J	
Semi-Volatile Organic Compounds (8270C)	**mg/kg**	**µg/kg**			**µg/kg**			**µg/kg**			**µg/kg**		
Dibenzofuran	78 [3]	209	J		150	U		41	U		47	U	
Total Petroleum Hydrocarbons (8015)	**mg/kg**	**mg/kg**			**mg/kg**			**mg/kg**			**mg/kg**		
Gasoline Range Organics (C6-C10)	940 [5]	760			3.5	U		16.7			12.7		
Diesel Range Organics (C10-C22)	940 [5]	465			383			6.7	U		17.8		
Oil Range Organics (>C22-C36)	940 [5]	62	U		62	U		6.7	U		6.5	U	
General Chemistry (160.3)	**%**	**%**			**%**			**%**			**%**		
Solids, Percent	NV	80.3			80.4			75.8			77.5		

Notes:

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µg/kg = micrograms per kilogram
mg/kg = milligrams per kilogram
NV = No Value
% = percent
Q = Laboratory Qualifier
Q1 = Validating Chemist Qualifier

Qualifiers
U = Not detected
J = Indicates an estimated value
B = Analyte detected in the associated method blank

Client Sample Nomenclature
WPOL = West Petroleum Oil & Lubricants Yard
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[3] USEPA Region 3, 6, and 9 Regional Screening Levels (RSLs) (December, 2009)
[4] No Value established for NMED Residential SSL (December, 2009) and USEPA RSL (December, 2009)
[5] NMED TPH Screening Guidelines for Kerosene and Jet Fuel, Residential Direct Exposure, Table 2b (October, 2006)
Bold value indicates analytes above NMED SSLs (Rev 5.0, December 2009) or TPH results above NMED TPH Screening Guidelines (October, 2006)
Indicates that the combined TPH-GRO/DRO/ORO results exceed the NMED TPH Screening Guidelines (Kerosene and Jet Fuel, Residential Direct Exposure

Table 8-1
2006 Excavation Confirmation and Stockpile Soil Analytical Results (Bhate)
West POL ACM Completion Report
Holloman AFB, New Mexico
NationView Project No.: 8090012

Client Sample Identification:	**Soil Screening Levels**	**WPOL-SW20**	**WPOL-SW21**	**WPOL-SW22**	**WPOL-SW23A**	**WPOL-SW23B**	**WPOL-SW23C**	**WPOL-SW24**	**WPOL-SW25**
Lab Sample Identification:	**NMED Residential[1]**	**680-20904-6**	**680-20904-7**	**680-20904-8**	**680-21196-1**	**680-21196-2**	**680-21196-3**	**680-20904-9**	**680-21081-1**
Date Sampled:		**10/5/2006**	**10/5/2006**	**10/5/2006**	**10/17/2006**	**10/17/2006**	**10/17/2006**	**10/5/2006**	**10/12/2006**
Analyte		**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
Volatile Organic Compounds (8260B)	**mg/kg**	**µg/kg**	**µg/kg**	**µg/kg**	**µg/kg**	**µg/kg**	**µg/kg**	**µg/kg**	**µg/kg**
n-Butylbenzene	NV [2]	9,100	ND	340 J	ND	ND	ND	ND	ND
sec-Butylbenzene	NV [2]	7,900	1.7 J	470 J	ND	ND	ND	ND	ND
1-Chlorohexane	NV [2]	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	1,940	ND	3.5 J	ND	ND	ND	ND	ND	ND
Ethylbenzene	69.7	2,600	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	210 [3]	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	3,210	2,000	ND	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	NV [2]	6,500	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	199	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	45	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	NV [2]	3,400	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	62 [3]	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	780 [3]	4,100	ND	ND	ND	ND	ND	ND	ND
m-Xylene & p-Xylene	NV [2]	ND	ND	ND	ND	ND	ND	ND	ND
Semi-Volatile Organic Compounds (8270C)	**mg/kg**	**µg/kg**	**µg/kg**	**µg/kg**	**µg/kg**	**µg/kg**	**µg/kg**	**µg/kg**	**µg/kg**
Benzo[g,h,i]perylene	NV [2]	ND	ND	ND	ND	ND	ND	ND	29 J
Fluorene	2,290	170 J	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	310 [3]	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	45	ND	ND	ND	ND	ND	ND	ND	ND
Total Petroleum Hydrocarbons (8015)	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**
Gasoline Range Organics (C6-C10)	940 [4]	**1,000**	0.44	34	ND	ND	ND	0.14 J	ND
Diesel Range Organics (C10-C28)	940 [4]	**3,900**	4.5 J	340	20	3.7 J	ND	2.8 J	20
Oil Range Organics (C20-C36)	940 [4]	ND	ND	ND	ND	ND	ND	ND	70
General Chemistry (160.3)	**%**	**%**	**%**	**%**	**%**	**%**	**%**	**%**	**%**
Percent Moisture	NV [2]	34	29	30	24	23	24	27	16
Percent Solids	NV [2]	66	71	70	76	77	76	73	84

Notes:
NMED = New Mexico Environment Department
USEPA = U.S. Environmental Protection Agency
µg/kg = micrograms per kilogram
mg/kg = milligrams per kilogram
NV = No Value
ND = Not detected
SSL = Soil Screening Level
TPH = Total Petroleum Hydrocarbons
Laboratory Qualifiers
J = Indicates an estimated value
Client Sample Nomenclature
WPOL = West Petroleum, Oil, and Lubricants Yard
SW = Sidewall Sample

[1] NMED, December 2009. Technical Background Document for Development of Soil Screening Levels (SSL), Revision 5.0.
[2] No Value established for NMED Residential SSL (December, 2009) and USEPA Region 3, 6, and 9 Regional Screening Levels (RSLs) (December, 2009)
[3] USEPA Region 3, 6, and 9 RSLs (December, 2009)
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Table 8-1
2006 Excavation Confirmation and Stockpile Soil Analytical Results (Bhate)
West POL ACM Completion Report
Holloman AFB, New Mexico
NationView Project No.: 8090012

Client Sample Identification:	**Soil Screening Levels**	**WPOL-SW26**	**WPOL-SW27**	**WPOL-SW28**	**WPOL-SW29**	**WPOL-SW30**	**WPOL-SW31**	**WPOL-STOCKPILE**
Lab Sample Identification:	**NMED**	**680-21081-2**	**680-21081-3**	**680-21081-4**	**680-21161-1**	**680-21161-2**	**680-21161-3**	**680-20904-11**
Date Sampled:	**Residential[1]**	**10/12/2006**	**10/12/2006**	**10/12/2006**	**10/16/2006**	**10/16/2006**	**10/16/2006**	**10/5/2006**
Analyte		**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
Volatile Organic Compounds (8260B)	**mg/kg**	**µg/kg**	**µg/kg**	**µg/kg**	**µg/kg**	**µg/kg**	**µg/kg**	**µg/kg**
n-Butylbenzene	NV [2]	21,000	9,200	2,600	ND	ND	ND	820
sec-Butylbenzene	NV [2]	10,000	4,800	1,600	ND	ND	ND	1,000
1-Chlorohexane	NV [2]	ND	ND	160 J	ND	ND	ND	ND
Carbon disulfide	1,940	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	69.7	4,900	2,100	330	ND	ND	ND	200 J
2-Hexanone	210 [3]	ND	ND	1,000 J	ND	ND	ND	ND
Isopropylbenzene	3,210	3,500	1,500	310	ND	ND	ND	380 J
p-Isopropyltoluene	NV [2]	9,800	5,200	1,500	ND	ND	ND	ND
Methylene Chloride	199	ND	ND	110 J	ND	ND	ND	ND
Naphthalene	45	17,000	7,600	3,700	ND	ND	ND	ND
n-Propylbenzene	NV [2]	6,900	3,000	620	ND	ND	ND	710 J
1,2,4-Trimethylbenzene	62 [3]	48,000	22,000	2,200	ND	ND	ND	ND
1,3,5-Trimethylbenzene	780 [3]	8,200	5,000	690	ND	ND	ND	330 J
m-Xylene & p-Xylene	NV [2]	2,000 J	860 J	110 J	ND	ND	ND	ND
Semi-Volatile Organic Compounds (8270C)	**mg/kg**	**µg/kg**	**µg/kg**	**µg/kg**	**µg/kg**	**µg/kg**	**µg/kg**	**µg/kg**
Benzo[g,h,i]perylene	NV [2]	ND	ND	ND	ND	ND	ND	ND
Fluorene	2,290	ND	100 J	ND	ND	ND	ND	ND
2-Methylnaphthalene	310 [3]	9,000	6,700	2,800	ND	ND	ND	ND
Naphthalene	45	4,000 J	2,600	1,100	ND	ND	ND	ND
Total Petroleum Hydrocarbons (8015)	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**
Gasoline Range Organics (C6-C10)	940 [4]	830	700	620	ND	ND	ND	85
Diesel Range Organics (C10-C28)	940 [4]	**2,800**	**1,800**	660	ND	ND	ND	260
Oil Range Organics (C20-C36)	940 [4]	ND	ND	ND	ND	ND	ND	ND
General Chemistry (160.3)	**%**	**%**	**%**	**%**	**%**	**%**	**%**	**%**
Percent Moisture	NV [2]	31	29	30	30	28	27	28
Percent Solids	NV [2]	69	71	70	70	72	73	72

Notes:
NMED = New Mexico Environment Department
USEPA = U.S. Environmental Protection Agency
µg/kg = micrograms per kilogram
mg/kg = milligrams per kilogram
NV = No Value
ND = Not detected
SSL = Soil Screening Level
TPH = Total Petroleum Hydrocarbons
Laboratory Qualifiers
J = Indicates an estimated value
Client Sample Nomenclature
WPOL = West Petroleum, Oil, and Lubricants Yard
SW = Sidewall Sample

[1] NMED, December 2009. Technical Background Document for Development of Soil Screening Levels (SSL), Revision 5.0.
[2] No Value established for NMED Residential SSL (December, 2009) and USEPA Region 3, 6, and 9 Regional Screening Levels (RSLs) (December, 2009)
[3] USEPA Region 3, 6, and 9 Regional Screening Levels (RSLs) (December, 2009)
[4] NMED TPH Screening Guidelines for Kerosene and Jet Fuel, Residential Direct Exposure, Table 2b (October, 2006)
Bold value indicates analytes above NMED SSLs (Rev 5.0, December 2009) or TPH results above NMED TPH Screening Guidelines (October, 2006)
Indicates that the combined TPH-GRO/DRO/ORO results exceed the NMED TPH Screening Guidelines (Kerosene and Jet Fuel, Residential Direct Exposure

Table 8-2
2010 Excavation Confirmation Soil Analytical Results (NationView)
West POL ACM Completion Report
Holloman AFB, New Mexico
NationView Project No.: 8090012

Client Sample Identification:	Soil Screening Levels	WPOL-SW 1-8'		WPOL-SW 2-8'		WPOL-SW 3-8'		WPOL-SW 4-8'		WPOL-SW 5-8'		WPOL-SW 6-8'		WPOL-SW 7-8'		WPOL-SW 8-8'		WPOL-BOTTOM 1-9.5	
Lab Sample Identification:	NMED Residential[1]	F71886-1		F71886-2		F71886-3		F71886-4		F71886-5		F71886-6		F71886-7		F71886-8		F71886-9	
Date Sampled:		3/5/2010		3/5/2010		3/5/2010		3/5/2010		3/5/2010		3/5/2010		3/5/2010		3/5/2010		3/5/2010	
Analyte		Result [2]	Q	Result [2]	Q	Result [2]	Q	Result [2]	Q	Result [2]	Q	Result [2]	Q	Result [2]	Q	Result [2]	Q	Result [2]	Q
Volatile Organic Compounds (8260B)	**mg/kg**	**µg/kg**		**µg/kg**		**µg/kg**		**µg/kg**		**µg/kg**		**µg/kg**		**µg/kg**		**µg/kg**		**µg/kg**	
All VOCs	NV	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Semi-Volatile Organic Compounds (8270C)	**mg/kg**	**µg/kg**		**µg/kg**		**µg/kg**		**µg/kg**		**µg/kg**		**µg/kg**		**µg/kg**		**µg/kg**		**µg/kg**	
All SVOCs	NV	ND		ND		ND		ND		ND		ND		ND		ND		ND	
Total Petroleum Hydrocarbons (8015)	**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)	940 [3]	3.3	U	3.2	U	3.2	U	3.6	U	9.87		5.01	J	3.1	U	2.8	U	3.6	U
Diesel Range Organics (C10-C22)	940 [3]	6.1	U	6.0	U	6.1	U	9.37	J	11.1		7.98	J	22.5		5.8	U	6.0	U
Oil Range Organics (>C22-C36)	940 [3]	6.1	U	6.0	U	6.1	U	6.2	U	6.2	U	6.3	U	6.0	U	5.8	U	11.1	
General Chemistry (160.3)	**%**	**%**		**%**		**%**		**%**		**%**		**%**		**%**		**%**		**%**	
Solids, Percent	NV	81.8		82.5		82.3		79.6		79.4		78.1		83.5		86.1		81.6	

Notes:
NMED = New Mexico Environment Department
µg/kg = micrograms per kilogram
mg/kg = milligrams per kilogram
% = percent
NV = No Value
ND = Entire analyte list not detectec
VOC = Volatile Organic Compound
SVOC = Semi-Volatile Organic Compound
Q = Qualifier
Laboratory Qualifiers
U = Not detected
J = Indicates an estimated value
Client Sample Nomenclature
WPOL = West Petroleum Oil and Lubricants Yard
SW = Sidewall Sample
Final digit = Sample collection depth (feet below ground surface)

[1] NMED, December 2009. Technical Background Document for Development of Soil Screening Levels (SSL), Revision 5.0.
[2] If results are not detected (U) then the value is set at the Method Detection Limit (MDL)
[3] NMED TPH Screening Guidelines for Kerosene and Jet Fuel, Residential Direct Exposure, Table 2b (October, 2006)
Bold value indicates analytes above NMED SSLs (Rev 5.0, December 2009) or TPH results above NMED TPH Screening Guidelines (October, 2006)
Indicates that the combined TPH-GRO/DRO/ORO results exceed the NMED TPH Screening Guidelines (Kerosene and Jet Fuel, Residential Direct Exposure

Table 9-1(a)
Soil Analytical Results for Chemicals Detected At Least Once
West POL ACM Completion Report
Holloman AFB, New Mexico
NationView Project No.: 8090012

Sample Identification	EX04	EX05	EX08	EX09A	EX09B	EX11A	EX12A	EX13	EX14	EX15	EX16	EX17	EX18
Date Sampled	**12/16/2002**	**12/16/2002**	**12/16/2002**	**12/18/2002**	**12/18/2002**	**12/26/2002**	**12/26/2002**	**12/16/2002**	**12/16/2002**	**12/16/2002**	**12/16/2002**	**12/16/2002**	**12/16/2002**
Depth (ft bgs)	**3 - 5**	**3 - 5**	**3 - 5**	**3 - 5**	**3 - 5**	**3 - 5**	**3 - 5**	**3 - 5**	**3 - 5**	**3 - 5**	**3 - 5**	**3 - 5**	**3 - 5**
VOCs (mg/kg)													
1,2,4-Trimethylbenzene	**0.016**	<0.5	<0.005	**0.437**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.45	<0.005	<0.005	**24.2**
1,3,5-Trimethylbenzene	<0.005	<0.5	<0.005	**0.445**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.45	<0.005	<0.005	**99.6**
1-Chlorohexane	<0.005	<0.5	<0.005	<0.5	<0.005	<0.005	<0.005	<0.005	<0.005	<0.45	<0.005	<0.005	<2.365
2-Hexanone	<0.005	<0.5	<0.005	<0.5	<0.005	<0.005	<0.005	<0.005	<0.005	<0.45	<0.005	<0.005	<2.365
4-Methyl-2-pentanone	<0.005	<0.5	<0.005	<0.5	<0.005	<0.005	<0.005	<0.005	<0.005	<0.45	<0.005	<0.005	<2.365
Acetone	<0.005	<0.5	<0.005	<0.5	<0.005	<0.005	<0.005	<0.005	<0.005	<0.45	<0.005	<0.005	<2.365
Carbon disulfide	<0.005	<0.5	<0.005	<0.5	<0.005	<0.005	<0.005	<0.005	<0.005	<0.45	<0.005	<0.005	<2.365
Ethylbenzene	**0.052**	<0.5	<0.005	**1.8**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.45	<0.005	<0.005	**12.4**
Hexane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	**0.019**	<0.5	<0.005	**1.07**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.45	<0.005	<0.005	**6.86**
Methyl ethyl ketone	<0.1	<10	<0.1	<10	<0.1	<0.1	<0.1	<0.1	<0.1	<9	<0.1	<0.1	<47.3
Methylene chloride	<0.005	<0.5	<0.005	<0.5	<0.005	<0.005	<0.005	<0.005	<0.005	<0.45	<0.005	<0.005	<2.365
Naphthalene	**0.012**	<0.5	<0.005	**2.69**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.45	<0.005	<0.005	**46.5**
n-Butylbenzene	**0.0033 J**	<0.5	<0.005	**0.732**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.45	<0.005	<0.005	**38.9**
n-Propylbenzene	**0.015**	<0.5	<0.005	**1.85**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.45	<0.005	<0.005	**10.2**
p-Isopropyltoluene	**0.0012 J**	<0.5	<0.005	**1.15**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.45	<0.005	<0.005	**29.4**
sec-Butylbenzene	**0.01**	<0.5	<0.005	**2.21**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.45	<0.005	<0.005	**21.6**
Tetrachloroethylene	<0.005	<0.5	<0.005	<0.5	<0.005	<0.005	<0.005	<0.005	<0.005	<0.45	<0.005	<0.005	<2.365
o-Xylene	NA	NA	NA	<0.5	<0.005	NA	NA	NA	NA	NA	NA	NA	NA
m,p-Xylene	NA	NA	NA	<0.5	<0.005	NA	NA	NA	NA	NA	NA	NA	NA
Xylenes (total)	**0.014**	<0.5	<0.005	<0.5	<0.005	<0.005	<0.005	<0.005	<0.005	<0.45	<0.005	<0.005	**12.7**
SVOCs (mg/kg)													
2-Methylnaphthalene	<0.999	<0.999	<0.999	**2.64**	**0.624**	<0.999	<0.999	<0.999	<0.999	<0.999	<0.999	<0.999	**31.1**
Benzo[g,h,i]perylene	<0.999	<0.999	<0.999	<0.999	<0.999	<0.999	<0.999	<0.999	<0.999	<0.999	<0.999	<0.999	<0.999
Dibenzofuran	<0.999	<0.999	<0.999	<0.999	<0.999	<0.999	<0.999	<0.999	<0.999	<0.999	<0.999	<0.999	<0.999
Diethyl phthalate	<0.999	<0.999	<0.999	<0.999	<0.999	<0.999	<0.999	<0.999	<0.999	<0.999	<0.999	<0.999	<0.999
Fluorene	<0.999	<0.999	<0.999	<0.999	<0.999	<0.999	<0.999	<0.999	<0.999	<0.999	<0.999	<0.999	<0.999
Naphthalene	<0.999	<0.999	<0.999	**1.16**	<0.999	<0.999	<0.999	<0.999	<0.999	<0.999	<0.999	<0.999	**14.5**
TPHs (mg/kg)													
TPH-GRO (C6-C10)	<20	<20	<20	**600**	<20	<20	<20	<20	**41**	**175**	<20	<20	**7,790**
TPH-DRO (C10-C22)	<30	<30	<30	**225**	**36**	<30	<30	<30	**65**	**147**	<30	<30	**23,600**
TPH-ORO (>C22-C36)	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50

Notes:
B = Indicates analyte found in associated method Blank
ft Bgs = Feet Below ground surface
J = Indicates an estimated value
mg/kg = Milligrams per kilogram
NA = Not analyzed
Value in bold = Detected
VOCs = Volatile Organic Compounds

SVOCs = Semi-Volatile Organic Compounds

TPHs = Total Petroleum Hydrocarbons
EX = Excavation Confirmation Sample
SB = Soil Boring Sample
SW = Sidewall (Excavation Confirmation) Sample
A/FD = Denotes a field duplicate sample
GRO = Gasoline range organics
DRO = Diesel range organics
ORO = Oil range organics
< = Not detected - Reporting Limit shown

Table 9-1(a)
Soil Analytical Results for Chemicals Detected At Least Once
West POL ACM Completion Report
Holloman AFB, New Mexico
NationView Project No.: 8090012

Sample Identification	EX18A	SB01	SB01	SB01	SB03	SB03	SB03	SB04	SB04	SB04	SB05	SB05	SB05
Date Sampled	**12/26/2002**	**10/5/2005**	**10/5/2005**	**10/5/2005**	**10/5/2005**	**10/5/2005**	**10/5/2005**	**10/5/2005**	**10/5/2005**	**10/5/2005**	**10/5/2005**	**10/5/2005**	**10/5/2005**
Depth (ft bgs)	**3 - 5**	**0.8 -1.7**	**2.8 - 3.1**	**5.3 - 6**	**0.8 - 1.1**	**2.7 - 3.3**	**5.1 - 5.8**	**0.3 - 0.8**	**2.0 - 2.8**	**5.2 - 5.8**	**0.3 - 0.8**	**3.2 - 3.9**	**5 - 5.5**
VOCs (mg/kg)													
1,2,4-Trimethylbenzene	<0.5	<0.0072	**0.0128**	**0.854**	<0.0072	<0.0073	**0.0491**	<0.0068	<0.0056	**0.0047 J**	**0.158**	<0.0062	<0.0066
1,3,5-Trimethylbenzene	<0.5	<0.0072	<0.0071	<0.46	<0.0072	<0.0073	**0.0042 J**	<0.0068	<0.0056	<0.0061	**0.0541**	<0.0062	<0.0066
1-Chlorohexane	<0.5	<0.0072	<0.0071	<0.46	<0.0072	<0.0073	<0.007	<0.0068	<0.0056	<0.0061	<0.007	<0.0062	<0.0066
2-Hexanone	<0.5	<0.036	<0.035	<2.3	<0.036	<0.037	<0.035	<0.034	<0.028	<0.03	<0.035	<0.031	<0.033
4-Methyl-2-pentanone	<0.5	<0.036	<0.035	<2.3	<0.036	<0.037	<0.035	<0.034	<0.028	<0.03	<0.035	<0.031	<0.033
Acetone	<0.5	<0.072	<0.071	<4.6	<0.072	<0.073	<0.07	<0.068	<0.056	<0.061	**0.0381 J**	<0.062	<0.066
Carbon disulfide	<0.5	**0.006 J**	<0.0071	<0.46	<0.0072	**0.0039 J**	**0.008**	<0.0068	<0.0056	**0.0058 J**	**0.0061 J**	<0.0062	<0.0066
Ethylbenzene	<0.5	<0.0072	<0.0071	**0.809**	<0.0072	<0.0073	**0.0286**	<0.0068	<0.0056	**0.0094**	**0.0452**	<0.0062	<0.0066
Hexane	NA	<0.0072	<0.0071	<0.46	<0.0072	<0.0073	<0.007	<0.0068	<0.0056	<0.0061	<0.007	<0.0062	<0.0066
Isopropylbenzene	<0.5	<0.0072	<0.0071	**0.765**	<0.0072	<0.0073	**0.0065 J**	<0.0068	<0.0056	**0.013**	**0.0332**	<0.0062	<0.0066
Methyl ethyl ketone	<10	<0.036	<0.035	<2.3	<0.036	<0.037	**0.0353 J**	<0.034	<0.028	<0.03	<0.035	<0.031	<0.033
Methylene chloride	<0.5	<0.014	<0.014	<0.93	<0.014	<0.015	<0.014	<0.014	<0.011	<0.012	<0.014	<0.012	<0.013
Naphthalene	<0.5	<0.0072	**0.022 B**	**0.609 B**	**0.0066 JB**	**0.0074 B**	**0.056 B**	<0.0068	<0.0056	**0.0032 J**	**0.109 B**	<0.0062	<0.0066
n-Butylbenzene	<0.5	<0.0072	**0.0069 J**	**2.01**	<0.0072	<0.0073	**0.005 J**	<0.0071	<0.0056	<0.0061	**0.0306**	<0.0062	<0.0066
n-Propylbenzene	<0.5	<0.0072	**0.0029 J**	**1.23**	<0.0072	<0.0073	**0.0078**	<0.0068	<0.0056	**0.0114**	**0.0455**	<0.0062	<0.0066
p-Isopropyltoluene	<0.5	<0.0072	<0.0071	**0.753**	<0.0072	<0.0073	**0.0034 J**	<0.0068	<0.0056	<0.0061	**0.0269**	<0.0062	<0.0066
sec-Butylbenzene	<0.5	<0.0072	**0.008**	**1.75**	<0.0072	**0.0137**	**0.0049 J**	<0.0071	<0.0056	**0.0574**	**0.0401**	<0.0062	<0.0066
Tetrachloroethylene	<0.5	<0.0072	<0.0071	<0.46	<0.0072	<0.0073	<0.007	<0.0068	<0.0056	<0.0061	<0.007	<0.0062	<0.0066
o-Xylene	NA	<0.0072	<0.0071	<0.46	<0.0072	<0.0073	<0.007	<0.0068	<0.0056	<0.0061	<0.007	<0.0062	<0.0066
m,p-Xylene	NA	<0.014	<0.014	<0.93	<0.014	<0.015	**0.0163**	<0.014	<0.011	<0.012	**0.0054 J**	<0.012	<0.013
Xylenes (total)	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs (mg/kg)													
2-Methylnaphthalene	<0.999	<0.23	<0.22	**0.415**	<0.23	<0.24	<0.22	<0.22	<0.23	<0.22	<0.22	<0.22	<0.22
Benzo[g,h,i]perylene	<0.999	<0.23	<0.22	<0.24	<0.23	<0.24	<0.22	<0.22	<0.23	<0.22	<0.22	<0.22	<0.22
Dibenzofuran	<0.999	<0.23	<0.22	**0.0933 J**	<0.23	<0.24	<0.22	<0.22	<0.23	<0.22	<0.22	<0.22	<0.22
Diethyl phthalate	<0.999	<0.45	<0.45	<0.48	**0.712**	<0.48	<0.45	**1.15**	<0.45	<0.45	<0.44	<0.43	<0.45
Fluorene	<0.999	<0.23	<0.22	<0.24	<0.23	<0.24	<0.22	<0.22	<0.23	<0.22	<0.22	<0.22	<0.22
Naphthalene	<0.999	<0.23	<0.22	**0.131 J**	<0.23	<0.24	<0.22	<0.22	<0.23	<0.22	<0.22	<0.22	<0.22
TPHs (mg/kg)													
TPH-GRO (C6-C10)	<20	<8.6	<8.7	**167**	<9.2	<9.5	<9.1	<8.1	<8.3	**16.5**	**10.8**	<8.3	<8.3
TPH-DRO (C10-C22)	<30	<11	<11	**81.4**	**8.24 J**	<12	<11	<11	<11	**41**	**43.7**	<11	<11
TPH-ORO (>C22-C36)	<50	<11	<11	<24	**7.93 J**	<12	<11	<11	<11	<11	<11	<11	<11

Notes:
B = Indicates analyte found in associated method Blank
ft Bgs = Feet Below ground surface
J = Indicates an estimated value
mg/kg = Milligrams per kilogram
NA = Not analyzed
Value in bold = Detected
VOCs = Volatile Organic Compounds

SVOCs = Semi-Volatile Organic Compounds

TPHs = Total Petroleum Hydrocarbons
EX = Excavation Confirmation Sample
SB = Soil Boring Sample
SW = Sidewall (Excavation Confirmation) Sample
A/FD = Denotes a field duplicate sample
GRO = Gasoline range organics
DRO = Diesel range organics
ORO = Oil range organics
< = Not detected - Reporting Limit shown

Table 9-1(a)
Soil Analytical Results for Chemicals Detected At Least Once
West POL ACM Completion Report
Holloman AFB, New Mexico
NationView Project No.: 8090012

Sample Identification	SB06	SB06	SB06	SB07	SB07	SB07	SB08	SB08	SB08	SB09	SB09	SB09	SB10
Date Sampled	**10/5/2005**	**10/5/2005**	**10/5/2005**	**10/5/2005**	**10/5/2005**	**10/5/2005**	**10/5/2005**	**10/5/2005**	**10/5/2005**	**10/6/2005**	**10/6/2005**	**10/6/2005**	**10/6/2005**
Depth (ft bgs)	**2.3 - 3.3**	**0.3 - 1**	**5.2 - 5.8**	**0.3 - 0.8**	**0.8 - 1.7**	**4.3 - 4.7**	**0.3 - 0.7**	**2.8 - 3.3**	**5 - 5.7**	**0.3 - 1.3**	**2.8 - 3.6**	**5.3 - 5.9**	**2.5 - 2.8**
VOCs (mg/kg)													
1,2,4-Trimethylbenzene	<0.0067	<0.0076	<0.0068	<0.0069	<0.0068	**0.532**	<0.0065	<0.0056	<0.0068	<0.0067	<0.0046	<0.0068	<0.0069
1,3,5-Trimethylbenzene	<0.0067	<0.0076	<0.0068	<0.0069	<0.0068	<0.39	<0.0065	<0.0056	<0.0068	<0.0067	<0.0046	<0.0068	<0.0069
1-Chlorohexane	<0.0067	<0.0076	<0.0068	<0.0069	<0.0068	<0.39	<0.0065	<0.0056	<0.0068	<0.0067	<0.0046	<0.0068	<0.0069
2-Hexanone	<0.033	<0.038	<0.034	<0.035	<0.034	<2	<0.032	<0.028	<0.034	<0.033	<0.023	<0.034	<0.034
4-Methyl-2-pentanone	<0.033	<0.038	<0.034	<0.035	<0.034	<2	<0.032	<0.028	<0.034	<0.033	<0.023	<0.034	<0.034
Acetone	<0.067	<0.076	<0.068	<0.069	<0.068	<3.9	<0.065	<0.056	<0.068	<0.067	<0.046	<0.068	<0.069
Carbon disulfide	<0.0067	<0.0076	**0.0045 J**	<0.0069	<0.0068	<0.39	<0.0065	<0.0056	<0.0068	<0.0067	<0.0046	<0.0068	<0.0069
Ethylbenzene	<0.0067	<0.0076	<0.0068	<0.0069	<0.0068	**0.99**	<0.0065	<0.0056	<0.0068	<0.0067	<0.0046	**0.0446**	<0.0069
Hexane	<0.0067	<0.0076	<0.0068	<0.0069	<0.0068	<0.39	<0.0065	<0.0056	<0.0068	<0.0067	<0.0046	<0.0068	<0.0069
Isopropylbenzene	<0.0067	<0.0076	<0.0068	<0.0069	<0.0068	**1.41**	<0.0065	<0.0056	<0.0068	<0.0067	<0.0046	**0.0289**	<0.0069
Methyl ethyl ketone	<0.033	<0.038	<0.034	<0.035	<0.034	<2	<0.032	<0.028	<0.034	<0.033	<0.023	<0.034	<0.034
Methylene chloride	<0.013	<0.015	<0.014	<0.014	<0.014	<0.78	<0.013	<0.011	<0.014	**0.0238**	**0.0122**	**0.0184**	**0.0217**
Naphthalene	<0.0067	<0.0076	<0.0068	<0.0069	**0.0043 JB**	<0.39	<0.0065	<0.0056	<0.0068	<0.0067	**0.0023 JB**	<0.0068	<0.0069
n-Butylbenzene	<0.0067	<0.0076	<0.0068	<0.0069	<0.0068	**1.87**	<0.0065	<0.0056	<0.0068	<0.0067	<0.0046	<0.0068	<0.0069
n-Propylbenzene	<0.0067	<0.0076	<0.0068	<0.0069	<0.0068	**2.44**	<0.0065	<0.0056	<0.0068	<0.0067	<0.0046	**0.0148**	<0.0069
p-Isopropyltoluene	<0.0067	<0.0076	<0.0068	<0.0069	<0.0068	**0.711**	<0.0065	<0.0056	<0.0068	<0.0067	<0.0046	<0.0068	<0.0069
sec-Butylbenzene	<0.0067	<0.0076	<0.0068	<0.0069	<0.0068	**3.43**	<0.0065	<0.0056	<0.0068	<0.0067	<0.0046	**0.0542**	<0.0069
Tetrachloroethylene	<0.0067	**0.0426**	<0.0068	<0.0069	<0.0068	<0.39	<0.0065	<0.0056	<0.0068	<0.0067	<0.0046	<0.0068	<0.0069
o-Xylene	<0.0067	<0.0076	<0.0068	<0.0069	<0.0068	<0.39	<0.0065	<0.0056	<0.0068	<0.0067	<0.0046	<0.0068	<0.0069
m,p-Xylene	<0.013	<0.015	<0.014	<0.014	<0.014	<0.78	<0.013	<0.011	<0.014	<0.013	<0.0093	<0.014	<0.014
Xylenes (total)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs (mg/kg)													
2-Methylnaphthalene	<0.23	<0.25	<0.23	<0.23	<0.23	<0.22	<0.21	<0.22	<0.22	<0.22	<0.22	<0.22	<0.21
Benzo[g,h,i]perylene	<0.23	<0.25	<0.23	<0.23	<0.23	<0.22	<0.21	<0.22	<0.22	<0.22	<0.22	<0.22	<0.21
Dibenzofuran	<0.23	<0.25	<0.23	<0.23	<0.23	**0.159 J**	<0.21	<0.22	<0.22	<0.22	<0.22	<0.22	<0.21
Diethyl phthalate	<0.47	<0.49	<0.46	<0.47	<0.47	<0.43	<0.42	<0.43	<0.44	<0.43	<0.44	<0.44	<0.42
Fluorene	<0.23	<0.25	<0.23	<0.23	<0.23	**0.0535 J**	<0.21	<0.22	<0.22	<0.22	<0.22	<0.22	<0.21
Naphthalene	<0.23	<0.25	<0.23	<0.23	<0.23	<0.22	<0.21	<0.22	<0.22	<0.22	<0.22	<0.22	<0.21
TPHs (mg/kg)													
TPH-GRO (C6-C10)	<9.2	<9.9	<8.8	<8.9	<9.2	**319**	<8	<7.9	<7.9	<8.4	<8.4	**15.2**	<8.1
TPH-DRO (C10-C22)	<12	<12	<12	<12	**7.5 J**	**528**	<11	<11	<11	<11	<11	**116**	<10
TPH-ORO (>C22-C36)	<12	<12	<12	<12	<12	<110	<11	<11	<11	<11	<11	<22	<10

Notes:
B = Indicates analyte found in associated method Blank
ft Bgs = Feet Below ground surface
J = Indicates an estimated value
mg/kg = Milligrams per kilogram
NA = Not analyzed
Value in bold = Detected
VOCs = Volatile Organic Compounds

SVOCs = Semi-Volatile Organic Compounds

TPHs = Total Petroleum Hydrocarbons
EX = Excavation Confirmation Sample
SB = Soil Boring Sample
SW = Sidewall (Excavation Confirmation) Sample
A/FD = Denotes a field duplicate sample
GRO = Gasoline range organics
DRO = Diesel range organics
ORO = Oil range organics
< = Not detected - Reporting Limit shown

Table 9-1(a)
Soil Analytical Results for Chemicals Detected At Least Once
West POL ACM Completion Report
Holloman AFB, New Mexico
NationView Project No.: 8090012

Sample Identification	SB10	SB10	SB11	SB11	SB11	SB12	SB12	SB12	SB13	SB13	SB13	SB14	SB14
Date Sampled	**10/6/2005**	**10/6/2005**	**10/6/2005**	**10/6/2005**	**10/6/2005**	**10/6/2005**	**10/6/2005**	**10/6/2005**	**10/6/2005**	**10/6/2005**	**10/6/2005**	**10/6/2005**	**10/6/2005**
Depth (ft bgs)	**4.7 - 5.2**	**7.8 - 8.7**	**0 - 0.5**	**2.8 - 3.1**	**4.5 - 6.7**	**0.3 - 0.9**	**2.7 - 3.4**	**5.1 - 5.8**	**0.3 - 1.6**	**2.3 - 2.9**	**5 - 5.7**	**0.3 - 0.9**	**2.8 - 3.3**
VOCs (mg/kg)													
1,2,4-Trimethylbenzene	<0.0072	<0.008	<0.0066	<0.0063	<0.0065	<0.0059	<0.0061	<0.0072	<0.0078	<0.0063	<0.007	<0.0061	<0.0065
1,3,5-Trimethylbenzene	<0.0072	<0.008	<0.0066	<0.0063	<0.0065	<0.0059	<0.0061	<0.0072	<0.0078	<0.0063	<0.007	<0.0061	<0.0065
1-Chlorohexane	<0.0072	<0.008	<0.0066	<0.0063	<0.0065	<0.0059	<0.0061	<0.0072	<0.0078	<0.0063	<0.007	<0.0061	<0.0065
2-Hexanone	<0.036	<0.04	<0.033	<0.031	<0.033	<0.03	<0.031	<0.036	<0.039	<0.031	<0.035	<0.031	<0.033
4-Methyl-2-pentanone	<0.036	<0.04	<0.033	<0.031	<0.033	<0.03	<0.031	<0.036	<0.039	<0.031	<0.035	<0.031	<0.033
Acetone	<0.072	<0.08	<0.066	<0.063	<0.065	<0.059	<0.061	<0.072	<0.078	<0.063	<0.07	<0.061	<0.065
Carbon disulfide	<0.0072	<0.008	<0.0066	<0.0063	<0.0065	<0.0059	<0.0061	<0.0072	<0.0078	<0.0063	**0.0059 J**	<0.0061	<0.0065
Ethylbenzene	<0.0072	<0.008	<0.0066	<0.0063	<0.0065	<0.0059	<0.0061	<0.0072	<0.0078	<0.0063	<0.007	<0.0061	<0.0065
Hexane	<0.0072	<0.008	<0.0066	<0.0063	<0.0065	<0.0059	<0.0061	<0.0072	<0.0078	<0.0063	<0.007	<0.0061	<0.0065
Isopropylbenzene	<0.0072	<0.008	<0.0066	<0.0063	<0.0065	<0.0059	<0.0061	<0.0072	<0.0078	<0.0063	**0.0042 J**	<0.0061	<0.0065
Methyl ethyl ketone	<0.036	<0.04	<0.033	<0.031	<0.033	<0.03	<0.031	<0.036	<0.039	<0.031	<0.035	<0.031	<0.033
Methylene chloride	**0.0188**	**0.0164**	**0.0206**	**0.0109 J**	**0.0132**	**0.0106 J**	**0.0081 J**	<0.014	**0.0224**	**0.0168**	**0.0164**	**0.0115 J**	**0.015**
Naphthalene	<0.0072	<0.008	<0.0066	<0.0063	<0.0065	<0.0059	<0.0061	<0.0072	<0.0078	<0.0063	<0.007	<0.0061	<0.0065
n-Butylbenzene	<0.0072	<0.008	<0.0066	<0.0063	<0.0065	<0.0059	<0.0061	<0.0072	<0.0078	<0.0063	<0.007	<0.0061	<0.0065
n-Propylbenzene	<0.0072	<0.008	<0.0066	<0.0063	<0.0065	<0.0059	<0.0061	<0.0072	<0.0078	<0.0063	<0.007	<0.0061	<0.0065
p-Isopropyltoluene	<0.0072	<0.008	<0.0066	<0.0063	<0.0065	<0.0059	<0.0061	<0.0072	<0.0078	<0.0063	<0.007	<0.0061	<0.0065
sec-Butylbenzene	<0.0072	<0.008	<0.0066	<0.0063	<0.0065	<0.0059	<0.0061	<0.0072	<0.0078	<0.0063	**0.0357**	<0.0061	<0.0065
Tetrachloroethylene	<0.0072	<0.008	<0.0066	<0.0063	<0.0065	<0.0059	<0.0061	<0.0072	<0.0078	<0.0063	<0.007	<0.0061	<0.0065
o-Xylene	<0.0072	<0.008	<0.0066	<0.0063	<0.0065	<0.0059	<0.0061	<0.0072	<0.0078	<0.0063	<0.007	<0.0061	<0.0065
m,p-Xylene	<0.014	<0.016	<0.013	<0.013	<0.013	<0.012	<0.012	<0.014	<0.016	<0.013	<0.014	<0.012	<0.013
Xylenes (total)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs (mg/kg)													
2-Methylnaphthalene	<0.22	<0.24	<0.21	<0.21	<0.22	<0.22	<0.23	<0.23	<0.24	<0.21	<0.24	<0.21	<0.21
Benzo[g,h,i]perylene	<0.22	<0.24	<0.21	<0.21	<0.22	<0.22	<0.23	<0.23	<0.24	<0.21	<0.24	<0.21	<0.21
Dibenzofuran	<0.22	<0.24	<0.21	<0.21	<0.22	<0.22	<0.23	<0.23	<0.24	<0.21	<0.24	<0.21	<0.21
Diethyl phthalate	<0.44	<0.48	<0.42	<0.42	<0.43	<0.45	<0.47	<0.46	<0.48	<0.43	<0.48	<0.43	<0.42
Fluorene	<0.22	<0.24	<0.21	<0.21	<0.22	<0.22	<0.23	<0.23	<0.24	<0.21	<0.24	<0.21	<0.21
Naphthalene	<0.22	<0.24	<0.21	<0.21	<0.22	<0.22	<0.23	<0.23	<0.24	<0.21	<0.24	<0.21	<0.21
TPHs (mg/kg)													
TPH-GRO (C6-C10)	<8.2	<8.2	<7.5	<9	<6.1	<7.6	<10	<10	<9.7	<8.1	**11.2**	**3.61 J**	<7.8
TPH-DRO (C10-C22)	<11	<12	<11	<11	<11	<11	<12	<12	<12	<11	**18.8**	**31.7**	<11
TPH-ORO (>C22-C36)	<11	<12	**7.71 J**	<11	<11	<11	<12	<12	<12	<11	<12	<11	<11

Notes:
B = Indicates analyte found in associated method Blank
ft Bgs = Feet Below ground surface
J = Indicates an estimated value
mg/kg = Milligrams per kilogram
NA = Not analyzed
Value in bold = Detected
VOCs = Volatile Organic Compounds

SVOCs = Semi-Volatile Organic Compounds

TPHs = Total Petroleum Hydrocarbons
EX = Excavation Confirmation Sample
SB = Soil Boring Sample
SW = Sidewall (Excavation Confirmation) Sample
A/FD = Denotes a field duplicate sample
GRO = Gasoline range organics
DRO = Diesel range organics
ORO = Oil range organics
< = Not detected - Reporting Limit shown

Table 9-1(a)
Soil Analytical Results for Chemicals Detected At Least Once
West POL ACM Completion Report
Holloman AFB, New Mexico
NationView Project No.: 8090012

Sample Identification	SB14	SB15	SB15	SB15	SB15FD	SB16	SB16	SB16	SB17	SB17FD	SB17	SB17FD	SB17
Date Sampled	**10/6/2005**	**10/6/2005**	**10/6/2005**	**10/6/2005**	**10/6/2005**	**10/11/2005**	**10/11/2005**	**10/11/2005**	**10/11/2005**	**10/11/2005**	**10/11/2005**	**10/11/2005**	**10/11/2005**
Depth (ft bgs)	**4.8 - 5.5**	**0.3 - 1.1**	**1.8 - 3.4**	**5.6 - 7.4**	**5.6 - 7.4**	**0.3 - 0.8**	**2.7 - 3.1**	**4.8 - 5.6**	**0.3 - 0.9**	**0.3 - 0.9**	**2.6 - 3.2**	**2.6 - 3.2**	**5.0 - 5.6**
VOCs (mg/kg)													
1,2,4-Trimethylbenzene	<0.006	<0.0067	<0.0075	<0.0072	<0.0067	<0.0055	<0.0054	<0.0046	<0.0052	<0.0058	<0.0049	<0.0068	<0.006
1,3,5-Trimethylbenzene	<0.006	<0.0067	<0.0075	<0.0072	<0.0067	<0.0055	<0.0054	<0.0046	<0.0052	<0.0058	<0.0049	<0.0068	<0.006
1-Chlorohexane	<0.006	<0.0067	<0.0075	<0.0072	<0.0067	<0.0055	<0.0054	<0.0046	<0.0052	<0.0058	<0.0049	<0.0068	<0.006
2-Hexanone	<0.03	<0.033	<0.037	<0.036	<0.033	<0.028	<0.027	<0.023	<0.026	<0.029	<0.025	<0.034	<0.03
4-Methyl-2-pentanone	<0.03	<0.033	<0.037	<0.036	<0.033	<0.028	<0.027	<0.023	<0.026	<0.029	<0.025	<0.034	<0.03
Acetone	<0.06	<0.067	<0.075	<0.072	<0.067	<0.055	<0.054	<0.046	<0.052	<0.058	<0.049	<0.068	<0.06
Carbon disulfide	**0.0049 J**	<0.0067	<0.0075	<0.0072	<0.0067	<0.0055	<0.0054	<0.0046	<0.0052	<0.0058	<0.0049	<0.0068	<0.006
Ethylbenzene	<0.006	<0.0067	<0.0075	<0.0072	<0.0067	<0.0055	<0.0054	<0.0046	<0.0052	<0.0058	<0.0049	<0.0068	<0.006
Hexane	<0.006	<0.0067	<0.0075	<0.0072	<0.0067	<0.0055	<0.0054	<0.0046	<0.0052	<0.0058	<0.0049	<0.0068	<0.006
Isopropylbenzene	<0.006	<0.0067	<0.0075	<0.0072	<0.0067	<0.0055	<0.0054	<0.0046	<0.0052	<0.0058	<0.0049	<0.0068	<0.006
Methyl ethyl ketone	<0.03	<0.033	<0.037	<0.036	<0.033	<0.028	<0.027	<0.023	<0.026	<0.029	<0.025	<0.034	<0.03
Methylene chloride	**0.0126**	**0.0128 J**	**0.0107 J**	**0.0222**	**0.0188**	<0.011	<0.011	<0.0091	<0.01	<0.012	<0.0098	<0.014	<0.012
Naphthalene	<0.006	<0.0067	<0.0075	<0.0072	<0.0067	<0.0055	<0.0054	<0.0046	<0.0052	<0.0058	<0.0049	<0.0068	<0.006
n-Butylbenzene	<0.006	<0.0067	<0.0075	<0.0072	<0.0067	<0.0055	<0.0054	<0.0046	<0.0052	<0.0058	<0.0049	<0.0068	<0.006
n-Propylbenzene	<0.006	<0.0067	<0.0075	<0.0072	<0.0067	<0.0055	<0.0054	<0.0046	<0.0052	<0.0058	<0.0049	<0.0068	<0.006
p-Isopropyltoluene	<0.006	<0.0067	<0.0075	<0.0072	<0.0067	<0.0055	<0.0054	<0.0046	<0.0052	<0.0058	<0.0049	<0.0068	<0.006
sec-Butylbenzene	<0.006	<0.0067	<0.0075	<0.0072	<0.0067	<0.0055	<0.0054	<0.0046	<0.0052	<0.0058	<0.0049	<0.0068	<0.006
Tetrachloroethylene	<0.006	<0.0067	<0.0075	<0.0072	<0.0067	<0.0055	<0.0054	<0.0046	<0.0052	<0.0058	<0.0049	<0.0068	<0.006
o-Xylene	<0.006	<0.0067	<0.0075	<0.0072	<0.0067	<0.0055	<0.0054	<0.0046	<0.0052	<0.0058	<0.0049	<0.0068	<0.006
m,p-Xylene	<0.012	<0.013	<0.015	<0.014	<0.013	<0.011	<0.011	<0.0091	<0.01	<0.012	<0.0098	<0.014	<0.012
Xylenes (total)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs (mg/kg)													
2-Methylnaphthalene	<0.23	<0.23	<0.23	<0.22	<0.23	<0.19	<0.19	<0.2	<0.19	<0.21	<0.19	<0.24	<0.2
Benzo[g,h,i]perylene	<0.23	<0.23	<0.23	<0.22	<0.23	<0.19	<0.19	<0.2	<0.19	<0.21	<0.19	<0.24	<0.2
Dibenzofuran	<0.23	<0.23	<0.23	<0.22	<0.23	<0.19	<0.19	<0.2	<0.19	<0.21	<0.19	<0.24	<0.2
Diethyl phthalate	<0.47	<0.45	<0.45	<0.45	<0.46	<0.38	<0.39	<0.4	**0.12 J**	<0.42	<0.39	**0.128 J**	<0.4
Fluorene	<0.23	<0.23	<0.23	<0.22	<0.23	<0.19	<0.19	<0.2	<0.19	<0.21	<0.19	<0.24	<0.2
Naphthalene	<0.23	<0.23	<0.23	<0.22	<0.23	<0.19	<0.19	<0.2	<0.19	<0.21	<0.19	<0.24	<0.2
TPHs (mg/kg)													
TPH-GRO (C6-C10)	<8.1	<8.6	<8.8	<8.5	<8.6	<6.8	<6.5	<6.5	<6.5	<8.2	<5.9	<9.4	<7.7
TPH-DRO (C10-C22)	<12	<11	<11	<11	<11	<9.6	<9.5	<9.9	<9.4	<10	<9.8	<12	<9.9
TPH-ORO (>C22-C36)	<12	<11	<11	<11	<11	<9.6	<9.5	<9.9	<9.4	**15.6**	<9.8	<12	<9.9

Notes:
B = Indicates analyte found in associated method Blank
ft Bgs = Feet Below ground surface
J = Indicates an estimated value
mg/kg = Milligrams per kilogram
NA = Not analyzed
Value in bold = Detected
VOCs = Volatile Organic Compounds

SVOCs = Semi-Volatile Organic Compounds

TPHs = Total Petroleum Hydrocarbons
EX = Excavation Confirmation Sample
SB = Soil Boring Sample
SW = Sidewall (Excavation Confirmation) Sample
A/FD = Denotes a field duplicate sample
GRO = Gasoline range organics
DRO = Diesel range organics
ORO = Oil range organics
< = Not detected - Reporting Limit shown

Table 9-1(a)
Soil Analytical Results for Chemicals Detected At Least Once
West POL ACM Completion Report
Holloman AFB, New Mexico
NationView Project No.: 8090012

Sample Identification	SB17FD	SB18	SB18	SB18	SB19	SB19FD	SB19	SB19FD	SB19	SB19FD	SB20	SB20	SB20
Date Sampled	**10/11/2005**	**10/11/2005**	**10/11/2005**	**10/11/2005**	**10/11/2005**	**10/11/2005**	**10/11/2005**	**10/11/2005**	**10/11/2005**	**10/11/2005**	**10/11/2005**	**10/11/2005**	**10/11/2005**
Depth (ft bgs)	**5.0 - 5.6**	**0.3 - 0.8**	**2.6 - 3.2**	**5.1 - 5.7**	**0.3 - 1**	**0.3 - 1**	**2.4 - 3.4**	**2.4 - 3.4**	**4.7 - 6**	**4.7 - 6**	**0.3 - 0.8**	**2.5 - 3.3**	**5.2 - 5.8**
VOCs (mg/kg)													
1,2,4-Trimethylbenzene	<0.0061	<0.0057	<0.0061	<0.0062	<0.0058	<0.0061	<0.0061	<0.0055	<0.0071	<0.0056	<0.0066	<0.006	<0.0073
1,3,5-Trimethylbenzene	<0.0061	<0.0057	<0.0061	<0.0062	<0.0058	<0.0061	<0.0061	<0.0055	<0.0071	<0.0056	<0.0066	<0.006	<0.0073
1-Chlorohexane	<0.0061	<0.0057	<0.0061	<0.0062	<0.0058	<0.0061	<0.0061	<0.0055	<0.0071	<0.0056	<0.0066	<0.006	<0.0073
2-Hexanone	<0.03	<0.029	<0.031	<0.031	<0.029	<0.03	<0.03	<0.027	<0.035	<0.028	<0.033	<0.03	<0.036
4-Methyl-2-pentanone	<0.03	<0.029	<0.031	<0.031	<0.029	<0.03	<0.03	<0.027	<0.035	<0.028	<0.033	<0.03	<0.036
Acetone	<0.061	<0.057	<0.061	<0.062	<0.058	<0.061	<0.061	<0.055	<0.071	<0.056	<0.066	<0.06	<0.073
Carbon disulfide	<0.0061	<0.0057	<0.0061	<0.0062	<0.0058	<0.0061	<0.0061	<0.0055	<0.0071	<0.0056	<0.0066	<0.006	<0.0073
Ethylbenzene	<0.0061	<0.0057	<0.0061	<0.0062	<0.0058	<0.0061	<0.0061	<0.0055	<0.0071	<0.0056	<0.0066	<0.006	<0.0073
Hexane	<0.0061	<0.0057	<0.0061	<0.0062	<0.0058	<0.0061	<0.0061	<0.0055	<0.0071	<0.0056	<0.0066	<0.006	<0.0073
Isopropylbenzene	<0.0061	<0.0057	<0.0061	<0.0062	<0.0058	<0.0061	<0.0061	<0.0055	<0.0071	<0.0056	<0.0066	<0.006	<0.0073
Methyl ethyl ketone	<0.03	<0.029	<0.031	<0.031	<0.029	<0.03	<0.03	<0.027	<0.035	<0.028	<0.033	<0.03	<0.036
Methylene chloride	<0.012	<0.011	<0.012	<0.012	<0.012	<0.012	<0.012	<0.011	<0.014	<0.011	<0.013	<0.012	<0.015
Naphthalene	<0.0061	<0.0057	<0.0061	<0.0062	<0.0058	<0.0061	<0.0061	<0.0055	<0.0071	<0.0056	<0.0066	<0.006	<0.0073
n-Butylbenzene	<0.0061	<0.0057	<0.0061	<0.0062	<0.0058	<0.0061	<0.0061	<0.0055	<0.0071	<0.0056	<0.0066	<0.006	<0.0073
n-Propylbenzene	<0.0061	<0.0057	<0.0061	<0.0062	<0.0058	<0.0061	<0.0061	<0.0055	<0.0071	<0.0056	<0.0066	<0.006	<0.0073
p-Isopropyltoluene	<0.0061	<0.0057	<0.0061	<0.0062	<0.0058	<0.0061	<0.0061	<0.0055	<0.0071	<0.0056	<0.0066	<0.006	<0.0073
sec-Butylbenzene	<0.0061	<0.0057	<0.0061	<0.0062	<0.0058	<0.0061	<0.0061	<0.0055	<0.0071	<0.0056	<0.0066	<0.006	<0.0073
Tetrachloroethylene	<0.0061	<0.0057	<0.0061	<0.0062	<0.0058	<0.0061	<0.0061	<0.0055	<0.0071	<0.0056	<0.0066	<0.006	<0.0073
o-Xylene	<0.0061	<0.0057	<0.0061	<0.0062	<0.0058	<0.0061	<0.0061	<0.0055	<0.0071	<0.0056	<0.0066	<0.006	<0.0073
m,p-Xylene	<0.012	<0.011	<0.012	<0.012	<0.012	<0.012	<0.012	<0.011	<0.014	<0.011	<0.013	<0.012	<0.015
Xylenes (total)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs (mg/kg)													
2-Methylnaphthalene	<0.23	<0.21	<0.23	<0.23	<0.2	<0.2	<0.22	<0.22	<0.23	<0.23	<0.22	<0.23	<0.23
Benzo[g,h,i]perylene	<0.23	<0.21	<0.23	<0.23	<0.2	<0.2	<0.22	<0.22	<0.23	<0.23	<0.22	<0.23	<0.23
Dibenzofuran	<0.23	<0.21	<0.23	<0.23	<0.2	<0.2	<0.22	<0.22	<0.23	<0.23	<0.22	<0.23	<0.23
Diethyl phthalate	<0.46	**1**	<0.46	<0.46	<0.41	<0.39	**0.693**	<0.44	<0.46	<0.46	<0.44	<0.45	<0.46
Fluorene	<0.23	<0.21	<0.23	<0.23	<0.2	<0.2	<0.22	<0.22	<0.23	<0.23	<0.22	<0.23	<0.23
Naphthalene	<0.23	<0.21	<0.23	<0.23	<0.2	<0.2	<0.22	<0.22	<0.23	<0.23	<0.22	<0.23	<0.23
TPHs (mg/kg)													
TPH-GRO (C6-C10)	<9.4	<7	<8.6	<10	<7	<6.7	<7.8	<7.9	<8	<7	<8	<7.9	<8.1
TPH-DRO (C10-C22)	<11	<10	<11	<11	<10	<9.9	<11	<11	<12	**16.7**	<11	<11	<11
TPH-ORO (>C22-C36)	<11	**8.41 J**	<11	<11	<10	<9.9	<11	<11	<12	**12.4**	<11	<11	<11

Notes:
B = Indicates analyte found in associated method Blank
ft Bgs = Feet Below ground surface
J = Indicates an estimated value
mg/kg = Milligrams per kilogram
NA = Not analyzed
Value in bold = Detected
VOCs = Volatile Organic Compounds

SVOCs = Semi-Volatile Organic Compounds

TPHs = Total Petroleum Hydrocarbons
EX = Excavation Confirmation Sample
SB = Soil Boring Sample
SW = Sidewall (Excavation Confirmation) Sample
A/FD = Denotes a field duplicate sample
GRO = Gasoline range organics
DRO = Diesel range organics
ORO = Oil range organics
< = Not detected - Reporting Limit shown

Table 9-1(a)
Soil Analytical Results for Chemicals Detected At Least Once
West POL ACM Completion Report
Holloman AFB, New Mexico
NationView Project No.: 8090012

Sample Identification	SB21	SB21FD	SB21	SB21FD	SB21	SB21FD	SW20	SW21	SW22	SW23A	SW23B	SW23C	SW24
Date Sampled	**10/11/2005**	**10/11/2005**	**10/11/2005**	**10/11/2005**	**10/11/2005**	**10/11/2005**	**10/5/2006**	**10/5/2006**	**10/5/2006**	**10/17/2006**	**10/17/2006**	**10/17/2006**	**10/5/2006**
Depth (ft bgs)	**0.6 - 1**	**0.6 - 1**	**2.7 - 3.1**	**2.7 - 3.1**	**5.2 - 5.8**	**5.2 - 5.8**	**3 - 5**	**3 - 5**	**3 - 5**	**3 - 5**	**3 - 5**	**3 - 5**	**3 - 5**
VOCs (mg/kg)													
1,2,4-Trimethylbenzene	**0.0104**	**0.0039 J**	<0.005	<0.0062	<0.0067	<0.0059	<1.8	<0.0058	<0.66	<0.0056	<0.0061	<0.0055	<0.0049
1,3,5-Trimethylbenzene	**0.0092**	**0.0034 J**	<0.005	<0.0062	<0.0067	<0.0059	**4.1**	<0.0058	<0.66	<0.0056	<0.0061	<0.0055	<0.0049
1-Chlorohexane	<0.0051	<0.005	<0.005	<0.0062	<0.0067	<0.0059	<1.8	<0.0058	<0.66	<0.0056	<0.0061	<0.0055	<0.0049
2-Hexanone	<0.025	<0.025	<0.025	<0.031	<0.034	<0.029	<8.9	<0.029	<3.3	<0.028	<0.031	<0.028	<0.025
4-Methyl-2-pentanone	<0.025	<0.025	<0.025	<0.031	<0.034	<0.029	<8.9	<0.029	<3.3	<0.028	<0.031	<0.028	<0.025
Acetone	<0.051	<0.05	<0.05	<0.062	<0.067	<0.059	<18	<0.058	<6.6	<0.056	<0.061	<0.055	<0.049
Carbon disulfide	<0.0051	<0.005	<0.005	<0.0062	<0.0067	<0.0059	<1.8	**0.0035 J**	<0.66	<0.0056	<0.0061	<0.0055	<0.0049
Ethylbenzene	<0.0051	<0.005	<0.005	<0.0062	<0.0067	<0.0059	**2.6**	<0.0058	<0.66	<0.0056	<0.0061	<0.0055	<0.0049
Hexane	<0.0051	<0.005	<0.005	<0.0062	<0.0067	<0.0059	<1.8	<0.0058	<0.66	<0.0056	<0.0061	<0.0055	<0.0049
Isopropylbenzene	<0.0051	<0.005	<0.005	<0.0062	<0.0067	<0.0059	**2**	<0.0058	<0.66	<0.0056	<0.0061	<0.0055	<0.0049
Methyl ethyl ketone	<0.025	<0.025	<0.025	<0.031	<0.034	<0.029	<8.9	<0.029	<3.3	<0.028	<0.031	<0.028	<0.025
Methylene chloride	<0.01	<0.01	<0.01	<0.012	<0.013	<0.012	<1.8	<0.0058	<0.66	<0.0056	<0.0061	<0.0055	<0.0049
Naphthalene	**0.0033 JB**	<0.005	<0.005	<0.0062	<0.0067	<0.0059	<1.8	<0.0058	<0.66	<0.0056	<0.0061	<0.0055	<0.0049
n-Butylbenzene	<0.0051	<0.005	<0.005	<0.0062	<0.0067	<0.0059	**9.1**	<0.0058	**0.34 J**	<0.0056	<0.0061	<0.0055	<0.0049
n-Propylbenzene	<0.0051	<0.005	<0.005	<0.0062	<0.0067	<0.0059	**3.4**	<0.0058	<0.66	<0.0056	<0.0061	<0.0055	<0.0049
p-Isopropyltoluene	<0.0051	<0.005	<0.005	<0.0062	<0.0067	<0.0059	**6.5**	<0.0058	<0.66	<0.0056	<0.0061	<0.0055	<0.0049
sec-Butylbenzene	<0.0051	<0.005	<0.005	<0.0062	<0.0067	<0.0059	**7.9**	**0.0017 J**	**0.47 J**	<0.0056	<0.0061	<0.0055	<0.0049
Tetrachloroethylene	<0.0051	<0.005	<0.005	<0.0062	<0.0067	<0.0059	<1.8	<0.0058	<0.66	<0.0056	<0.0061	<0.0055	<0.0049
o-Xylene	<0.0051	<0.005	<0.005	<0.0062	<0.0067	<0.0059	<1.8	<0.0058	<0.66	<0.0056	<0.0061	<0.0055	<0.0049
m,p-Xylene	<0.01	<0.01	<0.01	<0.012	<0.013	<0.012	<3.5	<0.012	<1.3	<0.011	<0.012	<0.011	<0.0099
Xylenes (total)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs (mg/kg)													
2-Methylnaphthalene	<0.2	<0.19	<0.21	<0.21	<0.22	<0.24	<0.5	<0.46	<0.47	<0.43	<0.43	<0.44	<0.45
Benzo[g,h,i]perylene	<0.2	<0.19	<0.21	<0.21	<0.22	<0.24	<0.5	<0.46	<0.47	<0.43	<0.43	<0.44	<0.45
Dibenzofuran	<0.2	<0.19	<0.21	<0.21	<0.22	<0.24	<0.5	<0.46	<0.47	<0.43	<0.43	<0.44	<0.45
Diethyl phthalate	<0.4	<0.39	<0.42	<0.43	<0.45	<0.49	<0.5	<0.46	<0.47	<0.43	<0.43	<0.44	<0.45
Fluorene	<0.2	<0.19	<0.21	<0.21	<0.22	<0.24	**0.17 J**	<0.46	<0.47	<0.43	<0.43	<0.44	<0.45
Naphthalene	<0.2	<0.19	<0.21	<0.21	<0.22	<0.24	<0.5	<0.46	<0.47	<0.43	<0.43	<0.44	<0.45
TPHs (mg/kg)													
TPH-GRO (C6-C10)	**14.2**	**5.61 J**	<7.1	<7.9	<8.8	<9.7	**1,000**	**0.44**	**34**	<0.32	<0.29	<0.25	**0.14 J**
TPH-DRO (C10-C22)	**8.4 J**	**58.0**	<11	<11	<11	<12	**3,900**	**4.5 J**	**340**	**20**	**3.7 J**	<4.3	**2.8 J**
TPH-ORO (>C22-C36)	<9.8	<9.8	<11	<11	<11	<12	<260	<24	<24	<22	<22	<22	<23

Notes:
B = Indicates analyte found in associated method Blank
ft Bgs = Feet Below ground surface
J = Indicates an estimated value
mg/kg = Milligrams per kilogram
NA = Not analyzed
Value in bold = Detected
VOCs = Volatile Organic Compounds

SVOCs = Semi-Volatile Organic Compounds

TPHs = Total Petroleum Hydrocarbons
EX = Excavation Confirmation Sample
SB = Soil Boring Sample
SW = Sidewall (Excavation Confirmation) Sample
A/FD = Denotes a field duplicate sample
GRO = Gasoline range organics
DRO = Diesel range organics
ORO = Oil range organics
< = Not detected - Reporting Limit shown

Table 9-1(a)
Soil Analytical Results for Chemicals Detected At Least Once
West POL ACM Completion Report
Holloman AFB, New Mexico
NationView Project No.: 8090012

Sample Identification	SW25	SW26	SW27	SW28	SW29	SW30	SW31	SB23	SB23 (Dup)	SB23	SB24	SB24 (Dup)	SB24
Date Sampled	**10/12/2006**	**10/12/2006**	**10/12/2006**	**10/12/2006**	**10/16/2006**	**10/16/2006**	**10/16/2006**	**8/24/2009**	**8/24/2009**	**8/24/2009**	**8/24/2009**	**8/24/2009**	**8/24/2009**
Depth (ft bgs)	**3 - 5**	**3 - 5**	**3 - 5**	**3 - 5**	**3 - 5**	**3 - 5**	**3 - 5**	**6**	**6**	**10**	**8**	**8**	**10**
VOCs (mg/kg)													
1,2,4-Trimethylbenzene	<0.0057	**48**	**22**	**2.2**	<0.0066	<0.0056	<0.0074	<0.0057	<0.0053	<0.0056	<0.0057	<0.006	<0.0055
1,3,5-Trimethylbenzene	<0.0057	**8.2**	**5**	**0.69**	<0.0066	<0.0056	<0.0074	<0.0057	<0.0053	<0.0056	<0.0057	<0.006	<0.0055
1-Chlorohexane	<0.0057	<1.6	<0.75	**0.16 J**	<0.0066	<0.0056	<0.0074	<0.0057	<0.0053	<0.0056	<0.0057	<0.006	<0.0055
2-Hexanone	<0.029	<8	<3.8	**1 J**	<0.033	<0.028	<0.037	<0.028	<0.027	<0.028	<0.028	<0.03	<0.028
4-Methyl-2-pentanone	<0.029	<8	<3.8	<1.3	<0.033	<0.028	<0.037	<0.028	<0.027	<0.028	<0.028	<0.03	<0.028
Acetone	<0.057	<16	<7.5	<2.7	<0.066	<0.056	<0.074	<0.057	<0.053	<0.056	<0.057	<0.06	<0.055
Carbon disulfide	<0.0057	<1.6	<0.75	<0.27	<0.0066	<0.0056	<0.0074	<0.0057	<0.0053	<0.0056	**0.0058**	**0.006**	<0.0055
Ethylbenzene	<0.0057	**4.9**	**2.1**	**0.33**	<0.0066	<0.0056	<0.0074	<0.0057	<0.0053	<0.0056	<0.0057	<0.006	<0.0055
Hexane	<0.0057	<1.6	<0.75	<0.27	<0.0066	<0.0056	<0.0074	<0.0057	<0.0053	<0.0056	<0.0057	<0.006	<0.0055
Isopropylbenzene	<0.0057	**3.5**	**1.5**	**0.31**	<0.0066	<0.0056	<0.0074	<0.0057	<0.0053	<0.0056	<0.0057	<0.006	<0.0055
Methyl ethyl ketone	<0.029	<8	<3.8	<1.3	<0.033	<0.028	<0.037	<0.028	<0.027	<0.028	<0.028	<0.03	<0.028
Methylene chloride	<0.0057	<1.6	<0.75	**0.11 J**	<0.0066	<0.0056	<0.0074	<0.011	<0.011	<0.011	**0.0069 JB**	**0.0103 JB**	**0.006 JB**
Naphthalene	<0.0057	**17**	**7.6**	**3.7**	<0.0066	<0.0056	<0.0074	<0.0057	<0.0053	<0.0056	<0.0057	<0.006	<0.0055
n-Butylbenzene	<0.0057	**21**	**9.2**	**2.6**	<0.0066	<0.0056	<0.0074	<0.0057	<0.0053	<0.0056	<0.0057	<0.006	<0.0055
n-Propylbenzene	<0.0057	**6.9**	**3**	**0.62**	<0.0066	<0.0056	<0.0074	<0.0057	<0.0053	<0.0056	<0.0057	<0.006	<0.0055
p-Isopropyltoluene	<0.0057	**9.8**	**5.2**	**1.5**	<0.0066	<0.0056	<0.0074	<0.0057	<0.0053	<0.0056	<0.0057	<0.006	<0.0055
sec-Butylbenzene	<0.0057	**10**	**4.8**	**1.6**	<0.0066	<0.0056	<0.0074	<0.0057	<0.0053	<0.0056	**0.0016 J**	**0.002 J**	<0.0055
Tetrachloroethylene	<0.0057	<1.6	<0.75	<0.27	<0.0066	<0.0056	<0.0074	<0.0057	<0.0053	<0.0056	<0.0057	<0.006	<0.0055
o-Xylene	<0.0057	<1.6	<0.75	<0.27	<0.0066	<0.0056	<0.0074	<0.0057	<0.0053	<0.0056	<0.0057	<0.006	<0.0055
m,p-Xylene	<0.011	**2 J**	**0.86 J**	**0.11 J**	<0.013	<0.011	<0.015	<0.011	<0.011	<0.011	<0.011	<0.012	<0.011
Xylenes (total)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs (mg/kg)													
2-Methylnaphthalene	<0.39	**9**	**6.7**	**2.8**	<0.47	<0.46	<0.45	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Benzo[g,h,i]perylene	**0.029 J**	<4.8	<0.47	<0.47	<0.47	<0.46	<0.45	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Dibenzofuran	<0.39	<4.8	<0.47	<0.47	<0.47	<0.46	<0.45	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Diethyl phthalate	<0.39	<4.8	<0.47	<0.47	<0.47	<0.46	<0.45	<0.39	<0.4	<0.41	<0.39	<0.4	<0.39
Fluorene	<0.39	<4.8	**0.1 J**	<0.47	<0.47	<0.46	<0.45	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Naphthalene	<0.39	**4 J**	**2.6**	**1.1**	<0.47	<0.46	<0.45	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
TPHs (mg/kg)													
TPH-GRO (C6-C10)	<0.25	**830**	**700**	**620**	<0.41	<0.32	<0.31	<6.2	<6.3	<6.8	<6.8	<7.1	<6.4
TPH-DRO (C10-C22)	**20**	**2,800**	**1,800**	**660**	<4.7	<4.6	<4.5	<10	<10	<10	<10	**40.6**	<10
TPH-ORO (>C22-C36)	**70**	<250	<240	<48	<24	<24	<23	<10	<10	<10	<10	<10	<10

Notes:
B = Indicates analyte found in associated method Blank
ft Bgs = Feet Below ground surface
J = Indicates an estimated value
mg/kg = Milligrams per kilogram
NA = Not analyzed
Value in bold = Detected
VOCs = Volatile Organic Compounds

SVOCs = Semi-Volatile Organic Compounds

TPHs = Total Petroleum Hydrocarbons
EX = Excavation Confirmation Sample
SB = Soil Boring Sample
SW = Sidewall (Excavation Confirmation) Sample
A/FD = Denotes a field duplicate sample
GRO = Gasoline range organics
DRO = Diesel range organics
ORO = Oil range organics
< = Not detected - Reporting Limit shown

Table 9-1(a)
Soil Analytical Results for Chemicals Detected At Least Once
West POL ACM Completion Report
Holloman AFB, New Mexico
NationView Project No.: 8090012

Sample Identification	SB25	SB25	SB26	SB26	SB27	SB27	SB28	SB28	SB30	SB30	SW1	SW2	SW3
Date Sampled	8/24/2009	8/24/2009	8/24/2009	8/24/2009	8/24/2009	8/24/2009	8/24/2009	8/24/2009	10/8/2009	10/8/2009	3/5/2010	3/5/2010	3/5/2010
Depth (ft bgs)	5	10	2	10	6	9	3	9	6	6 - 7.5	8	8	8
VOCs (mg/kg)													
1,2,4-Trimethylbenzene	<0.0055	<0.0052	<0.0047	<0.0051	<0.0051	<0.0056	<0.37	<0.36	<0.0057	<0.0056	<0.0067	<0.0058	<0.0055
1,3,5-Trimethylbenzene	<0.0055	<0.0052	<0.0047	<0.0051	<0.0051	<0.0056	<0.37	**0.325 J**	<0.0057	<0.0056	<0.0067	<0.0058	<0.0055
1-Chlorohexane	<0.0055	<0.0052	<0.0047	<0.0051	<0.0051	<0.0056	<0.37	<0.36	<0.0057	<0.0056	<0.0067	<0.0058	<0.0055
2-Hexanone	**0.0087 JB**	<0.026	<0.024	<0.026	<0.025	<0.028	<1.8	<1.8	<0.028	<0.028	<0.033	<0.029	<0.027
4-Methyl-2-pentanone	<0.027	<0.026	<0.024	<0.026	<0.025	**0.0146 J**	<1.8	<1.8	<0.028	<0.028	<0.033	<0.029	<0.027
Acetone	<0.055	<0.052	**0.0244 J**	<0.051	<0.051	<0.056	<3.7	<3.6	<0.057	<0.056	<0.067	<0.058	<0.055
Carbon disulfide	<0.0055	<0.0052	<0.0047	<0.0051	**0.004 J**	**0.0041 J**	<0.37	<0.36	<0.0057	<0.0056	<0.0067	<0.0058	<0.0055
Ethylbenzene	<0.0055	<0.0052	<0.0047	<0.0051	<0.0051	<0.0056	<0.37	**0.146 J**	<0.0057	<0.0056	<0.0067	<0.0058	<0.0055
Hexane	<0.0055	**0.0059**	<0.0047	<0.0051	**0.0087**	**0.0052 J**	<0.37	<0.36	<0.0057	<0.0056	<0.0067	<0.0058	<0.0055
Isopropylbenzene	<0.0055	<0.0052	<0.0047	<0.0051	**0.0013 J**	<0.0056	**0.543**	**0.818**	<0.0057	<0.0056	<0.0067	<0.0058	<0.0055
Methyl ethyl ketone	<0.027	<0.026	<0.024	<0.026	<0.025	<0.028	<1.8	<1.8	<0.028	<0.028	<0.033	<0.029	<0.027
Methylene chloride	**0.0764 B**	**0.038 B**	<0.0094	**0.0219 B**	**0.0266 B**	**0.0258 B**	**0.371 JB**	**0.551 JB**	<0.011	<0.011	<0.013	<0.012	<0.011
Naphthalene	<0.0055	<0.0052	<0.0047	<0.0051	<0.0051	<0.0056	**0.343 J**	**0.165 J**	<0.0057	<0.0056	<0.0067	<0.0058	<0.0055
n-Butylbenzene	<0.0055	<0.0052	<0.0047	<0.0051	<0.0051	<0.0056	**1.75**	**2.01**	<0.0057	<0.0056	<0.0067	<0.0058	<0.0055
n-Propylbenzene	<0.0055	<0.0052	<0.0047	<0.0051	<0.0051	<0.0056	**0.802**	**1.21**	<0.0057	<0.0056	<0.0067	<0.0058	<0.0055
p-Isopropyltoluene	<0.0055	<0.0052	<0.0047	<0.0051	<0.0051	<0.0056	<0.37	**0.284 J**	<0.0057	<0.0056	<0.0067	<0.0058	<0.0055
sec-Butylbenzene	<0.0055	<0.0052	<0.0047	<0.0051	**0.0442**	<0.0056	**2.04**	**2.07**	<0.0057	<0.0056	<0.0067	<0.0058	<0.0055
Tetrachloroethylene	<0.0055	<0.0052	<0.0047	<0.0051	<0.0051	<0.0056	<0.37	<0.36	<0.0057	<0.0056	<0.0067	<0.0058	<0.0055
o-Xylene	<0.0055	<0.0052	<0.0047	<0.0051	<0.0051	<0.0056	<0.37	<0.36	<0.0057	<0.0056	<0.0067	<0.0058	<0.0055
m,p-Xylene	<0.011	<0.01	<0.0094	<0.01	<0.01	<0.011	<0.74	<0.73	<0.011	<0.011	<0.013	<0.012	<0.011
Xylenes (total)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SVOCs (mg/kg)													
2-Methylnaphthalene	<0.2	<0.19	<0.19	<0.2	<0.2	<0.2	<0.76	<0.82	<0.19	<0.2	<0.2	<0.2	<0.2
Benzo[g,h,i]perylene	<0.2	<0.19	<0.19	<0.2	<0.2	<0.2	<0.76	<0.82	<0.19	<0.2	<0.2	<0.2	<0.2
Dibenzofuran	<0.2	<0.19	<0.19	<0.2	<0.2	<0.2	<0.76	**0.179 J**	<0.19	<0.2	<0.2	<0.2	<0.2
Diethyl phthalate	<0.41	<0.38	<0.39	<0.4	<0.39	<0.41	<1.5	<1.6	<0.39	<0.39	<0.4	<0.4	<0.41
Fluorene	<0.2	<0.19	<0.19	<0.2	<0.2	<0.2	<0.76	<0.82	<0.19	<0.2	<0.2	<0.2	<0.2
Naphthalene	<0.2	<0.19	<0.19	<0.2	<0.2	<0.2	<0.76	<0.82	<0.19	<0.2	<0.2	<0.2	<0.2
TPHs (mg/kg)													
TPH-GRO (C6-C10)	<8.1	<6.2	<6.2	<6.5	**67.7**	<6.5	**197**	**467**	<6.3	<6.2	<6.7	<6.5	<6.5
TPH-DRO (C10-C22)	<10	<9.8	<9.8	<10	**71.1**	<10	**428**	**249**	<11	<10	<10	<10	<10
TPH-ORO (>C22-C36)	<10	<9.8	**12.1**	<10	<10	<10	<97	<52	**13.3**	<10	<10	<10	<10

Notes:
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ft Bgs = Feet Below ground surface
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mg/kg = Milligrams per kilogram
NA = Not analyzed
Value in bold = Detected
VOCs = Volatile Organic Compounds

SVOCs = Semi-Volatile Organic Compounds

TPHs = Total Petroleum Hydrocarbons
EX = Excavation Confirmation Sample
SB = Soil Boring Sample
SW = Sidewall (Excavation Confirmation) Sample
A/FD = Denotes a field duplicate sample
GRO = Gasoline range organics
DRO = Diesel range organics
ORO = Oil range organics
< = Not detected - Reporting Limit shown

Table 9-1(a)
Soil Analytical Results for Chemicals Detected At Least Once
West POL ACM Completion Report
Holloman AFB, New Mexico
NationView Project No.: 8090012

Sample Identification	SW4	SW5	SW6	SW7	SW8	Bottom1
Date Sampled	**3/5/2010**	**3/5/2010**	**3/5/2010**	**3/5/2010**	**3/5/2010**	**3/5/2010**
Depth (ft bgs)	**8**	**8**	**8**	**8**	**8**	**9.5**
VOCs (mg/kg)						
1,2,4-Trimethylbenzene	<0.0057	<0.0063	<0.0054	<0.0055	<0.0054	<0.0056
1,3,5-Trimethylbenzene	<0.0057	<0.0063	<0.0054	<0.0055	<0.0054	<0.0056
1-Chlorohexane	<0.0057	<0.0063	<0.0054	<0.0055	<0.0054	<0.0056
2-Hexanone	<0.029	<0.032	<0.027	<0.028	<0.027	<0.028
4-Methyl-2-pentanone	<0.029	<0.032	<0.027	<0.028	<0.027	<0.028
Acetone	<0.057	<0.063	<0.054	<0.055	<0.054	<0.056
Carbon disulfide	<0.0057	<0.0063	<0.0054	<0.0055	<0.0054	<0.0056
Ethylbenzene	<0.0057	<0.0063	<0.0054	<0.0055	<0.0054	<0.0056
Hexane	<0.0057	<0.0063	<0.0054	<0.0055	<0.0054	<0.0056
Isopropylbenzene	<0.0057	<0.0063	<0.0054	<0.0055	<0.0054	<0.0056
Methyl ethyl ketone	<0.029	<0.032	<0.027	<0.028	<0.027	<0.028
Methylene chloride	<0.011	<0.013	<0.011	<0.011	<0.011	<0.011
Naphthalene	<0.0057	<0.0063	<0.0054	<0.0055	<0.0054	<0.0056
n-Butylbenzene	<0.0057	<0.0063	<0.0054	<0.0055	<0.0054	<0.0056
n-Propylbenzene	<0.0057	<0.0063	<0.0054	<0.0055	<0.0054	<0.0056
p-Isopropyltoluene	<0.0057	<0.0063	<0.0054	<0.0055	<0.0054	<0.0056
sec-Butylbenzene	<0.0057	<0.0063	<0.0054	<0.0055	<0.0054	<0.0056
Tetrachloroethylene	<0.0057	<0.0063	<0.0054	<0.0055	<0.0054	<0.0056
o-Xylene	<0.0057	<0.0063	<0.0054	<0.0055	<0.0054	<0.0056
m,p-Xylene	<0.011	<0.013	<0.011	<0.011	<0.011	<0.011
Xylenes (total)	NA	NA	NA	NA	NA	NA
SVOCs (mg/kg)						
2-Methylnaphthalene	<0.21	<0.21	<0.21	<0.2	<0.19	<0.21
Benzo[g,h,i]perylene	<0.21	<0.21	<0.21	<0.2	<0.19	<0.21
Dibenzofuran	<0.21	<0.21	<0.21	<0.2	<0.19	<0.21
Diethyl phthalate	<0.41	<0.42	<0.42	<0.4	<0.39	<0.41
Fluorene	<0.21	<0.21	<0.21	<0.2	<0.19	<0.21
Naphthalene	<0.21	<0.21	<0.21	<0.2	<0.19	<0.21
TPHs (mg/kg)						
TPH-GRO (C6-C10)	<7.1	**9.87**	**5.01**	<6.3	<5.6	<7.2
TPH-DRO (C10-C22)	**9.37 J**	**11.1**	**7.98**	**22.5**	<9.6	<9.9
TPH-ORO (>C22-C36)	<10	<10	<11	<10	<9.6	**11.1**

Notes:
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Value in bold = Detected
VOCs = Volatile Organic Compounds

SVOCs = Semi-Volatile Organic Compounds

TPHs = Total Petroleum Hydrocarbons
EX = Excavation Confirmation Sample
SB = Soil Boring Sample
SW = Sidewall (Excavation Confirmation) Sample
A/FD = Denotes a field duplicate sample
GRO = Gasoline range organics
DRO = Diesel range organics
ORO = Oil range organics
< = Not detected - Reporting Limit shown

Table 9-1(b)
Soil Analytical Results Used for Risk Assessment
West POL ACM Completion Report
Holloman AFB, New Mexico
NationView Project No.: 8090012

Sample Identification	EX04	EX05	EX08	EX09A	EX09B	EX11A	EX12A	EX13	EX14	EX15	EX16	EX17	EX18
Date Sampled	**12/16/2002**	**12/16/2002**	**12/16/2002**	**12/18/2002**	**12/18/2002**	**12/26/2002**	**12/26/2002**	**12/16/2002**	**12/16/2002**	**12/16/2002**	**12/16/2002**	**12/16/2002**	**12/16/2002**
Depth (ft bgs)	**3 - 5**	**3 - 5**	**3 - 5**	**3 - 5**	**3 - 5**	**3 - 5**	**3 - 5**	**3 - 5**	**3 - 5**	**3 - 5**	**3 - 5**	**3 - 5**	**3 - 5**
VOCs (mg/kg)													
1,2,4-Trimethylbenzene	**0.016**	<0.5	<0.005	**0.437**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.45	<0.005	<0.005	**24.2**
1,3,5-Trimethylbenzene	<0.005	<0.5	<0.005	**0.445**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.45	<0.005	<0.005	**99.6**
1-Chlorohexane	<0.005	<0.5	<0.005	<0.5	<0.005	<0.005	<0.005	<0.005	<0.005	<0.45	<0.005	<0.005	<2.365
2-Hexanone	<0.005	<0.5	<0.005	<0.5	<0.005	<0.005	<0.005	<0.005	<0.005	<0.45	<0.005	<0.005	<2.365
4-Methyl-2-pentanone	<0.005	<0.5	<0.005	<0.5	<0.005	<0.005	<0.005	<0.005	<0.005	<0.45	<0.005	<0.005	<2.365
Acetone	<0.005	<0.5	<0.005	<0.5	<0.005	<0.005	<0.005	<0.005	<0.005	<0.45	<0.005	<0.005	<2.365
Carbon disulfide	<0.005	<0.5	<0.005	<0.5	<0.005	<0.005	<0.005	<0.005	<0.005	<0.45	<0.005	<0.005	<2.365
Ethylbenzene	**0.052**	<0.5	<0.005	**1.8**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.45	<0.005	<0.005	**12.4**
Hexane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	**0.019**	<0.5	<0.005	**1.07**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.45	<0.005	<0.005	**6.86**
Methyl ethyl ketone	<0.1	<10	<0.1	<10	<0.1	<0.1	<0.1	<0.1	<0.1	<9	<0.1	<0.1	<47.3
Methylene chloride	<0.005	<0.5	<0.005	<0.5	<0.005	<0.005	<0.005	<0.005	<0.005	<0.45	<0.005	<0.005	<2.365
Naphthalene	**0.25575**	<0.5	<0.005	**1.925**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.45	<0.005	<0.005	**30.5**
n-Butylbenzene	**0.0033**	<0.5	<0.005	**0.732**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.45	<0.005	<0.005	**38.9**
n-Propylbenzene	**0.015**	<0.5	<0.005	**1.85**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.45	<0.005	<0.005	**10.2**
p-Isopropyltoluene	**0.0012**	<0.5	<0.005	**1.15**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.45	<0.005	<0.005	**29.4**
sec-Butylbenzene	**0.01**	<0.5	<0.005	**2.21**	<0.005	<0.005	<0.005	<0.005	<0.005	<0.45	<0.005	<0.005	**21.6**
Tetrachloroethylene	<0.005	<0.5	<0.005	<0.5	<0.005	<0.005	<0.005	<0.005	<0.005	<0.45	<0.005	<0.005	<2.365
Xylenes (total)	**0.014**	<0.5	<0.005	<0.5	<0.005	<0.005	<0.005	<0.005	<0.005	<0.45	<0.005	<0.005	**12.7**
SVOCs (mg/kg)													
2-Methylnaphthalene	<0.999	<0.999	<0.999	**2.64**	**0.624**	<0.999	<0.999	<0.999	<0.999	<0.999	<0.999	<0.999	**31.1**
Benzo[g,h,i]perylene	<0.999	<0.999	<0.999	<0.999	<0.999	<0.999	<0.999	<0.999	<0.999	<0.999	<0.999	<0.999	<0.999
Dibenzofuran	<0.999	<0.999	<0.999	<0.999	<0.999	<0.999	<0.999	<0.999	<0.999	<0.999	<0.999	<0.999	<0.999
Diethyl phthalate	<0.999	<0.999	<0.999	<0.999	<0.999	<0.999	<0.999	<0.999	<0.999	<0.999	<0.999	<0.999	<0.999
Fluorene	<0.999	<0.999	<0.999	<0.999	<0.999	<0.999	<0.999	<0.999	<0.999	<0.999	<0.999	<0.999	<0.999
TPHs (mg/kg)													
TPHs (C10-C36)	<80	<80	<80	**250**	**61**	<80	<80	<80	**90**	**172**	<80	<80	**23,625**

Notes:
ft bgs = Feet below ground surface
mg/kg = Milligrams per kilogram
NA = Not analyzed
Value in bold = Detected
VOCs = Volatile Organic Compounds
SVOCs = Semi-Volatile Organic Compounds
TPHs = Total Petroleum Hydrocarbons
EX = Excavation Confirmation Sample
SB = Soil Boring Sample
SW = Sidewall (Excavation Confirmation) Sample
A/FD = Denotes a field duplicate sample
< = Not detected-Reporting Limit shown

Table 9-1(b)
Soil Analytical Results Used for Risk Assessment
West POL ACM Completion Report
Holloman AFB, New Mexico
NationView Project No.: 8090012

Sample Identification	**EX18A**	**SB01**	**SB01**	**SB01**	**SB03**	**SB03**	**SB03**	**SB04**	**SB04**	**SB04**	**SB05**	**SB05**	**SB05**
Date Sampled	**12/26/2002**	**10/5/2005**	**10/5/2005**	**10/5/2005**	**10/5/2005**	**10/5/2005**	**10/5/2005**	**10/5/2005**	**10/5/2005**	**10/5/2005**	**10/5/2005**	**10/5/2005**	**10/5/2005**
Depth (ft bgs)	**3 - 5**	**0.8 -1.7**	**2.8 - 3.1**	**5.3 - 6**	**0.8 - 1.1**	**2.7 - 3.3**	**5.1 - 5.8**	**0.3 - 0.8**	**2.0 - 2.8**	**5.2 - 5.8**	**0.3 - 0.8**	**3.2 - 3.9**	**5 - 5.5**
VOCs (mg/kg)													
1,2,4-Trimethylbenzene	<0.5	<0.0072	**0.0128**	**0.854**	<0.0072	<0.0073	**0.0491**	<0.0068	<0.0056	**0.0047**	**0.158**	<0.0062	<0.0066
1,3,5-Trimethylbenzene	<0.5	<0.0072	<0.0071	<0.46	<0.0072	<0.0073	**0.0042**	<0.0068	<0.0056	<0.0061	**0.0541**	<0.0062	<0.0066
1-Chlorohexane	<0.5	<0.0072	<0.0071	<0.46	<0.0072	<0.0073	<0.007	<0.0068	<0.0056	<0.0061	<0.007	<0.0062	<0.0066
2-Hexanone	<0.5	<0.036	<0.035	<2.3	<0.036	<0.037	<0.035	<0.034	<0.028	<0.03	<0.035	<0.031	<0.033
4-Methyl-2-pentanone	<0.5	<0.036	<0.035	<2.3	<0.036	<0.037	<0.035	<0.034	<0.028	<0.03	<0.035	<0.031	<0.033
Acetone	<0.5	<0.072	<0.071	<4.6	<0.072	<0.073	<0.07	<0.068	<0.056	<0.061	**0.0381**	<0.062	<0.066
Carbon disulfide	<0.5	**0.006**	<0.0071	<0.46	<0.0072	**0.0039**	**0.008**	<0.0068	<0.0056	**0.0058**	**0.0061**	<0.0062	<0.0066
Ethylbenzene	<0.5	<0.0072	<0.0071	**0.809**	<0.0072	<0.0073	**0.0286**	<0.0068	<0.0056	**0.0094**	**0.0452**	<0.0062	<0.0066
Hexane	NA	<0.0072	<0.0071	<0.46	<0.0072	<0.0073	<0.007	<0.0068	<0.0056	<0.0061	<0.007	<0.0062	<0.0066
Isopropylbenzene	<0.5	<0.0072	<0.0071	**0.765**	<0.0072	<0.0073	**0.0065**	<0.0068	<0.0056	**0.013**	**0.0332**	<0.0062	<0.0066
Methyl ethyl ketone	<10	<0.036	<0.035	<2.3	<0.036	<0.037	**0.0353**	<0.034	<0.028	<0.03	<0.035	<0.031	<0.033
Methylene chloride	<0.5	<0.014	<0.014	<0.93	<0.014	<0.015	<0.014	<0.014	<0.011	<0.012	<0.014	<0.012	<0.013
Naphthalene	<0.5	<0.0072	**0.066**	**0.37**	**0.0608**	**0.0637**	**0.083**	<0.0068	<0.0056	**0.0566**	**0.1095**	<0.0062	<0.0066
n-Butylbenzene	<0.5	<0.0072	**0.0069**	**2.01**	<0.0072	<0.0073	**0.005**	<0.0071	<0.0056	<0.0061	**0.0306**	<0.0062	<0.0066
n-Propylbenzene	<0.5	<0.0072	**0.0029**	**1.23**	<0.0072	<0.0073	**0.0078**	<0.0068	<0.0056	**0.0114**	**0.0455**	<0.0062	<0.0066
p-Isopropyltoluene	<0.5	<0.0072	<0.0071	**0.753**	<0.0072	<0.0073	**0.0034**	<0.0068	<0.0056	<0.0061	**0.0269**	<0.0062	<0.0066
sec-Butylbenzene	<0.5	<0.0072	**0.008**	**1.75**	<0.0072	**0.0137**	**0.0049**	<0.0071	<0.0056	**0.0574**	**0.0401**	<0.0062	<0.0066
Tetrachloroethylene	<0.5	<0.0072	<0.0071	<0.46	<0.0072	<0.0073	<0.007	<0.0068	<0.0056	<0.0061	<0.007	<0.0062	<0.0066
Xylenes (total)	<0.5	<0.0212	<0.0211	<1.39	<0.0212	<0.0223	**0.0198**	<0.0208	<0.0166	<0.0181	**0.0089**	<0.0182	<0.0196
SVOCs (mg/kg)													
2-Methylnaphthalene	<0.999	<0.23	<0.22	**0.415**	<0.23	<0.24	<0.22	<0.22	<0.23	<0.22	<0.22	<0.22	<0.22
Benzo[g,h,i]perylene	<0.999	<0.23	<0.22	<0.24	<0.23	<0.24	<0.22	<0.22	<0.23	<0.22	<0.22	<0.22	<0.22
Dibenzofuran	<0.999	<0.23	<0.22	**0.0933**	<0.23	<0.24	<0.22	<0.22	<0.23	<0.22	<0.22	<0.22	<0.22
Diethyl phthalate	<0.999	<0.45	<0.45	<0.48	**0.712**	<0.48	<0.45	**1.15**	<0.45	<0.45	<0.44	<0.43	<0.45
Fluorene	<0.999	<0.23	<0.22	<0.24	<0.23	<0.24	<0.22	<0.22	<0.23	<0.22	<0.22	<0.22	<0.22
TPHs (mg/kg)													
TPHs (C10-C36)	<80	<22	<22	**93.4**	**16.17**	<24	<22	<22	<22	**46.5**	**49.2**	<22	<22

Notes:
ft bgs = Feet below ground surface
mg/kg = Milligrams per kilogram
NA = Not analyzed
Value in bold = Detected
VOCs = Volatile Organic Compounds
SVOCs = Semi-Volatile Organic Compounds
TPHs = Total Petroleum Hydrocarbons
EX = Excavation Confirmation Sample
SB = Soil Boring Sample
SW = Sidewall (Excavation Confirmation) Sample
A/FD = Denotes a field duplicate sample
< = Not detected-Reporting Limit shown

Table 9-1(b)
Soil Analytical Results Used for Risk Assessment
West POL ACM Completion Report
Holloman AFB, New Mexico
NationView Project No.: 8090012

Sample Identification	SB06	SB06	SB06	SB07	SB07	SB07	SB08	SB08	SB08	SB09	SB09	SB09	SB10
Date Sampled	**10/5/2005**	**10/5/2005**	**10/5/2005**	**10/5/2005**	**10/5/2005**	**10/5/2005**	**10/5/2005**	**10/5/2005**	**10/5/2005**	**10/6/2005**	**10/6/2005**	**10/6/2005**	**10/6/2005**
Depth (ft bgs)	**2.3 - 3.3**	**0.3 - 1**	**5.2 - 5.8**	**0.3 - 0.8**	**0.8 - 1.7**	**4.3 - 4.7**	**0.3 - 0.7**	**2.8 - 3.3**	**5 - 5.7**	**0.3 - 1.3**	**2.8 - 3.6**	**5.3 - 5.9**	**2.5 - 2.8**
VOCs (mg/kg)													
1,2,4-Trimethylbenzene	<0.0067	<0.0076	<0.0068	<0.0069	<0.0068	**0.532**	<0.0065	<0.0056	<0.0068	<0.0067	<0.0046	<0.0068	<0.0069
1,3,5-Trimethylbenzene	<0.0067	<0.0076	<0.0068	<0.0069	<0.0068	<0.39	<0.0065	<0.0056	<0.0068	<0.0067	<0.0046	<0.0068	<0.0069
1-Chlorohexane	<0.0067	<0.0076	<0.0068	<0.0069	<0.0068	<0.39	<0.0065	<0.0056	<0.0068	<0.0067	<0.0046	<0.0068	<0.0069
2-Hexanone	<0.033	<0.038	<0.034	<0.035	<0.034	<2	<0.032	<0.028	<0.034	<0.033	<0.023	<0.034	<0.034
4-Methyl-2-pentanone	<0.033	<0.038	<0.034	<0.035	<0.034	<2	<0.032	<0.028	<0.034	<0.033	<0.023	<0.034	<0.034
Acetone	<0.067	<0.076	<0.068	<0.069	<0.068	<3.9	<0.065	<0.056	<0.068	<0.067	<0.046	<0.068	<0.069
Carbon disulfide	<0.0067	<0.0076	**0.0045**	<0.0069	<0.0068	<0.39	<0.0065	<0.0056	<0.0068	<0.0067	<0.0046	<0.0068	<0.0069
Ethylbenzene	<0.0067	<0.0076	<0.0068	<0.0069	<0.0068	**0.99**	<0.0065	<0.0056	<0.0068	<0.0067	<0.0046	**0.0446**	<0.0069
Hexane	<0.0067	<0.0076	<0.0068	<0.0069	<0.0068	<0.39	<0.0065	<0.0056	<0.0068	<0.0067	<0.0046	<0.0068	<0.0069
Isopropylbenzene	<0.0067	<0.0076	<0.0068	<0.0069	<0.0068	**1.41**	<0.0065	<0.0056	<0.0068	<0.0067	<0.0046	**0.0289**	<0.0069
Methyl ethyl ketone	<0.033	<0.038	<0.034	<0.035	<0.034	<2	<0.032	<0.028	<0.034	<0.033	<0.023	<0.034	<0.034
Methylene chloride	<0.013	<0.015	<0.014	<0.014	<0.014	<0.78	<0.013	<0.011	<0.014	**0.0238**	**0.0122**	**0.0184**	**0.0217**
Naphthalene	<0.0067	<0.0076	<0.0068	<0.0069	**0.05965**	<0.22	<0.0065	<0.0056	<0.0068	<0.0067	**0.05615**	<0.0068	<0.0069
n-Butylbenzene	<0.0067	<0.0076	<0.0068	<0.0069	<0.0068	**1.87**	<0.0065	<0.0056	<0.0068	<0.0067	<0.0046	<0.0068	<0.0069
n-Propylbenzene	<0.0067	<0.0076	<0.0068	<0.0069	<0.0068	**2.44**	<0.0065	<0.0056	<0.0068	<0.0067	<0.0046	**0.0148**	<0.0069
p-Isopropyltoluene	<0.0067	<0.0076	<0.0068	<0.0069	<0.0068	**0.711**	<0.0065	<0.0056	<0.0068	<0.0067	<0.0046	<0.0068	<0.0069
sec-Butylbenzene	<0.0067	<0.0076	<0.0068	<0.0069	<0.0068	**3.43**	<0.0065	<0.0056	<0.0068	<0.0067	<0.0046	**0.0542**	<0.0069
Tetrachloroethylene	<0.0067	**0.0426**	<0.0068	<0.0069	<0.0068	<0.39	<0.0065	<0.0056	<0.0068	<0.0067	<0.0046	<0.0068	<0.0069
Xylenes (total)	<0.0197	<0.0226	<0.0208	<0.0209	<0.0208	<1.17	<0.0195	<0.0166	<0.0208	<0.0197	<0.0139	<0.0208	<0.0209
SVOCs (mg/kg)													
2-Methylnaphthalene	<0.23	<0.25	<0.23	<0.23	<0.23	<0.22	<0.21	<0.22	<0.22	<0.22	<0.22	<0.22	<0.21
Benzo[g,h,i]perylene	<0.23	<0.25	<0.23	<0.23	<0.23	<0.22	<0.21	<0.22	<0.22	<0.22	<0.22	<0.22	<0.21
Dibenzofuran	<0.23	<0.25	<0.23	<0.23	<0.23	**0.159**	<0.21	<0.22	<0.22	<0.22	<0.22	<0.22	<0.21
Diethyl phthalate	<0.47	<0.49	<0.46	<0.47	<0.47	<0.43	<0.42	<0.43	<0.44	<0.43	<0.44	<0.44	<0.42
Fluorene	<0.23	<0.25	<0.23	<0.23	<0.23	**0.0535**	<0.21	<0.22	<0.22	<0.22	<0.22	<0.22	<0.21
TPHs (mg/kg)													
TPHs (C10-C36)	<24	<24	<24	<24	**13.5**	**583**	<22	<22	<22	<22	<22	**127**	<20

Notes:
ft bgs = Feet below ground surface
mg/kg = Milligrams per kilogram
NA = Not analyzed
Value in bold = Detected
VOCs = Volatile Organic Compounds
SVOCs = Semi-Volatile Organic Compounds
TPHs = Total Petroleum Hydrocarbons
EX = Excavation Confirmation Sample
SB = Soil Boring Sample
SW = Sidewall (Excavation Confirmation) Sample
A/FD = Denotes a field duplicate sample
< = Not detected-Reporting Limit shown

Table 9-1(b)
Soil Analytical Results Used for Risk Assessment
West POL ACM Completion Report
Holloman AFB, New Mexico
NationView Project No.: 8090012

Sample Identification	SB10	SB10	SB11	SB11	SB11	SB12	SB12	SB12	SB13	SB13	SB13	SB14	SB14
Date Sampled	**10/6/2005**	**10/6/2005**	**10/6/2005**	**10/6/2005**	**10/6/2005**	**10/6/2005**	**10/6/2005**	**10/6/2005**	**10/6/2005**	**10/6/2005**	**10/6/2005**	**10/6/2005**	**10/6/2005**
Depth (ft bgs)	**4.7 - 5.2**	**7.8 - 8.7**	**0 - 0.5**	**2.8 - 3.1**	**4.5 - 6.7**	**0.3 - 0.9**	**2.7 - 3.4**	**5.1 - 5.8**	**0.3 - 1.6**	**2.3 - 2.9**	**5 - 5.7**	**0.3 - 0.9**	**2.8 - 3.3**
VOCs (mg/kg)													
1,2,4-Trimethylbenzene	<0.0072	<0.008	<0.0066	<0.0063	<0.0065	<0.0059	<0.0061	<0.0072	<0.0078	<0.0063	<0.007	<0.0061	<0.0065
1,3,5-Trimethylbenzene	<0.0072	<0.008	<0.0066	<0.0063	<0.0065	<0.0059	<0.0061	<0.0072	<0.0078	<0.0063	<0.007	<0.0061	<0.0065
1-Chlorohexane	<0.0072	<0.008	<0.0066	<0.0063	<0.0065	<0.0059	<0.0061	<0.0072	<0.0078	<0.0063	<0.007	<0.0061	<0.0065
2-Hexanone	<0.036	<0.04	<0.033	<0.031	<0.033	<0.03	<0.031	<0.036	<0.039	<0.031	<0.035	<0.031	<0.033
4-Methyl-2-pentanone	<0.036	<0.04	<0.033	<0.031	<0.033	<0.03	<0.031	<0.036	<0.039	<0.031	<0.035	<0.031	<0.033
Acetone	<0.072	<0.08	<0.066	<0.063	<0.065	<0.059	<0.061	<0.072	<0.078	<0.063	<0.07	<0.061	<0.065
Carbon disulfide	<0.0072	<0.008	<0.0066	<0.0063	<0.0065	<0.0059	<0.0061	<0.0072	<0.0078	<0.0063	**0.0059**	<0.0061	<0.0065
Ethylbenzene	<0.0072	<0.008	<0.0066	<0.0063	<0.0065	<0.0059	<0.0061	<0.0072	<0.0078	<0.0063	<0.007	<0.0061	<0.0065
Hexane	<0.0072	<0.008	<0.0066	<0.0063	<0.0065	<0.0059	<0.0061	<0.0072	<0.0078	<0.0063	<0.007	<0.0061	<0.0065
Isopropylbenzene	<0.0072	<0.008	<0.0066	<0.0063	<0.0065	<0.0059	<0.0061	<0.0072	<0.0078	<0.0063	**0.0042**	<0.0061	<0.0065
Methyl ethyl ketone	<0.036	<0.04	<0.033	<0.031	<0.033	<0.03	<0.031	<0.036	<0.039	<0.031	<0.035	<0.031	<0.033
Methylene chloride	**0.0188**	**0.0164**	**0.0206**	**0.0109**	**0.0132**	**0.0106**	**0.0081**	<0.014	**0.0224**	**0.0168**	**0.0164**	**0.0115**	**0.015**
Naphthalene	<0.0072	<0.008	<0.0066	<0.0063	<0.0065	<0.0059	<0.0061	<0.0072	<0.0078	<0.0063	<0.007	<0.0061	<0.0065
n-Butylbenzene	<0.0072	<0.008	<0.0066	<0.0063	<0.0065	<0.0059	<0.0061	<0.0072	<0.0078	<0.0063	<0.007	<0.0061	<0.0065
n-Propylbenzene	<0.0072	<0.008	<0.0066	<0.0063	<0.0065	<0.0059	<0.0061	<0.0072	<0.0078	<0.0063	<0.007	<0.0061	<0.0065
p-Isopropyltoluene	<0.0072	<0.008	<0.0066	<0.0063	<0.0065	<0.0059	<0.0061	<0.0072	<0.0078	<0.0063	<0.007	<0.0061	<0.0065
sec-Butylbenzene	<0.0072	<0.008	<0.0066	<0.0063	<0.0065	<0.0059	<0.0061	<0.0072	<0.0078	<0.0063	**0.0357**	<0.0061	<0.0065
Tetrachloroethylene	<0.0072	<0.008	<0.0066	<0.0063	<0.0065	<0.0059	<0.0061	<0.0072	<0.0078	<0.0063	<0.007	<0.0061	<0.0065
Xylenes (total)	<0.0212	<0.024	<0.0196	<0.0193	<0.0195	<0.0179	<0.0181	<0.0212	<0.0238	<0.0193	<0.021	<0.0181	<0.0195
SVOCs (mg/kg)													
2-Methylnaphthalene	<0.22	<0.24	<0.21	<0.21	<0.22	<0.22	<0.23	<0.23	<0.24	<0.21	<0.24	<0.21	<0.21
Benzo[g,h,i]perylene	<0.22	<0.24	<0.21	<0.21	<0.22	<0.22	<0.23	<0.23	<0.24	<0.21	<0.24	<0.21	<0.21
Dibenzofuran	<0.22	<0.24	<0.21	<0.21	<0.22	<0.22	<0.23	<0.23	<0.24	<0.21	<0.24	<0.21	<0.21
Diethyl phthalate	<0.44	<0.48	<0.42	<0.42	<0.43	<0.45	<0.47	<0.46	<0.48	<0.43	<0.48	<0.43	<0.42
Fluorene	<0.22	<0.24	<0.21	<0.21	<0.22	<0.22	<0.23	<0.23	<0.24	<0.21	<0.24	<0.21	<0.21
TPHs (mg/kg)													
TPHs (C10-C36)	<22	<24	**13.21**	<22	<22	<22	<24	<24	<24	<22	**24.8**	**37.2**	<22

Notes:
ft bgs = Feet below ground surface
mg/kg = Milligrams per kilogram
NA = Not analyzed
Value in bold = Detected
VOCs = Volatile Organic Compounds
SVOCs = Semi-Volatile Organic Compounds
TPHs = Total Petroleum Hydrocarbons
EX = Excavation Confirmation Sample
SB = Soil Boring Sample
SW = Sidewall (Excavation Confirmation) Sample
A/FD = Denotes a field duplicate sample
< = Not detected-Reporting Limit shown

Table 9-1(b)
Soil Analytical Results Used for Risk Assessment
West POL ACM Completion Report
Holloman AFB, New Mexico
NationView Project No.: 8090012

Sample Identification	SB14	SB15	SB15	SB15 (Avg)	SB16	SB16	SB16	SB17 (Avg)	SB17 (Avg)	SB17 (Avg)	SB18	SB18	SB18
Date Sampled	**10/6/2005**	**10/6/2005**	**10/6/2005**	**10/6/2005**	**10/11/2005**	**10/11/2005**	**10/11/2005**	**10/11/2005**	**10/11/2005**	**10/11/2005**	**10/11/2005**	**10/11/2005**	**10/11/2005**
Depth (ft bgs)	**4.8 - 5.5**	**0.3 - 1.1**	**1.8 - 3.4**	**5.6 - 7.4**	**0.3 - 0.8**	**2.7 - 3.1**	**4.8 - 5.6**	**0.3 - 0.9**	**2.6 - 3.2**	**5.0 - 5.6**	**0.3 - 0.8**	**2.6 - 3.2**	**5.1 - 5.7**
VOCs (mg/kg)													
1,2,4-Trimethylbenzene	<0.006	<0.0067	<0.0075	<0.00695	<0.0055	<0.0054	<0.0046	<0.0055	<0.00585	<0.00605	<0.0057	<0.0061	<0.0062
1,3,5-Trimethylbenzene	<0.006	<0.0067	<0.0075	<0.00695	<0.0055	<0.0054	<0.0046	<0.0055	<0.00585	<0.00605	<0.0057	<0.0061	<0.0062
1-Chlorohexane	<0.006	<0.0067	<0.0075	<0.00695	<0.0055	<0.0054	<0.0046	<0.0055	<0.00585	<0.00605	<0.0057	<0.0061	<0.0062
2-Hexanone	<0.03	<0.033	<0.037	<0.0345	<0.028	<0.027	<0.023	<0.0275	<0.0295	<0.03	<0.029	<0.031	<0.031
4-Methyl-2-pentanone	<0.03	<0.033	<0.037	<0.0345	<0.028	<0.027	<0.023	<0.0275	<0.0295	<0.03	<0.029	<0.031	<0.031
Acetone	<0.06	<0.067	<0.075	<0.0695	<0.055	<0.054	<0.046	<0.055	<0.0585	<0.0605	<0.057	<0.061	<0.062
Carbon disulfide	**0.0049**	<0.0067	<0.0075	<0.00695	<0.0055	<0.0054	<0.0046	<0.0055	<0.00585	<0.00605	<0.0057	<0.0061	<0.0062
Ethylbenzene	<0.006	<0.0067	<0.0075	<0.00695	<0.0055	<0.0054	<0.0046	<0.0055	<0.00585	<0.00605	<0.0057	<0.0061	<0.0062
Hexane	<0.006	<0.0067	<0.0075	<0.00695	<0.0055	<0.0054	<0.0046	<0.0055	<0.00585	<0.00605	<0.0057	<0.0061	<0.0062
Isopropylbenzene	<0.006	<0.0067	<0.0075	<0.00695	<0.0055	<0.0054	<0.0046	<0.0055	<0.00585	<0.00605	<0.0057	<0.0061	<0.0062
Methyl ethyl ketone	<0.03	<0.033	<0.037	<0.0345	<0.028	<0.027	<0.023	<0.0275	<0.0295	<0.03	<0.029	<0.031	<0.031
Methylene chloride	**0.0126**	**0.0128**	**0.0107**	**0.0205**	<0.011	<0.011	<0.0091	<0.011	<0.0119	<0.012	<0.011	<0.012	<0.012
Naphthalene	<0.006	<0.0067	<0.0075	<0.00695	<0.0055	<0.0054	<0.0046	<0.0055	<0.00585	<0.00605	<0.0057	<0.0061	<0.0062
n-Butylbenzene	<0.006	<0.0067	<0.0075	<0.00695	<0.0055	<0.0054	<0.0046	<0.0055	<0.00585	<0.00605	<0.0057	<0.0061	<0.0062
n-Propylbenzene	<0.006	<0.0067	<0.0075	<0.00695	<0.0055	<0.0054	<0.0046	<0.0055	<0.00585	<0.00605	<0.0057	<0.0061	<0.0062
p-Isopropyltoluene	<0.006	<0.0067	<0.0075	<0.00695	<0.0055	<0.0054	<0.0046	<0.0055	<0.00585	<0.00605	<0.0057	<0.0061	<0.0062
sec-Butylbenzene	<0.006	<0.0067	<0.0075	<0.00695	<0.0055	<0.0054	<0.0046	<0.0055	<0.00585	<0.00605	<0.0057	<0.0061	<0.0062
Tetrachloroethylene	<0.006	<0.0067	<0.0075	<0.00695	<0.0055	<0.0054	<0.0046	<0.0055	<0.00585	<0.00605	<0.0057	<0.0061	<0.0062
Xylenes (total)	<0.018	<0.0197	<0.0225	<0.02045	<0.0165	<0.0164	<0.0137	<0.0165	<0.01775	<0.01805	<0.0167	<0.0181	<0.0182
SVOCs (mg/kg)													
2-Methylnaphthalene	<0.23	<0.23	<0.23	<0.225	<0.19	<0.19	<0.2	<0.2	<0.215	<0.215	<0.21	<0.23	<0.23
Benzo[g,h,i]perylene	<0.23	<0.23	<0.23	<0.225	<0.19	<0.19	<0.2	<0.2	<0.215	<0.215	<0.21	<0.23	<0.23
Dibenzofuran	<0.23	<0.23	<0.23	<0.225	<0.19	<0.19	<0.2	<0.2	<0.215	<0.215	<0.21	<0.23	<0.23
Diethyl phthalate	<0.47	<0.45	<0.45	<0.455	<0.38	<0.39	<0.4	**0.165**	**0.1615**	<0.43	**1**	<0.46	<0.46
Fluorene	<0.23	<0.23	<0.23	<0.225	<0.19	<0.19	<0.2	<0.2	<0.215	<0.215	<0.21	<0.23	<0.23
TPHs (mg/kg)													
TPHs (C10-C36)	<24	<22	<22	<22	<19.2	<19	<19.8	**15**	<21.8	<20.9	**13.41**	<22	<22

Notes:
ft bgs = Feet below ground surface
mg/kg = Milligrams per kilogram
NA = Not analyzed
Value in bold = Detected
VOCs = Volatile Organic Compounds
SVOCs = Semi-Volatile Organic Compounds
TPHs = Total Petroleum Hydrocarbons
EX = Excavation Confirmation Sample
SB = Soil Boring Sample
SW = Sidewall (Excavation Confirmation) Sample
A/FD = Denotes a field duplicate sample
< = Not detected-Reporting Limit shown

Table 9-1(b)
Soil Analytical Results Used for Risk Assessment
West POL ACM Completion Report
Holloman AFB, New Mexico
NationView Project No.: 8090012

Sample Identification	SB19 (Avg)	SB19 (Avg)	SB19 (Avg)	SB20	SB20	SB20	SB21 (Avg)	SB21 (Avg)	SB21 (Avg)	SW20	SW21	SW22	SW23A
Date Sampled	**10/11/2005**	**10/11/2005**	**10/11/2005**	**10/11/2005**	**10/11/2005**	**10/11/2005**	**10/11/2005**	**10/11/2005**	**10/11/2005**	**10/5/2006**	**10/5/2006**	**10/5/2006**	**10/17/2006**
Depth (ft bgs)	**0.3 - 1**	**2.4 - 3.4**	**4.7 - 6**	**0.3 - 0.8**	**2.5 - 3.3**	**5.2 - 5.8**	**0.6 - 1**	**2.7 - 3.1**	**5.2 - 5.8**	**3 - 5**	**3 - 5**	**3 - 5**	**3 - 5**
VOCs (mg/kg)													
1,2,4-Trimethylbenzene	<0.00595	<0.0058	<0.00635	<0.0066	<0.006	<0.0073	**0.00715**	<0.0056	<0.0063	<1.8	<0.0058	<0.66	<0.0056
1,3,5-Trimethylbenzene	<0.00595	<0.0058	<0.00635	<0.0066	<0.006	<0.0073	**0.0063**	<0.0056	<0.0063	**4.1**	<0.0058	<0.66	<0.0056
1-Chlorohexane	<0.00595	<0.0058	<0.00635	<0.0066	<0.006	<0.0073	<0.00505	<0.0056	<0.0063	<1.8	<0.0058	<0.66	<0.0056
2-Hexanone	<0.0295	<0.0285	<0.0315	<0.033	<0.03	<0.036	<0.025	<0.028	<0.0315	<8.9	<0.029	<3.3	<0.028
4-Methyl-2-pentanone	<0.0295	<0.0285	<0.0315	<0.033	<0.03	<0.036	<0.025	<0.028	<0.0315	<8.9	<0.029	<3.3	<0.028
Acetone	<0.0595	<0.058	<0.0635	<0.066	<0.06	<0.073	<0.0505	<0.056	<0.063	<18	<0.058	<6.6	<0.056
Carbon disulfide	<0.00595	<0.0058	<0.00635	<0.0066	<0.006	<0.0073	<0.00505	<0.0056	<0.0063	<1.8	**0.0035**	<0.66	<0.0056
Ethylbenzene	<0.00595	<0.0058	<0.00635	<0.0066	<0.006	<0.0073	<0.00505	<0.0056	<0.0063	**2.6**	<0.0058	<0.66	<0.0056
Hexane	<0.00595	<0.0058	<0.00635	<0.0066	<0.006	<0.0073	<0.00505	<0.0056	<0.0063	<1.8	<0.0058	<0.66	<0.0056
Isopropylbenzene	<0.00595	<0.0058	<0.00635	<0.0066	<0.006	<0.0073	<0.00505	<0.0056	<0.0063	**2**	<0.0058	<0.66	<0.0056
Methyl ethyl ketone	<0.0295	<0.0285	<0.0315	<0.033	<0.03	<0.036	<0.025	<0.028	<0.0315	<8.9	<0.029	<3.3	<0.028
Methylene chloride	<0.012	<0.0115	<0.0125	<0.013	<0.012	<0.015	<0.01	<0.011	<0.0125	<1.8	<0.0058	<0.66	<0.0056
Naphthalene	<0.00595	<0.0058	<0.00635	<0.0066	<0.006	<0.0073	**0.027075**	<0.0056	<0.0063	<0.5	<0.0058	<0.47	<0.0056
n-Butylbenzene	<0.00595	<0.0058	<0.00635	<0.0066	<0.006	<0.0073	<0.00505	<0.0056	<0.0063	**9.1**	<0.0058	**0.34**	<0.0056
n-Propylbenzene	<0.00595	<0.0058	<0.00635	<0.0066	<0.006	<0.0073	<0.00505	<0.0056	<0.0063	**3.4**	<0.0058	<0.66	<0.0056
p-Isopropyltoluene	<0.00595	<0.0058	<0.00635	<0.0066	<0.006	<0.0073	<0.00505	<0.0056	<0.0063	**6.5**	<0.0058	<0.66	<0.0056
sec-Butylbenzene	<0.00595	<0.0058	<0.00635	<0.0066	<0.006	<0.0073	<0.00505	<0.0056	<0.0063	**7.9**	**0.0017**	**0.47**	<0.0056
Tetrachloroethylene	<0.00595	<0.0058	<0.00635	<0.0066	<0.006	<0.0073	<0.00505	<0.0056	<0.0063	<1.8	<0.0058	<0.66	<0.0056
Xylenes (total)	<0.01795	<0.0173	<0.01885	<0.0196	<0.018	<0.0223	<0.01505	<0.0166	<0.0188	<5.3	<0.0178	<1.96	<0.0166
SVOCs (mg/kg)													
2-Methylnaphthalene	<0.2	<0.22	<0.23	<0.22	<0.23	<0.23	<0.195	<0.21	<0.23	<0.5	<0.46	<0.47	<0.43
Benzo[g,h,i]perylene	<0.2	<0.22	<0.23	<0.22	<0.23	<0.23	<0.195	<0.21	<0.23	<0.5	<0.46	<0.47	<0.43
Dibenzofuran	<0.2	<0.22	<0.23	<0.22	<0.23	<0.23	<0.195	<0.21	<0.23	<0.5	<0.46	<0.47	<0.43
Diethyl phthalate	<0.4	**0.4565**	<0.46	<0.44	<0.45	<0.46	<0.395	<0.425	<0.47	<0.5	<0.46	<0.47	<0.43
Fluorene	<0.2	<0.22	<0.23	<0.22	<0.23	<0.23	<0.195	<0.21	<0.23	**0.17**	<0.46	<0.47	<0.43
TPHs (mg/kg)													
TPHs (C10-C36)	<19.9	<22	**20.55**	<22	<22	<22	**38.1**	<22	<23	**4,030**	**16.5**	**352**	**31**

Notes:
ft bgs = Feet below ground surface
mg/kg = Milligrams per kilogram
NA = Not analyzed
Value in bold = Detected
VOCs = Volatile Organic Compounds
SVOCs = Semi-Volatile Organic Compounds
TPHs = Total Petroleum Hydrocarbons
EX = Excavation Confirmation Sample
SB = Soil Boring Sample
SW = Sidewall (Excavation Confirmation) Sample
A/FD = Denotes a field duplicate sample
< = Not detected-Reporting Limit shown

Table 9-1(b)
Soil Analytical Results Used for Risk Assessment
West POL ACM Completion Report
Holloman AFB, New Mexico
NationView Project No.: 8090012

Sample Identification	SW23B	SW23C	SW24	SW25	SW26	SW27	SW28	SW29	SW30	SW31	SB23 (Avg)	SB23	SB24 (Avg)
Date Sampled	**10/17/2006**	**10/17/2006**	**10/5/2006**	**10/12/2006**	**10/12/2006**	**10/12/2006**	**10/12/2006**	**10/16/2006**	**10/16/2006**	**10/16/2006**	**8/24/2009**	**8/24/2009**	**8/24/2009**
Depth (ft bgs)	**3 - 5**	**3 - 5**	**3 - 5**	**3 - 5**	**3 - 5**	**3 - 5**	**3 - 5**	**3 - 5**	**3 - 5**	**3 - 5**	**6**	**10**	**8**
VOCs (mg/kg)													
1,2,4-Trimethylbenzene	<0.0061	<0.0055	<0.0049	<0.0057	**48**	**22**	**2.2**	<0.0066	<0.0056	<0.0074	<0.0055	<0.0056	<0.00585
1,3,5-Trimethylbenzene	<0.0061	<0.0055	<0.0049	<0.0057	**8.2**	**5**	**0.69**	<0.0066	<0.0056	<0.0074	<0.0055	<0.0056	<0.00585
1-Chlorohexane	<0.0061	<0.0055	<0.0049	<0.0057	<1.6	<0.75	**0.16**	<0.0066	<0.0056	<0.0074	<0.0055	<0.0056	<0.00585
2-Hexanone	<0.031	<0.028	<0.025	<0.029	<8	<3.8	**1**	<0.033	<0.028	<0.037	<0.0275	<0.028	<0.029
4-Methyl-2-pentanone	<0.031	<0.028	<0.025	<0.029	<8	<3.8	<1.3	<0.033	<0.028	<0.037	<0.0275	<0.028	<0.029
Acetone	<0.061	<0.055	<0.049	<0.057	<16	<7.5	<2.7	<0.066	<0.056	<0.074	<0.055	<0.056	<0.0585
Carbon disulfide	<0.0061	<0.0055	<0.0049	<0.0057	<1.6	<0.75	<0.27	<0.0066	<0.0056	<0.0074	<0.0055	<0.0056	**0.0059**
Ethylbenzene	<0.0061	<0.0055	<0.0049	<0.0057	**4.9**	**2.1**	**0.33**	<0.0066	<0.0056	<0.0074	<0.0055	<0.0056	<0.00585
Hexane	<0.0061	<0.0055	<0.0049	<0.0057	<1.6	<0.75	<0.27	<0.0066	<0.0056	<0.0074	<0.0055	<0.0056	<0.00585
Isopropylbenzene	<0.0061	<0.0055	<0.0049	<0.0057	**3.5**	**1.5**	**0.31**	<0.0066	<0.0056	<0.0074	<0.0055	<0.0056	<0.00585
Methyl ethyl ketone	<0.031	<0.028	<0.025	<0.029	<8	<3.8	<1.3	<0.033	<0.028	<0.037	<0.0275	<0.028	<0.029
Methylene chloride	<0.0061	<0.0055	<0.0049	<0.0057	<1.6	<0.75	**0.11**	<0.0066	<0.0056	<0.0074	<0.011	<0.011	**0.0086**
Naphthalene	<0.0061	<0.0055	<0.0049	<0.0057	**10.5**	**5.1**	**2.4**	<0.0066	<0.0056	<0.0074	<0.0055	<0.0056	<0.00585
n-Butylbenzene	<0.0061	<0.0055	<0.0049	<0.0057	**21**	**9.2**	**2.6**	<0.0066	<0.0056	<0.0074	<0.0055	<0.0056	<0.00585
n-Propylbenzene	<0.0061	<0.0055	<0.0049	<0.0057	**6.9**	**3**	**0.62**	<0.0066	<0.0056	<0.0074	<0.0055	<0.0056	<0.00585
p-Isopropyltoluene	<0.0061	<0.0055	<0.0049	<0.0057	**9.8**	**5.2**	**1.5**	<0.0066	<0.0056	<0.0074	<0.0055	<0.0056	<0.00585
sec-Butylbenzene	<0.0061	<0.0055	<0.0049	<0.0057	**10**	**4.8**	**1.6**	<0.0066	<0.0056	<0.0074	<0.0055	<0.0056	**0.0018**
Tetrachloroethylene	<0.0061	<0.0055	<0.0049	<0.0057	<1.6	<0.75	<0.27	<0.0066	<0.0056	<0.0074	<0.0055	<0.0056	<0.00585
Xylenes (total)	<0.0181	<0.0165	<0.0148	<0.0167	**2.8**	**1.235**	**0.245**	<0.0196	<0.0166	<0.0224	<0.0165	<0.0166	<0.01735
SVOCs (mg/kg)													
2-Methylnaphthalene	<0.43	<0.44	<0.45	<0.39	**9**	**6.7**	**2.8**	<0.47	<0.46	<0.45	<0.2	<0.2	<0.2
Benzo[g,h,i]perylene	<0.43	<0.44	<0.45	**0.029**	<4.8	<0.47	<0.47	<0.47	<0.46	<0.45	<0.2	<0.2	<0.2
Dibenzofuran	<0.43	<0.44	<0.45	<0.39	<4.8	<0.47	<0.47	<0.47	<0.46	<0.45	<0.2	<0.2	<0.2
Diethyl phthalate	<0.43	<0.44	<0.45	<0.39	<4.8	<0.47	<0.47	<0.47	<0.46	<0.45	<0.395	<0.41	<0.395
Fluorene	<0.43	<0.44	<0.45	<0.39	<4.8	**0.1**	<0.47	<0.47	<0.46	<0.45	<0.2	<0.2	<0.2
TPHs (mg/kg)													
TPHs (C10-C36)	**14.7**	<26.3	**14.3**	**90**	**2,925**	**1,920**	**684**	<28.7	<28.6	<27.5	<20	<20	**27.8**

Notes:
ft bgs = Feet below ground surface
mg/kg = Milligrams per kilogram
NA = Not analyzed
Value in bold = Detected
VOCs = Volatile Organic Compounds
SVOCs = Semi-Volatile Organic Compounds
TPHs = Total Petroleum Hydrocarbons
EX = Excavation Confirmation Sample
SB = Soil Boring Sample
SW = Sidewall (Excavation Confirmation) Sample
A/FD = Denotes a field duplicate sample
< = Not detected-Reporting Limit shown

Table 9-1(b)
Soil Analytical Results Used for Risk Assessment
West POL ACM Completion Report
Holloman AFB, New Mexico
NationView Project No.: 8090012

Sample Identification	SB24	SB25	SB25	SB26	SB26	SB27	SB27	SB28	SB28	SB30	SB30	SW1	SW2
Date Sampled	**8/24/2009**	**8/24/2009**	**8/24/2009**	**8/24/2009**	**8/24/2009**	**8/24/2009**	**8/24/2009**	**8/24/2009**	**8/24/2009**	**10/8/2009**	**10/8/2009**	**3/5/2010**	**3/5/2010**
Depth (ft bgs)	**10**	**5**	**10**	**2**	**10**	**6**	**9**	**3**	**9**	**6**	**6 - 7.5**	**8**	**8**
VOCs (mg/kg)													
1,2,4-Trimethylbenzene	<0.0055	<0.0055	<0.0052	<0.0047	<0.0051	<0.0051	<0.0056	<0.37	<0.36	<0.0057	<0.0056	<0.0067	<0.0058
1,3,5-Trimethylbenzene	<0.0055	<0.0055	<0.0052	<0.0047	<0.0051	<0.0051	<0.0056	<0.37	**0.325**	<0.0057	<0.0056	<0.0067	<0.0058
1-Chlorohexane	<0.0055	<0.0055	<0.0052	<0.0047	<0.0051	<0.0051	<0.0056	<0.37	<0.36	<0.0057	<0.0056	<0.0067	<0.0058
2-Hexanone	<0.028	**0.0087**	<0.026	<0.024	<0.026	<0.025	<0.028	<1.8	<1.8	<0.028	<0.028	<0.033	<0.029
4-Methyl-2-pentanone	<0.028	<0.027	<0.026	<0.024	<0.026	<0.025	**0.0146**	<1.8	<1.8	<0.028	<0.028	<0.033	<0.029
Acetone	<0.055	<0.055	<0.052	**0.0244**	<0.051	<0.051	<0.056	<3.7	<3.6	<0.057	<0.056	<0.067	<0.058
Carbon disulfide	<0.0055	<0.0055	<0.0052	<0.0047	<0.0051	**0.004**	**0.0041**	<0.37	<0.36	<0.0057	<0.0056	<0.0067	<0.0058
Ethylbenzene	<0.0055	<0.0055	<0.0052	<0.0047	<0.0051	<0.0051	<0.0056	<0.37	**0.146**	<0.0057	<0.0056	<0.0067	<0.0058
Hexane	<0.0055	<0.0055	**0.0059**	<0.0047	<0.0051	**0.0087**	**0.0052**	<0.37	<0.36	<0.0057	<0.0056	<0.0067	<0.0058
Isopropylbenzene	<0.0055	<0.0055	<0.0052	<0.0047	<0.0051	**0.0013**	<0.0056	**0.543**	**0.818**	<0.0057	<0.0056	<0.0067	<0.0058
Methyl ethyl ketone	<0.028	<0.027	<0.026	<0.024	<0.026	<0.025	<0.028	<1.8	<1.8	<0.028	<0.028	<0.033	<0.029
Methylene chloride	**0.006**	**0.0764**	**0.038**	<0.0094	**0.0219**	**0.0266**	**0.0258**	**0.371**	**0.551**	<0.011	<0.011	<0.013	<0.012
Naphthalene	<0.0055	<0.0055	<0.0052	<0.0047	<0.0051	<0.0051	<0.0056	**0.3615**	**0.2875**	<0.0057	<0.0056	<0.0067	<0.0058
n-Butylbenzene	<0.0055	<0.0055	<0.0052	<0.0047	<0.0051	<0.0051	<0.0056	**1.75**	**2.01**	<0.0057	<0.0056	<0.0067	<0.0058
n-Propylbenzene	<0.0055	<0.0055	<0.0052	<0.0047	<0.0051	<0.0051	<0.0056	**0.802**	**1.21**	<0.0057	<0.0056	<0.0067	<0.0058
p-Isopropyltoluene	<0.0055	<0.0055	<0.0052	<0.0047	<0.0051	<0.0051	<0.0056	<0.37	**0.284**	<0.0057	<0.0056	<0.0067	<0.0058
sec-Butylbenzene	<0.0055	<0.0055	<0.0052	<0.0047	<0.0051	**0.0442**	<0.0056	**2.04**	**2.07**	<0.0057	<0.0056	<0.0067	<0.0058
Tetrachloroethylene	<0.0055	<0.0055	<0.0052	<0.0047	<0.0051	<0.0051	<0.0056	<0.37	<0.36	<0.0057	<0.0056	<0.0067	<0.0058
Xylenes (total)	<0.0165	<0.0165	<0.0152	<0.0141	<0.0151	<0.0151	<0.0166	<1.11	<1.09	<0.0167	<0.0166	<0.0197	<0.0178
SVOCs (mg/kg)													
2-Methylnaphthalene	<0.2	<0.2	<0.19	<0.19	<0.2	<0.2	<0.2	<0.76	<0.82	<0.19	<0.2	<0.2	<0.2
Benzo[g,h,i]perylene	<0.2	<0.2	<0.19	<0.19	<0.2	<0.2	<0.2	<0.76	<0.82	<0.19	<0.2	<0.2	<0.2
Dibenzofuran	<0.2	<0.2	<0.19	<0.19	<0.2	<0.2	<0.2	<0.76	**0.179**	<0.19	<0.2	<0.2	<0.2
Diethyl phthalate	<0.39	<0.41	<0.38	<0.39	<0.4	<0.39	<0.41	<1.5	<1.6	<0.39	<0.39	<0.4	<0.4
Fluorene	<0.2	<0.2	<0.19	<0.19	<0.2	<0.2	<0.2	<0.76	<0.82	<0.19	<0.2	<0.2	<0.2
TPHs (mg/kg)													
TPHs (C10-C36)	<20	<20	<19.6	**17**	<20	**76.1**	<20	**476.5**	**275**	**18.8**	<20	<20	<20

Notes:
ft bgs = Feet below ground surface
mg/kg = Milligrams per kilogram
NA = Not analyzed
Value in bold = Detected
VOCs = Volatile Organic Compounds
SVOCs = Semi-Volatile Organic Compounds
TPHs = Total Petroleum Hydrocarbons
EX = Excavation Confirmation Sample
SB = Soil Boring Sample
SW = Sidewall (Excavation Confirmation) Sample
A/FD = Denotes a field duplicate sample
< = Not detected-Reporting Limit shown

Table 9-1(b)
Soil Analytical Results Used for Risk Assessment
West POL ACM Completion Report
Holloman AFB, New Mexico
NationView Project No.: 8090012

Sample Identification	SW3	SW4	SW5	SW6	SW7	SW8	Bottom1
Date Sampled	**3/5/2010**	**3/5/2010**	**3/5/2010**	**3/5/2010**	**3/5/2010**	**3/5/2010**	**3/5/2010**
Depth (ft bgs)	**8**	**8**	**8**	**8**	**8**	**8**	**9.5**
VOCs (mg/kg)							
1,2,4-Trimethylbenzene	<0.0055	<0.0057	<0.0063	<0.0054	<0.0055	<0.0054	<0.0056
1,3,5-Trimethylbenzene	<0.0055	<0.0057	<0.0063	<0.0054	<0.0055	<0.0054	<0.0056
1-Chlorohexane	<0.0055	<0.0057	<0.0063	<0.0054	<0.0055	<0.0054	<0.0056
2-Hexanone	<0.027	<0.029	<0.032	<0.027	<0.028	<0.027	<0.028
4-Methyl-2-pentanone	<0.027	<0.029	<0.032	<0.027	<0.028	<0.027	<0.028
Acetone	<0.055	<0.057	<0.063	<0.054	<0.055	<0.054	<0.056
Carbon disulfide	<0.0055	<0.0057	<0.0063	<0.0054	<0.0055	<0.0054	<0.0056
Ethylbenzene	<0.0055	<0.0057	<0.0063	<0.0054	<0.0055	<0.0054	<0.0056
Hexane	<0.0055	<0.0057	<0.0063	<0.0054	<0.0055	<0.0054	<0.0056
Isopropylbenzene	<0.0055	<0.0057	<0.0063	<0.0054	<0.0055	<0.0054	<0.0056
Methyl ethyl ketone	<0.027	<0.029	<0.032	<0.027	<0.028	<0.027	<0.028
Methylene chloride	<0.011	<0.011	<0.013	<0.011	<0.011	<0.011	<0.011
Naphthalene	<0.0055	<0.0057	<0.0063	<0.0054	<0.0055	<0.0054	<0.0056
n-Butylbenzene	<0.0055	<0.0057	<0.0063	<0.0054	<0.0055	<0.0054	<0.0056
n-Propylbenzene	<0.0055	<0.0057	<0.0063	<0.0054	<0.0055	<0.0054	<0.0056
p-Isopropyltoluene	<0.0055	<0.0057	<0.0063	<0.0054	<0.0055	<0.0054	<0.0056
sec-Butylbenzene	<0.0055	<0.0057	<0.0063	<0.0054	<0.0055	<0.0054	<0.0056
Tetrachloroethylene	<0.0055	<0.0057	<0.0063	<0.0054	<0.0055	<0.0054	<0.0056
Xylenes (total)	<0.0165	<0.0167	<0.0193	<0.0164	<0.0165	<0.0164	<0.0166
SVOCs (mg/kg)							
2-Methylnaphthalene	<0.2	<0.21	<0.21	<0.21	<0.2	<0.19	<0.21
Benzo[g,h,i]perylene	<0.2	<0.21	<0.21	<0.21	<0.2	<0.19	<0.21
Dibenzofuran	<0.2	<0.21	<0.21	<0.21	<0.2	<0.19	<0.21
Diethyl phthalate	<0.41	<0.41	<0.42	<0.42	<0.4	<0.39	<0.41
Fluorene	<0.2	<0.21	<0.21	<0.21	<0.2	<0.19	<0.21
TPHs (mg/kg)							
TPHs (C10-C36)	<20	**14.37**	**16.1**	**13.48**	**27.5**	<19.2	**16.05**

Notes:
ft bgs = Feet below ground surface
mg/kg = Milligrams per kilogram
NA = Not analyzed
Value in bold = Detected
VOCs = Volatile Organic Compounds
SVOCs = Semi-Volatile Organic Compounds
TPHs = Total Petroleum Hydrocarbons
EX = Excavation Confirmation Sample
SB = Soil Boring Sample
SW = Sidewall (Excavation Confirmation) Sample
A/FD = Denotes a field duplicate sample
< = Not detected-Reporting Limit shown

Table 9-1(c)
Summary of Soil Data
West POL ACM Completion Report
Holloman AFB, New Mexico
NationView Project No.: 8090012

Chemical	Number of Samples	Number of Detects	Detected Concentration		Reporting Limit	
			Maximum	Minimum	Maximum	Minimum
			(mg/kg)			
1,2,4-Trimethylbenzene	111	13	48	0.0047	1.8	0.0046
1,3,5-Trimethylbenzene	111	10	99.6	0.0042	0.66	0.0046
1-Chlorohexane	111	1	0.16	0.16	2.365	0.0046
2-Hexanone	111	2	1	0.0087	8.9	0.005
4-Methyl-2-pentanone	111	1	0.0146	0.0146	8.9	0.005
Acetone	111	2	0.0381	0.0244	18	0.005
Carbon disulfide	111	12	0.008	0.0035	2.365	0.0046
Ethylbenzene	111	14	12.4	0.0094	0.66	0.0046
Hexane	97	3	0.0087	0.0052	1.8	0.0046
Isopropylbenzene	111	17	6.86	0.0013	0.66	0.0046
Methyl ethyl ketone	111	1	0.0353	0.0353	47.3	0.005
Methylene chloride	111	30	0.551	0.006	2.365	0.0049
Naphthalene	111	18	30.5	0.027075	0.5	0.0046
n-Butylbenzene	111	15	38.9	0.0033	0.5	0.0046
n-Propylbenzene	111	16	10.2	0.0029	0.66	0.0046
p-Isopropyltoluene	111	12	29.4	0.0012	0.66	0.0046
sec-Butylbenzene	111	22	21.6	0.0017	0.5	0.0046
Tetrachloroethylene	111	1	0.0426	0.0426	2.365	0.0046
Xylenes (total)	111	7	12.7	0.0089	5.3	0.005
2-Methylnaphthalene	111	7	31.1	0.415	0.999	0.19
Benzo[g,h,i]perylene	111	1	0.029	0.029	4.8	0.19
Dibenzofuran	111	3	0.179	0.0933	4.8	0.19
Diethyl phthalate	111	6	1.15	0.1615	4.8	0.38
Fluorene	111	3	0.17	0.0535	4.8	0.19
TPH (C10-C36)	111	40	23,625	13.21	80	19

Notes:
mg/kg = Milligrams per kilogram
TPH = Total Petroleum Hydrocarbons

Table 9-1(d)
Comparison of Maximum Detected Concentration of Soil with Screening Level
West POL ACM Completion Report
Holloman AFB, New Mexico
NationView Project No.: 8090012

Chemical	Maximum Detected Concentration (mg/kg)	Screening Level		Exceed/Not Exceed
		(mg/kg)	Source	
1,2,4-Trimethylbenzene	48	62	3	Not Exceed
1,3,5-Trimethylbenzene	99.6	780	3	Not Exceed
1-Chlorohexane	0.16	9,590	4	Not Exceed
2-Hexanone	1	210	3	Not Exceed
4-Methyl-2-pentanone	0.0146	5,950	1	Not Exceed
Acetone	0.0381	67,500	1	Not Exceed
Carbon disulfide	0.008	1,940	1	Not Exceed
Ethylbenzene	12.4	69.7	1	Not Exceed
Hexane	0.0087	1,250	1	Not Exceed
Isopropylbenzene	6.86	3,210	1	Not Exceed
Methyl ethyl ketone	0.0353	39,600	1	Not Exceed
Methylene chloride	0.551	199	1	Not Exceed
Naphthalene	30.5	45	1	Not Exceed
n-Butylbenzene	38.9	11,700	4	Not Exceed
n-Propylbenzene	10.2	27,500	4	Not Exceed
p-Isopropyltoluene	29.4	18,200	4	Not Exceed
sec-Butylbenzene	21.6	12,800	4	Not Exceed
Tetrachloroethylene	0.0426	6.99	1	Not Exceed
Xylenes (total)	12.7	1,090	1	Not Exceed
2-Methylnaphthalene	31.1	310	3	Not Exceed
Benzo[g,h,i]perylene	0.029	18,300	4	Not Exceed
Dibenzofuran	0.179	78	3	Not Exceed
Diethyl phthalate	1.15	48,900	1	Not Exceed
Fluorene	0.17	2,290	1	Not Exceed
TPH (C10-C36)	23,625	940	2	Exceed

Notes:
mg/kg = Milligrams per kilogram
Sources:
1 = NMED, 2009. Technical Background Document for Development of Soil Screening Levels, Revision 5.0.
2 = NMED, 2006. New Mexico Environment Department TPH Screening Guidelines.
3 = USEPA, 2009b. Regional Screening Levels Table
4 = Screening levels developed using the methodology for residential scenario in the Technical Background Document for Development of Soil Screening Levels (NMED, 2009).

Table 9-2(a)
Groundwater Analytical Results for Chemicals Detected At Least Once
West POL ACM Completion Report
Holloman AFB, New Mexico
NationView Project No.: 8090012

Sample Identification	MW01	MW02	MW03	MW03-a [1]	MW04
Date Sampled	**4/18/2007**	**4/18/2007**	**4/18/2007**	**4/18/2007**	**4/18 - 24/2007**
VOCs (mg/L)					
Acetone	<0.025	<0.025	<0.025	<0.025	**0.0287**
n-Butylbenzene	<0.001	<0.001	**0.0016**	**0.0014**	<0.001
sec-Butylbenzene	<0.001	<0.001	**0.0091**	**0.0088**	<0.001
tert-Butylbenzene	<0.001	<0.001	**0.00067 J**	**0.00064 J**	<0.001
Isopropylbenzene	<0.001	<0.001	**0.0023**	**0.0022**	<0.001
Methyl ethyl ketone	<0.005	<0.005	<0.005	<0.005	**0.009**
Naphthalene	<0.002	<0.002	**0.0016 J**	**0.0012 J**	<0.002
n-Propylbenzene	<0.001	<0.001	**0.00056 J**	**0.00052 J**	<0.001
SVOCs (mg/L)					
Dibenzofuran	<0.0051	<0.0049	<0.0051	**0.0011 J**	<0.0071
TPHs (mg/L)					
TPH (C10-C22)	<0.25	<0.25	**1**	**0.988**	**0.0975 J**
TPH (>C22-C36)	**0.11 J**	**0.164 J**	**0.605**	**0.634**	**0.152 J**

Notes:
J = Indicates an estimated value
mg/L = Milligrams per liter
Value in bold = Detected
VOCs = Volatile Organic Compounds
SVOCs = Semi-Volatile Organic Compounds
TPHs = Total Petroleum Hydrocarbons
MW = Monitoring Well
a = Denotes a duplicate sample
< = Not detected - Reporting limit shown
[1] Laboratory data package F48898 incorrectly identifies this sample as WPOL-MW04-a.
The correct sample nomenclature according to the Chain-of-Custody is WPOL-MW03-a.

Table 9-2(b)
Groundwater Analytical Results Used for Risk Assessment
West POL ACM Completion Report
Holloman AFB, New Mexico
NationView Project No.: 8090012

Sample Identification	MW01	MW02	MW03 (Avg)	MW04
Date Sampled	**4/18/2007**	**4/18/2007**	**4/18/2007**	**4/18 - 24/2007**
VOCs (mg/L)				
Acetone	<0.025	<0.025	<0.025	**0.0287**
n-Butylbenzene	<0.001	<0.001	**0.0015**	<0.001
sec-Butylbenzene	<0.001	<0.001	**0.00895**	<0.001
tert-Butylbenzene	<0.001	<0.001	**0.000655**	<0.001
Isopropylbenzene	<0.001	<0.001	**0.00225**	<0.001
Methyl ethyl ketone	<0.005	<0.005	<0.005	**0.009**
Naphthalene	<0.002	<0.002	**0.0014**	<0.002
n-Propylbenzene	<0.001	<0.001	**0.00054**	<0.001
SVOCs (mg/L)				
Dibenzofuran	<0.0051	<0.0049	**0.001825**	<0.0071
TPHs (mg/L)				
TPH (C10-C36)	**0.235**	**0.289**	**1.6135**	**0.2495**

Notes:
mg/L = Milligrams per liter
Value in bold = Detected
VOCs = Volatile Organic Compounds
SVOCs = Semi-Volatile Organic Compounds
TPHs = Total Petroleum Hydrocarbons
MW = Monitoring Well
< = Not detected - Reporting limit shown

Table 9-2(c)
Summary of Groundwater Data
West POL ACM Completion Report
Holloman AFB, New Mexico
NationView Project No.: 8090012

Chemical	Number of Samples	Number of Detects	Detected Concentration		Reporting Limit	
			Maximum	Minimum	Maximum	Minimum
			(mg/L)			
Acetone	4	1	0.0287	0.0287	0.025	0.025
n-Butylbenzene	4	1	0.0015	0.0015	0.001	0.001
sec-Butylbenzene	4	1	0.00895	0.00895	0.001	0.001
tert-Butylbenzene	4	1	0.000655	0.000655	0.001	0.001
Isopropylbenzene	4	1	0.00225	0.00225	0.001	0.001
Methyl ethyl ketone	4	1	0.009	0.009	0.005	0.005
Naphthalene	4	1	0.0014	0.0014	0.002	0.002
n-Propylbenzene	4	1	0.00054	0.00054	0.001	0.001
Dibenzofuran	4	1	0.001825	0.001825	0.0071	0.0049
TPH (C10-C36)	4	4	1.6135	0.235	N/A	N/A

Notes:
mg/L = Milligrams per liter
N/A = Not applicable

Table 9-2(d)
Comparison of Maximum Detected Concentration of Groundwater with Screening Level
West POL ACM Completion Report
Holloman AFB, New Mexico
NationView Project No.: 8090012

Chemical	Maximum Detected Concentration (mg/L)	Screening Level		Exceed/Not Exceed
		(mg/L)	Source	
Acetone	0.0287	NA		N/A
n-Butylbenzene	0.0015	NA		N/A
sec-Butylbenzene	0.00895	NA		N/A
tert-Butylbenzene	0.000655	NA		N/A
Isopropylbenzene	0.00225	NA		N/A
Methyl ethyl ketone	0.009	NA		N/A
Naphthalene	0.0014	0.03	1	Not Exceed
n-Propylbenzene	0.00054	NA		N/A
Dibenzofuran	0.001825	NA		N/A
TPH (C10-C36)	1.6135	15.7	2	Not Exceed

Notes:
mg/L = Milligrams per liter
NA = Not available
N/A = Not applicable
Sources:
1 = NMWQCC groundwater standards for contaminants (NMAC 20.6.2.3103)
2 = NMED residential TPH concentration in groundwater for kerosene and jet fuel (NMED, 2006)

Table 9-3
Chemicals of Potential Concern
West POL ACM Completion Report
Holloman AFB, New Mexico
NationView Project No.: 8090012

Chemicals	Soil	Groundwater
Acetone		X
Isopropylbenzene		X
Methyl ethyl ketone		X
n-Butylbenzene		X
n-Propylbenzene		X
sec-Butylbenzene		X
tert-Butylbenzene		X
Dibenzofuran		X
TPH (C10-C36)	X	
Total Detected	**1**	**8**

Notes:
X = Chemical of potential concern based on maximum detected concentration greater than screening level and chemicals without screening levels

Table 9-4(a)
Exposure Model for Current Commercial/Industrial Worker
West POL ACM Completion Report
Holloman AFB, New Mexico
NationView Project No.: 8090012

No.	Exposure Pathway	C/NC	Justification
1	**Dermal contact with surficial soil**	**C**	**Surficial soil has been impacted. Therefore, this exposure pathway is complete.**
2	**Ingestion of surficial soil**	**C**	**Surficial soil has been impacted. Therefore, this exposure pathway is complete.**
3	**Outdoor inhalation of vapors or particulates from surficial soil**	**C**	**Vapors and particulates from surficial soil may be emitted into the ambient air. Therefore, this exposure pathway is complete.**
Pathways shown in bold will be quantitatively evaluated	**Outdoor inhalation of vapors from subsurface soil**	**C**	**Vapors from subsurface soil may migrate upwards through the vadose zone and into the ambient air through cracks in the pavement. Therefore, this pathway is complete.**
5	Indoor inhalation of vapors from subsurface soil	NC	Currently, there is no building on-site. Therefore, this pathway is not complete.
6	**Outdoor inhalation of vapors from groundwater**	**C**	**Vapors from groundwater may migrate upwards through the vadose zone and into the ambient air through cracks in the pavement. Therefore, this pathway is complete.**
7	Indoor inhalation of vapors from groundwater	NC	Currently, there is no building on-site. In the future, it is unlikely that a building will be built on-site. Therefore, this pathway is not complete.
8	Ingestion of groundwater	NC	The facility receives water from Lake Bonito. Therefore, this exposure pathway is not complete.
9	Dermal contact with groundwater	NC	The facility receives water from the Lake Bonito. Therefore, this exposure pathway is not complete.

Notes:
C: Complete
NC: Not complete
Pathways shown in bold will be quantitatively evaluated
Surficial soil is assumed to be soil in 0 – 2 feet below ground surface (ft bgs)
Subsurface soil is assumed to be soil between 2 ft bgs and the groundwater table

Table 9-4(b)
Exposure Model for Future Resident
West POL ACM Completion Report
Holloman AFB, New Mexico
NationView Project No.: 8090012

No.	Exposure Pathway	C/NC	Justification
1	**Dermal contact with surficial soil**	**C**	**Surficial soil has been impacted. Therefore, this exposure pathway is complete.**
2	**Ingestion of surficial soil**	**C**	**Surficial soil has been impacted. Therefore, this exposure pathway is complete.**
3	**Outdoor inhalation of vapors or particulates from surficial soil**	**C**	**Vapors and particulates from surficial soil may be emitted into the ambient air. Therefore, this exposure pathway is complete.**
4	Outdoor inhalation of vapors from subsurface soil	C	Vapors from subsurface soil may migrate upwards through the vadose zone and into the ambient air through cracks in the pavement. However, this pathway is generally not the "risk driver" due to considerable mixing and dilution in ambient air when indoor inhalation pathway is evaluated. Therefore, this pathway will not be evaluated quantitatively.
5	**Indoor inhalation of vapors from subsurface soil**	**C**	**A building may be built on or near the area where subsurface soil has been impacted. Therefore, this pathway is complete.**
6	Outdoor inhalation of vapors from groundwater	C	Vapors from groundwater may migrate upwards through the vadose zone and into the ambient air through cracks in the pavement. However, this pathway is generally not the "risk driver" due to considerable mixing and dilution in ambient air when indoor inhalation pathway is evaluated. Therefore, this pathway will not be evaluated quantitatively.
7	**Indoor inhalation of vapors from groundwater**	**C**	**A building may be built on or near the area where groundwater has been impacted. Therefore, this pathway is complete.**
8	Ingestion of groundwater	NC	The facility receives water from Lake Bonito. As discussed in Section 3.10 of the report, no water supply wells will be installed on or near the Base because of poor groundwater quality water. Therefore, this exposure pathway is not complete.
9	Dermal contact with groundwater	NC	The facility receives water from Lake Bonito. As discussed in Section 3.10 of the report, no water supply wells will be installed on or near the Base because of poor groundwater quality water. Therefore, this exposure pathway is not complete.

Notes:
C: Complete
NC: Not complete
Pathways shown in bold will be quantitatively evaluated
Surficial soil is assumed to be soil in 0 – 2 feet below ground surface (ft bgs)
Subsurface soil is assumed to be soil between 2 ft bgs and the groundwater table

Table 9-4(c)
Exposure Model for Future Construction Worker
West POL ACM Completion Report
Holloman AFB, New Mexico
NationView Project No.: 8090012

No.	Exposure Pathway	C/NC	Justification
1	**Dermal contact with soil to depth of construction**	**C**	**Soils have been impacted at the site. Therefore, this pathway is complete.**
2	**Ingestion of soil to depth of construction**	**C**	**Soils have been impacted at the site. Therefore, this pathway is complete.**
3	**Outdoor inhalation of vapors or particulates from soil to depth of construction**	**C**	**Vapors and particulates from soil may be emitted into the ambient air. Therefore, this exposure pathway is complete.**
4	Indoor inhalation of vapors from soil	NC	Typically construction would not be expected to occur indoors over an extended period of time. Therefore, this pathway is not complete.
5	Indoor inhalation of vapors from groundwater	NC	Typically construction would not be expected to occur indoors over an extended period of time. Therefore, this pathway is not complete.
6	**Dermal contact with groundwater**	**C**	**Depth to groundwater is approximately 6.5 ft bgs which is above the anticipated depth of construction. Therefore, this pathway is complete.**
7	**Outdoor inhalation of vapors from groundwater**	**C**	**Depth to groundwater is approximately 6.5 ft bgs which is above the anticipated depth of construction. Therefore, this pathway is complete.**

Notes:
C: Complete
NC: Not complete
Pathways shown in bold will be quantitatively evaluated
Soil to depth of construction is assumed to be soil in 0 - 10 feet below ground surface (ft bgs)

Table 9-5(a)
Representative Concentrations of Surficial Soil
West POL ACM Completion Report
Holloman AFB, New Mexico
NationView Project No.: 8090012

Sample Identification	**SB01**	**SB03**	**SB04**	**SB05**	**SB06**	**SB07**	**SB07**	**SB08**	**SB09**	**SB11**	**SB12**	**SB13**
Date Sampled	**10/5/2005**	**10/5/2005**	**10/5/2005**	**10/5/2005**	**10/5/2005**	**10/5/2005**	**10/5/2005**	**10/5/2005**	**10/6/2005**	**10/6/2005**	**10/6/2005**	**10/6/2005**
Depth (ft bgs)	**0.8 -1.7**	**0.8 - 1.1**	**0.3 - 0.8**	**0.3 - 0.8**	**0.3 - 1**	**0.3 - 0.8**	**0.8 - 1.7**	**0.3 - 0.7**	**0.3 - 1.3**	**0 - 0.5**	**0.3 - 0.9**	**0.3 - 1.6**
TPHs (C10-C36)	<22	16.17	<22	49.2	<24	<24	13.5	<22	<22	13.21	<22	<24

Notes:
ft bgs = Feet below ground surface
mg/kg = Milligrams per kilogram
SB = Soil Boring Sample

Table 9-5(a)
Representative Concentrations of Surficial Soil
West POL ACM Completion Report
Holloman AFB, New Mexico
NationView Project No.: 8090012

Sample Identification	SB14	SB15	SB16	SB17 (Avg)	SB18	SB19 (Avg)	SB20	SB21 (Avg)	Average Surficial Soil Concentration (mg/kg)
Date Sampled	10/6/2005	10/6/2005	10/11/2005	10/11/2005	10/11/2005	10/11/2005	10/11/2005	10/11/2005	
Depth (ft bgs)	0.3 - 0.9	0.3 - 1.1	0.3 - 0.8	0.3 - 0.9	0.3 - 0.8	0.3 - 1	0.3 - 0.8	0.6 - 1	
TPHs (C10-C36)	37.2	<22	<19.2	15	13.41	<19.9	<22	38.1	16.4

Notes:
ft bgs = Feet below ground surface
mg/kg = Milligrams per kilogram
SB = Soil Boring Sample

Table 9-5(b)
Representative Concentrations of Subsurface Soil
West POL ACM Completion Report
Holloman AFB, New Mexico
NationView Project No.: 8090012

Sample Identification	**EX04**	**EX05**	**EX08**	**EX09A**	**EX09B**	**EX11A**	**EX12A**	**EX13**	**EX14**	**EX15**	**EX16**	**EX17**
Date Sampled	**12/16/2002**	**12/16/2002**	**12/16/2002**	**12/18/2002**	**12/18/2002**	**12/26/2002**	**12/26/2002**	**12/16/2002**	**12/16/2002**	**12/16/2002**	**12/16/2002**	**12/16/2002**
Depth (ft bgs)	**3 - 5**	**3 - 5**	**3 - 5**	**3 - 5**	**3 - 5**	**3 - 5**	**3 - 5**	**3 - 5**	**3 - 5**	**3 - 5**	**3 - 5**	**3 - 5**
TPHs (C10-C36)	<80	<80	<80	250	61	<80	<80	<80	90	172	<80	<80

Notes:

ft bgs = Feet below ground surface

mg/kg = Milligrams per kilogram
EX = Excavation Confirmation Sample
SW = Sidewall (Excavation Confirmation) Sample
SB = Soil Boring Sample

Table 9-5(b)
Representative Concentrations of Subsurface Soil
West POL ACM Completion Report
Holloman AFB, New Mexico
NationView Project No.: 8090012

Sample Identification	**EX18**	**EX18A**	**SB01**	**SB01**	**SB03**	**SB03**	**SB04**	**SB04**	**SB05**	**SB05**	**SB06**	**SB06**	**SB07**
Date Sampled	**12/16/2002**	**12/26/2002**	**10/5/2005**	**10/5/2005**	**10/5/2005**	**10/5/2005**	**10/5/2005**	**10/5/2005**	**10/5/2005**	**10/5/2005**	**10/5/2005**	**10/5/2005**	**10/5/2005**
Depth (ft bgs)	**3 - 5**	**3 - 5**	**2.8 - 3.1**	**5.6 - 6**	**2.7 - 3.3**	**5.1 - 5.8**	**2.0 - 2.8**	**5.2 - 5.8**	**3.2 - 3.9**	**5 - 5.5**	**2.3 - 3.3**	**5.2 - 5.8**	**4.3 - 4.7**
TPHs (C10-C36)	23,625	<80	<22	93.4	<24	<22	<22	46.5	<22	<22	<24	<24	583

Notes:

ft bgs = Feet below ground surface

mg/kg = Milligrams per kilogram
EX = Excavation Confirmation Sample
SW = Sidewall (Excavation Confirmation) Sample
SB = Soil Boring Sample

Table 9-5(b)
Representative Concentrations of Subsurface Soil
West POL ACM Completion Report
Holloman AFB, New Mexico
NationView Project No.: 8090012

Sample Identification	**SB08**	**SB08**	**SB09**	**SB09**	**SB10**	**SB10**	**SB11**	**SB11**	**SB12**	**SB12**	**SB13**	**SB13**
Date Sampled	**10/5/2005**	**10/5/2005**	**10/6/2005**	**10/6/2005**	**10/6/2005**	**10/6/2005**	**10/6/2005**	**10/6/2005**	**10/6/2005**	**10/6/2005**	**10/6/2005**	**10/6/2005**
Depth (ft bgs)	**2.8 - 3.3**	**5 - 5.7**	**2.8 - 3.6**	**5.3 - 5.9**	**2.5 - 2.8**	**4.7 - 5.2**	**2.8 - 3.1**	**4.5 - 6.7**	**2.7 - 3.4**	**5.1 - 5.8**	**2.3 - 2.9**	**5 - 5.7**
TPHs (C10-C36)	<22	<22	<22	127	<20	<22	<22	<22	<24	<24	<22	24.8

Notes:

ft bgs = Feet below ground surface

mg/kg = Milligrams per kilogram
EX = Excavation Confirmation Sample
SW = Sidewall (Excavation Confirmation) Sample
SB = Soil Boring Sample

Table 9-5(b)
Representative Concentrations of Subsurface Soil
West POL ACM Completion Report
Holloman AFB, New Mexico
NationView Project No.: 8090012

Sample Identification	**SB14**	**SB14**	**SB15**	**SB15 (Avg)**	**SB16**	**SB16**	**SB17 (Avg)**	**SB17 (Avg)**	**SB18**	**SB18**	**SB19 (Avg)**	**SB19 (Avg)**	**SB20**
Date Sampled	**10/6/2005**	**10/6/2005**	**10/6/2005**	**10/6/2005**	**10/11/2005**	**10/11/2005**	**10/11/2005**	**10/11/2005**	**10/11/2005**	**10/11/2005**	**10/11/2005**	**10/11/2005**	**10/11/2005**
Depth (ft bgs)	**2.8 - 3.3**	**4.8 - 5.5**	**1.8 - 3.4**	**5.6 - 7.4**	**2.7 - 3.1**	**4.8 - 5.6**	**2.6 - 3.2**	**5.0 - 5.6**	**2.6 - 3.2**	**5.1 - 5.7**	**2.4 - 3.4**	**4.7 - 6**	**2.5 - 3.3**
TPHs (C10-C36)	<22	<24	<22	<22	<19	<19.8	<21.8	<20.9	<22	<22	<22	20.55	<22

Notes:

ft bgs = Feet below ground surface

mg/kg = Milligrams per kilogram
EX = Excavation Confirmation Sample
SW = Sidewall (Excavation Confirmation) Sample
SB = Soil Boring Sample

Table 9-5(b)
Representative Concentrations of Subsurface Soil
West POL ACM Completion Report
Holloman AFB, New Mexico
NationView Project No.: 8090012

Sample Identification	SB20	SB21 (Avg)	SB21 (Avg)	SW20	SW21	SW22	SW23A	SW23B	SW23C	SW24	SW25	SW26
Date Sampled	**10/11/2005**	**10/11/2005**	**10/11/2005**	**10/5/2006**	**10/5/2006**	**10/5/2006**	**10/17/2006**	**10/17/2006**	**10/17/2006**	**10/5/2006**	**10/12/2006**	**10/12/2006**
Depth (ft bgs)	**5.2 - 5.8**	**2.7 - 3.1**	**5.2 - 5.8**	**3 - 5**	**3 - 5**	**3 - 5**	**3 - 5**	**3 - 5**	**3 - 5**	**3 - 5**	**3 - 5**	**3 - 5**
TPHs (C10-C36)	<22	<22	<23	4,030	16.5	352	31	14.7	<26.3	14.3	90	2,925

Notes:

ft bgs = Feet below ground surface

mg/kg = Milligrams per kilogram
EX = Excavation Confirmation Sample
SW = Sidewall (Excavation Confirmation) Sample
SB = Soil Boring Sample

Table 9-5(b)
Representative Concentrations of Subsurface Soil
West POL ACM Completion Report
Holloman AFB, New Mexico
NationView Project No.: 8090012

Sample Identification	**SW27**	**SW28**	**SW29**	**SW30**	**SW31**	**SB23 (Avg)**	**SB25**	**SB26**	**SB27**	**SB28**	**SB30**	**Average Subsurface Soil Concentration (mg/kg)**
Date Sampled	**10/12/2006**	**10/12/2006**	**10/16/2006**	**10/16/2006**	**10/16/2006**	**8/24/2009**	**8/24/2009**	**8/24/2009**	**8/24/2009**	**8/24/2009**	**10/8/2009**	
Depth (ft bgs)	**3 - 5**	**3 - 5**	**3 - 5**	**3 - 5**	**3 - 5**	**6**	**5**	**2**	**6**	**3**	**6**	
TPHs (C10-C36)	1,920	684	<28.7	<28.6	<27.5	<20	<20	17	76.1	476.5	18.8	**501**

Notes:

ft bgs = Feet below ground surface

mg/kg = Milligrams per kilogram
EX = Excavation Confirmation Sample
SW = Sidewall (Excavation Confirmation) Sample
SB = Soil Boring Sample

Table 9-5(c)
Representative Concentration of Soil for Depth of Construction
West POL ACM Completion Report
Holloman AFBase, New Mexico
NationView Project No.: 8090012

Sample ID	**EX04**	**EX05**	**EX08**	**EX09A**	**EX09B**	**EX11A**	**EX12A**	**EX13**	**EX14**	**EX15**	**EX16**	**EX17**	**EX18**	**EX18A**
Date Sampled	**12/16/2002**	**12/16/2002**	**12/16/2002**	**12/18/2002**	**12/18/2002**	**12/26/2002**	**12/26/2002**	**12/16/2002**	**12/16/2002**	**12/16/2002**	**12/16/2002**	**12/16/2002**	**12/16/2002**	**12/26/2002**
Depth (ft bgs)	**3 - 5**	**3 - 5**	**3 - 5**	**3 - 5**	**3 - 5**	**3 - 5**	**3 - 5**	**3 - 5**	**3 - 5**	**3 - 5**	**3 - 5**	**3 - 5**	**3 - 5**	**3 - 5**
TPHs (C10-C36)	<80	<80	<80	250	61	<80	<80	<80	90	172	<80	<80	23,625	<80

Notes:
ft bgs = Feet below ground surface
mg/kg = Milligrams per kilogram
EX = Excavation Confirmation Sample
SW = Sidewall (Excavation Confirmation) Sample
SB = Soil Boring Sample

Table 9-5(c)
Representative Concentration of Soil for Depth of Construction
West POL ACM Completion Report
Holloman AFBase, New Mexico
NationView Project No.: 8090012

Sample ID	**SB01**	**SB01**	**SB01**	**SB03**	**SB03**	**SB03**	**SB04**	**SB04**	**SB04**	**SB05**	**SB05**	**SB05**	**SB06**	**SB06**
Date Sampled	**10/5/2005**	**10/5/2005**	**10/5/2005**	**10/5/2005**	**10/5/2005**	**10/5/2005**	**10/5/2005**	**10/5/2005**	**10/5/2005**	**10/5/2005**	**10/5/2005**	**10/5/2005**	**10/5/2005**	**10/5/2005**
Depth (ft bgs)	**0.8 -1.7**	**2.8 - 3.1**	**5.3 - 6**	**0.8 - 1.1**	**2.7 - 3.3**	**5.1 - 5.8**	**0.3 - 0.8**	**2.0 - 2.8**	**5.2 - 5.8**	**0.3 - 0.8**	**3.2 - 3.9**	**5 - 5.5**	**2.3 - 3.3**	**0.3 - 1**
TPHs (C10-C36)	<22	<22	93.4	16.17	<24	<22	<22	<22	46.5	49.2	<22	<22	<24	<24

Notes:
ft bgs = Feet below ground surface
mg/kg = Milligrams per kilogram
EX = Excavation Confirmation Sample
SW = Sidewall (Excavation Confirmation) Sample
SB = Soil Boring Sample

Table 9-5(c)
Representative Concentration of Soil for Depth of Construction
West POL ACM Completion Report
Holloman AFBase, New Mexico
NationView Project No.: 8090012

Sample ID	**SB06**	**SB07**	**SB07**	**SB07**	**SB08**	**SB08**	**SB08**	**SB09**	**SB09**	**SB09**	**SB10**	**SB10**	**SB10**	**SB11**
Date Sampled	**10/5/2005**	**10/5/2005**	**10/5/2005**	**10/5/2005**	**10/5/2005**	**10/5/2005**	**10/5/2005**	**10/6/2005**	**10/6/2005**	**10/6/2005**	**10/6/2005**	**10/6/2005**	**10/6/2005**	**10/6/2005**
Depth (ft bgs)	**5.2 - 5.8**	**0.3 - 0.8**	**0.8 - 1.7**	**4.3 - 4.7**	**0.3 - 0.7**	**2.8 - 3.3**	**5 - 5.7**	**0.3 - 1.3**	**2.8 - 3.6**	**5.3 - 5.9**	**2.5 - 2.8**	**4.7 - 5.2**	**7.8 - 8.7**	**0 - 0.5**
TPHs (C10-C36)	<24	<24	13.5	583	<22	<22	<22	<22	<22	127	<20	<22	<24	13.21

Notes:
ft bgs = Feet below ground surface
mg/kg = Milligrams per kilogram
EX = Excavation Confirmation Sample
SW = Sidewall (Excavation Confirmation) Sample
SB = Soil Boring Sample

Table 9-5(c)
Representative Concentration of Soil for Depth of Construction
West POL ACM Completion Report
Holloman AFBase, New Mexico
NationView Project No.: 8090012

Sample ID	**SB11**	**SB11**	**SB12**	**SB12**	**SB12**	**SB13**	**SB13**	**SB13**	**SB14**	**SB14**	**SB14**	**SB15**	**SB15**	**SB15 (Avg)**
Date Sampled	**10/6/2005**	**10/6/2005**	**10/6/2005**	**10/6/2005**	**10/6/2005**	**10/6/2005**	**10/6/2005**	**10/6/2005**	**10/6/2005**	**10/6/2005**	**10/6/2005**	**10/6/2005**	**10/6/2005**	**10/6/2005**
Depth (ft bgs)	**2.8 - 3.1**	**4.5 - 6.7**	**0.3 - 0.9**	**2.7 - 3.4**	**5.1 - 5.8**	**0.3 - 1.6**	**2.3 - 2.9**	**5 - 5.7**	**0.3 - 0.9**	**2.8 - 3.3**	**4.8 - 5.5**	**0.3 - 1.1**	**1.8 - 3.4**	**5.6 - 7.4**
TPHs (C10-C36)	<22	<22	<22	<24	<24	<24	<22	24.8	37.2	<22	<24	<22	<22	<22

Notes:
ft bgs = Feet below ground surface
mg/kg = Milligrams per kilogram
EX = Excavation Confirmation Sample
SW = Sidewall (Excavation Confirmation) Sample
SB = Soil Boring Sample

Table 9-5(c)
Representative Concentration of Soil for Depth of Construction
West POL ACM Completion Report
Holloman AFBase, New Mexico
NationView Project No.: 8090012

Sample ID	**SB16**	**SB16**	**SB16**	**SB17 (Avg)**	**SB17 (Avg)**	**SB17 (Avg)**	**SB18**	**SB18**	**SB18**	**SB19 (Avg)**	**SB19 (Avg)**	**SB19 (Avg)**	**SB20**	**SB20**
Date Sampled	**10/11/2005**	**10/11/2005**	**10/11/2005**	**10/11/2005**	**10/11/2005**	**10/11/2005**	**10/11/2005**	**10/11/2005**	**10/11/2005**	**10/11/2005**	**10/11/2005**	**10/11/2005**	**10/11/2005**	**10/11/2005**
Depth (ft bgs)	**0.3 - 0.8**	**2.7 - 3.1**	**4.8 - 5.6**	**0.3 - 0.9**	**2.6 - 3.2**	**5.0 - 5.6**	**0.3 - 0.8**	**2.6 - 3.2**	**5.1 - 5.7**	**0.3 - 1**	**2.4 - 3.4**	**4.7 - 6**	**0.3 - 0.8**	**2.5 - 3.3**
TPHs (C10-C36)	<19.2	<19	<19.8	15	<21.8	<20.9	13.41	<22	<22	<19.9	<22	20.55	<22	<22

Notes:
ft bgs = Feet below ground surface
mg/kg = Milligrams per kilogram
EX = Excavation Confirmation Sample
SW = Sidewall (Excavation Confirmation) Sample
SB = Soil Boring Sample

Table 9-5(c)
Representative Concentration of Soil for Depth of Construction
West POL ACM Completion Report
Holloman AFBase, New Mexico
NationView Project No.: 8090012

Sample ID	SB20	SB21 (Avg)	SB21 (Avg)	SB21 (Avg)	SW20	SW21	SW22	SW23A	SW23B	SW23C	SW24	SW25	SW26	SW27
Date Sampled	**10/11/2005**	**10/11/2005**	**10/11/2005**	**10/11/2005**	**10/5/2006**	**10/5/2006**	**10/5/2006**	**10/17/2006**	**10/17/2006**	**10/17/2006**	**10/5/2006**	**10/12/2006**	**10/12/2006**	**10/12/2006**
Depth (ft bgs)	**5.2 - 5.8**	**0.6 - 1**	**2.7 - 3.1**	**5.2 - 5.8**	**3 - 5**	**3 - 5**	**3 - 5**	**3 - 5**	**3 - 5**	**3 - 5**	**3 - 5**	**3 - 5**	**3 - 5**	**3 - 5**
TPHs (C10-C36)	<22	38.1	<22	<23	4,030	16.5	352	31	14.7	<26.3	14.3	90	2,925	1,920

Notes:
ft bgs = Feet below ground surface
mg/kg = Milligrams per kilogram
EX = Excavation Confirmation Sample
SW = Sidewall (Excavation Confirmation) Sample
SB = Soil Boring Sample

Table 9-5(c)
Representative Concentration of Soil for Depth of Construction
West POL ACM Completion Report
Holloman AFBase, New Mexico
NationView Project No.: 8090012

Sample ID	**SW28**	**SW29**	**SW30**	**SW31**	**SB23 (Avg)**	**SB23**	**SB24 (Avg)**	**SB24**	**SB25**	**SB25**	**SB26**	**SB26**	**SB27**	**SB27**
Date Sampled	**10/12/2006**	**10/16/2006**	**10/16/2006**	**10/16/2006**	**8/24/2009**	**8/24/2009**	**8/24/2009**	**8/24/2009**	**8/24/2009**	**8/24/2009**	**8/24/2009**	**8/24/2009**	**8/24/2009**	**8/24/2009**
Depth (ft bgs)	**3 - 5**	**3 - 5**	**3 - 5**	**3 - 5**	**6**	**10**	**8**	**10**	**5**	**10**	**2**	**10**	**6**	**9**
TPHs (C10-C36)	684	<28.7	<28.6	<27.5	<20	<20	27.8	<20	<20	<19.6	17	<20	76.1	<20

Notes:
ft bgs = Feet below ground surface
mg/kg = Milligrams per kilogram
EX = Excavation Confirmation Sample
SW = Sidewall (Excavation Confirmation) Sample
SB = Soil Boring Sample

Table 9-5(c)
Representative Concentration of Soil for Depth of Construction
West POL ACM Completion Report
Holloman AFBase, New Mexico
NationView Project No.: 8090012

Sample ID	**SB28**	**SB28**	**SB30**	**SB30**	**SW1**	**SW2**	**SW3**	**SW4**	**SW5**	**SW6**	**SW7**	**SW8**	**Bottom1**	**Average Soil Concentration (mg/kg)**
Date Sampled	**8/24/2009**	**8/24/2009**	**10/8/2009**	**10/8/2009**	**3/5/2010**	**3/5/2010**	**3/5/2010**	**3/5/2010**	**3/5/2010**	**3/5/2010**	**3/5/2010**	**3/5/2010**	**3/5/2010**	
Depth (ft bgs)	**3**	**9**	**6**	**6 - 7.5**	**8**	**8**	**8**	**8**	**8**	**8**	**8**	**8**	**9.5**	
TPHs (C10-C36)	476.5	275	18.8	<20	<20	<20	<20	14.37	16.1	13.48	27.5	<19.2	16.05	337

Notes:
ft bgs = Feet below ground surface
mg/kg = Milligrams per kilogram
EX = Excavation Confirmation Sample
SW = Sidewall (Excavation Confirmation) Sample
SB = Soil Boring Sample

Table 9-5(d)
Representative Concentration of Groundwater
West POL ACM Completion Report
Holloman AFB, New Mexico
NationView Project No.: 8090012

Sample Identification	MW01	MW02	MW03 (Avg)	MW04	Average Groundwater Concentration (mg/L)
Date Sampled	**4/18/2007**	**4/18/2007**	**4/18/2007**	**4/18 - 24/2007**	
Acetone	<0.025	<0.025	<0.025	**0.0287**	0.01655
n-Butylbenzene	<0.001	<0.001	**0.0015**	<0.001	0.00075
sec-Butylbenzene	<0.001	<0.001	**0.00895**	<0.001	0.00261
tert-Butylbenzene	<0.001	<0.001	**0.000655**	<0.001	0.00054
Isopropylbenzene	<0.001	<0.001	**0.00225**	<0.001	0.00094
Methyl ethyl ketone	<0.005	<0.005	<0.005	**0.009**	0.00413
n-Propylbenzene	<0.001	<0.001	**0.00054**	<0.001	0.00051
Dibenzofuran	<0.0051	<0.0049	**0.001825**	<0.0071	0.00259

Notes:
mg/L = Milligrams per liter
MW = Monitoring Well

Table 9-6(a)
Summary of Calculated Risk for Current Commerical/Industrial Workers
West POL ACM Completion Report
Holloman AFB, New Mexico
NationView Project No.: 8090012

COPCs	Combined Pathways from Surficial Soil			Outdoor Inhalation of Vapors from Subsurface Soil			Risks for Non-carcinogenics
	Representative Concentration (mg/kg)	Target Concentration (mg/kg)	Non-carcinogenic Risk	Representative Concentration (mg/kg)	Target Concentration (mg/kg)	Non-carcinogenic Risk	
TPH (C10-C36)	16.4	2,350	6.98E-03	501	2,350	2.13E-01	2.20E-01
						Cumulative Risk	**2.20E-01**

Notes:
COPC = Chemical of potential concern
mg/kg = Milligrams per kilogram
None of the COPCs are carcinogenic

Table 9-6(b)
Summary of Calculated Risks for Future Residents
West POL ACM Completion Report
Holloman AFB, New Mexico
NationView Project No.: 8090012

COPCs	Combined Pathways from Surficial Soil			Indoor Inhalation of Vapors from Subsurface Soil			Indoor Inhalation of Vapors from Groundwater		Risks for Non-carcinogenics
	Representative Concentration (mg/kg)	Target Concentration (mg/kg)	Non-carcinogenic Risk	Representative Concentration (mg/kg)	Target Concentration (mg/kg)	Non-carcinogenic Risk	Representative Concentration (mg/L)	Non-carcinogenic Risk	
Acetone	--	--	--	--	--	--	0.01655	4.60E-07	4.60E-07
n-Butylbenzene	--	--	--	--	--	--	0.00075	4.14E-05	4.14E-05
sec-Butylbenzene	--	--	--	--	--	--	0.00261	4.06E-05	4.06E-05
tert-Butylbenzene	--	--	--	--	--	--	0.00054	4.43E-05	4.43E-05
Isopropylbenzene	--	--	--	--	--	--	0.00094	3.31E-05	3.31E-05
Methyl ethyl ketone	--	--	--	--	--	--	0.00413	3.50E-06	3.50E-06
n-Propylbenzene	--	--	--	--	--	--	0.00051	6.88E-06	6.88E-06
Dibenzofuran	--	--	--	--	--	--	0.00259	NA	NA
TPH (C10-C36)	16.4	940	1.74E-02	501	940	5.33E-01	--	--	5.50E-01
								Cumulative Risk	**5.51E-01**

Notes:
COPC = Chemical of potential concern
mg/kg = Milligrams per kilogram
mg/L = Milligrams per liter
NA = Not available
-- = Not a COPC
None of the COPCs are carcinogenic

Table 9-6(c)
Summary of Calculated Risk Ratios for Future Construction Workers
West POL ACM Completion Report
Holloman AFB, New Mexico
NationView Project No.: 8090012

COPCs	Combined Pathways from Soil			Groundwater Representative Concentration (mg/L)	Dermal Contact with Groundwater	Outdoor Inhalation of Vapors from Groundwater	Risks for Non-carcinogenics
	Representative Concentration (mg/kg)	Target Concentration (mg/kg)	Non-carcinogenic Risk		Non-carcinogenic Risk	Non-carcinogenic Risk	
Acetone	--	--	--	0.01655	4.49E-07	9.82E-12	4.49E-07
n-Butylbenzene	--	--	--	0.00075	3.57E-07	7.80E-09	3.57E-07
sec-Butylbenzene	--	--	--	0.00261	2.07E-07	2.50E-08	2.07E-07
tert-Butylbenzene	--	--	--	0.00054	1.82E-04	8.85E-09	1.82E-04
Isopropylbenzene	--	--	--	0.00094	5.72E-05	5.85E-09	5.72E-05
Methyl ethyl ketone	--	--	--	0.00413	1.02E-03	1.61E-11	1.02E-03
n-Propylbenzene	--	--	--	0.00051	1.45E-04	1.16E-09	1.45E-04
Dibenzofuran	--	--	--	0.00259	1.71E-02	NA	1.71E-02
TPH (C10-C36)	337	2,350	1.43E-01	--	--	--	1.43E-01
						Cumulative Risk	**1.62E-01**

Notes:
COPC = Chemical of potential concern
mg/kg = Milligrams per kilogram
mg/L = Milligrams per liter
NA = Not available
--- = Not a COPC
None of the COPCs are carcinogenic

Table 9-7(a)
Toxicity and Physical/Chemical Parameters for Outdoor Inhalation of Vapors from Groundwater
West POL ACM Completion Report
Holloman AFB, New Mexico
NationView Project No.: 8090012

COPC	Inhalation Unit Risk (IUR)	Reference Concentration (RfC)	Water Solubility (S)	Henry's Law Constant (H)	Org. Carbon Adsorption Coeff. (K_{oc})	Molecular Diffusion		Molecular Weight (MW)
						in air (D_a)	in water (D_w)	
	[μg/m^3]	[mg/m^3]	[mg/L]	[L-water/L-air]	[cm^3/g]	[cm^2/s]	[cm^2/s]	[g/g-mol]
Acetone	NA	31	1.00E+06	1.60E-03	1.98E+00	1.20E-01	1.10E-05	5.81E+01
Isopropylbenzene	NA	0.4	6.13E+01	4.70E-01	8.17E+02	6.00E-02	7.90E-06	1.20E+02
Methyl ethyl ketone	NA	5	2.23E+05	2.30E-03	3.83E+00	9.10E-02	1.00E-05	7.20E+01
n-Butylbenzene	NA	***0.27***	***1.08E+01***	***5.57E-01***	***3.02E+03***	***5.70E-02***	***6.74E-06***	***1.34E+02***
n-Propylbenzene	NA	*1*	*5.22E+01*	*4.30E-01*	*8.13E+02*	*6.00E-02*	*7.80E-06*	*1.20E+02*
sec-Butylbenzene	NA	***0.27***	***1.81E+01***	***5.07E-01***	***2.09E+03***	***5.75E-02***	***6.75E-06***	***1.34E+02***
tert-Butylbenzene	NA	***0.27***	***1.51E+01***	***8.56E-01***	***2.45E+03***	***5.84E-02***	***6.76E-06***	***1.34E+02***
Dibenzofuran	NA	NA	*3.10E+00*	*8.70E-03*	*9.16E+03*	*4.10E-02*	*7.40E-06*	*1.68E+02*

Notes:
COPC = Chemical of potential concern
μg/m^3 = micrograms per cubic meter
mg/m^3 = milligrams per cubic meter
mg/L = milligrams per Liter
cm^3/g = cubic centimeters per gram
cm^2/s = square centimeters per second
g/g-mol = gram per gram mole
NA = Not available
Value in normal font obtained from Technical Background Document for Development of Soil Screening Levels, Revision 5.0 (NMED, 2009)
Value in italics obtained from the Regional Screening Levels Tables (USEPA, 2009b)
Value in bold and italics obtained from the Texas Risk Reduction Program Rule Tables (TCEQ, 2010)

Table 9-7(b)
Exposure Factors Used for Calculating Target Levels for Outdoor Inhalation of Vapors from Groundwater
West POL ACM Completion Report
Holloman AFB, New Mexico
NationView Project No.: 8090012

Parameter	Symbol	Unit	Values Used	Source
Averaging time for carcinogen	ATc	days	25,550	NMED, 2009
Averaging time for non-carcinogen	ATnc	days	ED*365	NMED, 2009
Body weight for child	BWc	kg	15	NMED, 2009
Body weight for adult	BWa	kg	70	NMED, 2009
Exposure duration (ED) for commercial/industrial workers	ED_{CI}	years	25	NMED, 2009
Exposure duration for construction workers	ED_{CW}	years	1	NMED, 2009
Exposure frequency for commercial/industrial workers	EF_{CI}	days/year	225	NMED, 2009
Exposure frequency for construction workers	EF_{CW}	days/year	250	NMED, 2009
Exposure time for commercial/industrial workers	ET_{CI}	Unitless	0.33	NMED, 2009
Exposure time for construction workers	ET_{CW}	Unitless	0.33	NMED, 2009

Notes:
NMED = New Mexico Environment Department
NMED, 2009. Technical Background Document for Development of Soil Screening Levels, Revision 5.0
kg = kilograms
days/year = days per year

Table 9-7(c)
Fate and Transport Parameters Used for Calculating Outdoor Inhalation of Vapors from Subsurface Soil and Groundwater
West POL ACM Completion Report
Holloman AFB, New Mexico
NationView Project No.: 8090012

Parameter	Symbol	Unit	Value Used	Source
Mean annual wind speed	U_m	m/s	4.02	NMED, 2009
Breathing zone height	δ_a	cm	200	ASTM, 1995
Depth to groundwater	L_{GW}	cm	198	Site-specific
Thickness of capillary fringe[1]	h_{cap}	cm	18.8	Site-specific
Dimension of source area parallel to wind direction[2]	W_{ga}	cm	4,267	Site-specific
Soil dry bulk density in vadose zone	ρ_b	g/cm^3	1.5	Site-specific
Soil total porosity in vadose zone	n	unitless	0.43	NMED, 2009
Soil water-filled porosity in vadose zone	θ_{wv}	cm^3/cm^3	0.26	NMED, 2009
Soil total porosity in capillary fringe[3]	n_{cap}	unitless	0.43	Professional Judgment
Soil water-filled porosity in capillary fringe[4]	θ_{wcap}	cm^3/cm^3	0.387	Professional Judgment

Notes:
ASTM = American Society for Testing and Materials
NMED = New Mexico Environment Department
ASTM, 1995. Standard Guide for Risk-Based Corrective Action Applied at Petroleum Release Sites
NMED, 2009. Technical Background Document for Development of Soil Screening Levels, Revision 5.0
USEPA, 2004b. User's Guide for Evaluating Subsurface Vapor Intrusion into Buildings
1 = Obtained from USEPA (2004b) for site-specific soil type of loamy sand
2 = Since this is not a sensitive parameter and wind direction is variable, conservatively the longer area dimension of 140 ft (4,267 cm) was used
3 = Soil total porosity in capillary fringe was assumed to be same as in vadose zone
4 = Water-filled porosity in capillary fringe was assumed to be 90% of the water-filled porosity in vadose zone
m/s = meters per second
cm = centimeters
g/cm^3 = grams per cubic centimeter
cm^3/cm^3 = cubic centimeters per cubic centimeter

Table 9-8(a)
Toxicity and Physical and Chemical Parameters Used for Calculating Target Levels of Indoor Inhalation of Vapors (J&E Model)
West POL ACM Completion Report
Holloman AFB, New Mexico
NationView Project No.: 8090012

Chemical	Organic carbon partition coefficient	Diffusivity		Pure component water solubility	Henry's law constant	Henry's law constant at reference temperature	Henry's law constant reference temperature	Normal boiling point	Critical temperature	Enthalpy of vaporization at the normal boiling point	Unit risk factor	Reference concentration
		in air	in water									
	K_{oc} (cm^3/g)	D_a (cm^2/s)	D_w (cm^2/s)	S (mg/L)	H' (unitless)	H (atm-m^3/mol)	T_R (^oC)	T_B (^oK)	T_C (^oK)	$DH_{v,b}$ (cal/mol)	URF $(mg/m^3)^{-1}$	RfC (mg/m^3)
Acetone	1.98E+00	1.20E-01	1.10E-05	1.00E+06	1.60E-03	3.91E-05	25	329	508	6,955	NA	3.1E+01
Isopropylbenzene	8.17E+02	6.00E-02	7.90E-06	6.13E+01	4.70E-01	1.15E-02	25	426	631	10,335	NA	4.0E-01
2-Butanone (MEK)	3.83E+00	9.10E-02	1.00E-05	2.23E+05	2.30E-03	5.62E-05	25	353	537	7,481	NA	5.0E+00
n-Butylbenzene	***3.02E+03***	***5.70E-02***	***6.74E-06***	***1.08E+01***	***5.57E-01***	***1.36E-02***	25	456	661	9,290	NA	***2.7E-01***
n-Propylbenzene	*8.13E+02*	*6.00E-02*	*7.80E-06*	*5.22E+01*	*4.30E-01*	*1.05E-02*	25	432	630	9,123	NA	*1.0E+00*
sec-Butylbenzene	***2.09E+03***	***5.75E-02***	***6.75E-06***	***1.81E+01***	***5.07E-01***	***1.24E-02***	25	447	679	88,730	NA	***2.7E-01***
tert-Butylbenzene	***2.45E+03***	***5.84E-02***	***6.76E-06***	***1.51E+01***	***8.56E-01***	***2.09E-02***	25	442	1,220	8,980	NA	***2.7E-01***
Dibenzofuran	*9.16E+03*	*4.10E-02*	*7.40E-06*	*3.10E+00*	*8.70E-03*	*2.13E-04*	25	560	824	66,400	NA	NA

Notes:
NA = Not available
Value in normal font obtained from Technical Background Document for Development of Soil Screening Levels, Revision 5.0 (NMED, 2009)
Value in italics obtained from the Regional Screening Levels Tables (USEPA, 2009b)
Value in bold and italics obtained from the Texas Risk Reduction Program Rule Tables (TCEQ, 2010)
Value underlined obtained from the User's Guide for Evaluating Subsurface Vapor Intrusion into Buildings (USEPA, 2004b)
cm^3/g = cubic centimeters per gram
cm^2/s = square centimeters per second
mg/L = milligrams per Liter
atm-m^3/mol = atmospheric-cubic meters per mole
˚C = Degrees Celcius
˚K = Kelvin
cal/mol = Calories per mole
mg/m^3 = milligrams per cubic meter

Table 9-8(b)
Exposure Factors Used for Calculating Target Levels of Indoor Inhalation of Vapors (J&E Model)
West POL ACM Completion Report
Holloman AFB, New Mexico
NationView Project No.: 8090012

Parameter	Symbol	Unit	Values Used	Source
Averaging time for carcinogen	ATc	days	25,550	NMED, 2009
Averaging time for non-carcinogen	ATnc	days	ED*365	NMED, 2009
Exposure duration for resident	ED	years	30	NMED, 2009
Exposure frequency for resident	EF	days/year	350	NMED, 2009

Notes:
NMED, 2009. Technical Background Document for Development of Soil Screening Levels, Revision 5.0
NMED = New Mexico Environment Department

Table 9-8(c)
Media Specific Parameters Used for Calculating Target Levels of Indoor Inhalation of Vapors (J&E Model)
West POL ACM Completion Report
Holloman AFB, New Mexico
NationView Project No.: 8090012

Parameter	Symbol	Unit	Value Used	Source
Source Parameters				
Average soil temperature	T_s	°C	21	Site-specific
Depth below grade to water table	L_{WT}	cm	198	Site-specific
Geotechnical Parameters				
Soil dry bulk density	ρ_b	g/cm^3	1.5	Site-specific
Soil total porosity	n	unitless	0.43	NMED, 2009
Soil water-filled porosity	θ_w	cm^3/cm^3	0.26	NMED, 2009
Building Parameters				
Depth below grade to bottom of enclosed space floor	L_F	cm	15	USEPA, 2004b
Enclosed space floor thickness	L_{crack}	cm	10	USEPA, 2004b
Enclosed space floor length	L_B	cm	1000	USEPA, 2004b
Enclosed space floor width	W_B	cm	1000	USEPA, 2004b
Enclosed space height	H_B	cm	244	USEPA, 2004b
Floor-wall seam crack width	w	cm	0.1	USEPA, 2004b
Indoor air exchange rate	ER	1/hr	0.25	USEPA, 2004b
Average vapor flow rate into building	Q_{soil}	L/m	5	USEPA, 2004b

Notes:
NMED = New Mexico Environment Department
USEPA = United States Environmental Protection Agency
NMED, 2009. Technical Background Document for Development of Soil Screening Levels, Revision 5.0
USEPA, 2004b. User's Guide for Evaluating Subsurface Vapor Intrusion into Buildings
˚C = Degrees Celcius
cm = centimeters
g/cm^3 = grams per cubic centimeter
cm^3/cm^3 = cubic centimeters per cubic centimeter
1/hr = One per hour
L/m = Liter per minute

Table 9-9(a)
Toxicity Values and Parameters Used for Calculating Target Levels for Dermal Contact with Groundwater
West POL ACM Completion Report
Holloman AFB, New Mexico
NationView Project No.: 8090012

COPC	Dermal Slope Factor (SFd) [kg-day/mg]	Dermal Reference Dose (RfDd) [mg/kg-day]	Dermal Permeability Constant (Kp) [cm/hr]	Relative Contribution of Permeability Coefficient (B) [--]	Lag Time (τ_{event}) [hr]	Time to Reach Steady-State (t*) [hr]	Fraction Absorbed (FA) [--]
Acetone	NA	9.00E-01	**5.23E-04**	**1.53E-03**	**2.22E-01**	**5.34E-01**	**1**
Isopropylbenzene	NA	1.00E-01	**9.60E-04**	**3.14E-03**	**2.70E-01**	**6.47E-01**	**1**
Methyl ethyl ketone	NA	6.00E-01	**9.60E-04**	**3.14E-03**	**2.70E-01**	**6.47E-01**	**1**
Naphthalene	NA	2.00E-02	**4.66E-02**	**2.03E-01**	**5.58E-01**	**1.34E+00**	**1**
n-Butylbenzene	NA	*4.00E-02*	***2.01E-01***	***8.82E-01***	***5.62E-01***	***2.16E+00***	***1***
n-Propylbenzene	NA	*1.00E-01*	***9.74E-02***	***4.11E-01***	***4.95E-01***	***1.19E+00***	***1***
sec-Butylbenzene	NA	*4.00E-02*	***1.48E-01***	***6.51E-01***	***5.62E-01***	***2.21E+00***	***1***
tert-Butylbenzene	NA	*4.00E-02*	***1.70E-01***	***7.46E-01***	***5.62E-01***	***2.17E+00***	***1***
Dibenzofuran	NA	*1.00E-03*	***7.87E-02***	***3.92E-01***	***9.20E-01***	***2.21E+00***	***0.98***

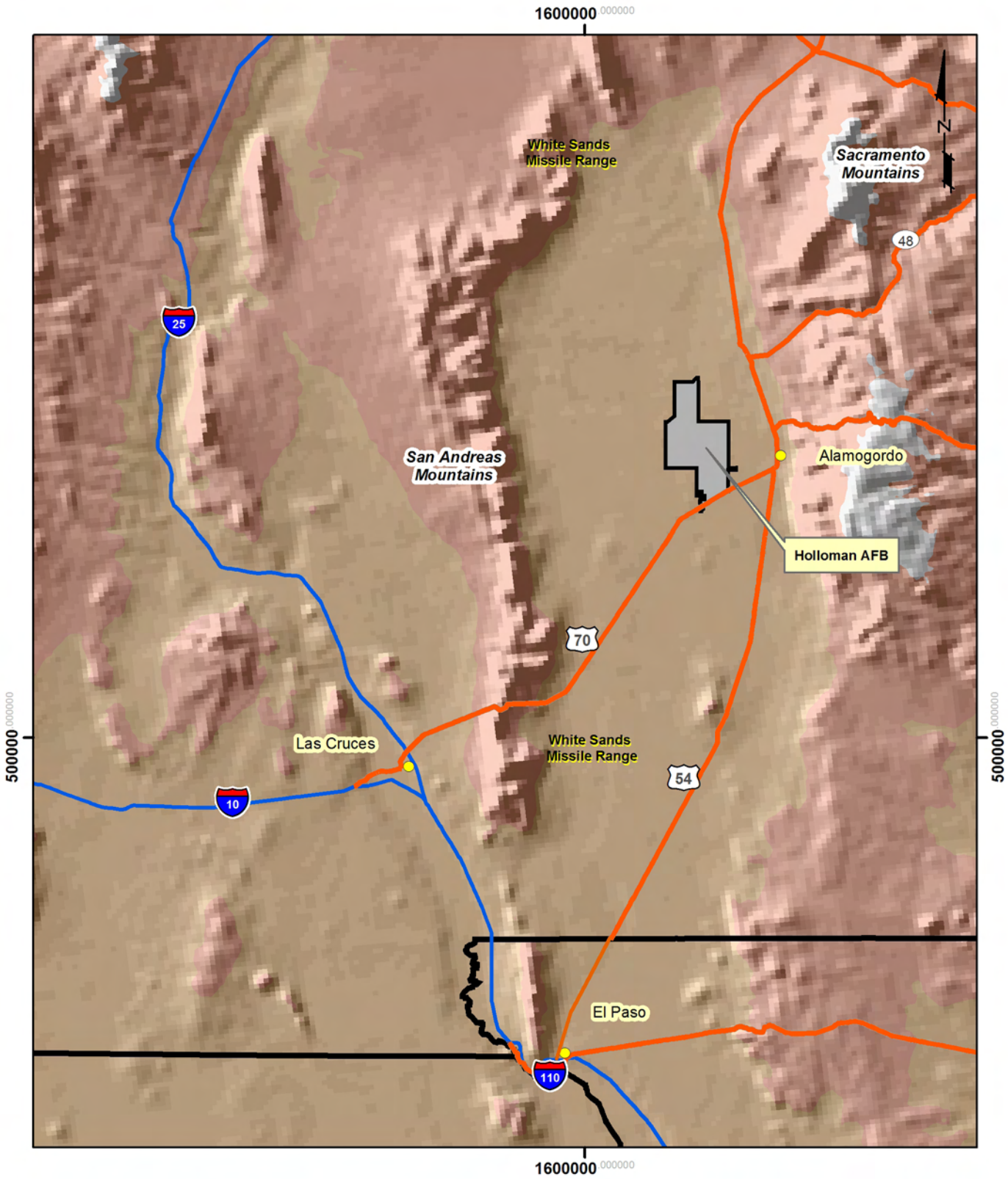
Notes:
NA = Not available
Value in normal font was obtained from the Technical Background Document for Development of Soil Screening Levels, Revision 5.0 (NMED, 2009)
Value in italics obtained from the Regional Screening Levels Tables (USEPA, 2009b)
Value in italics and underlined obtained from the Texas Risk Reduction Program Rule Tables (TCEQ, 2010)
Value in bold was obtained from the RAGS Volume I, Part E (USEPA, 2004a)
Value in bold and italics was estimated as per the RAGS Volume I, Part E (USEPA, 2004a)
kg-day/mg = kilograms per day per millgram
mg/kg-day = milligrams per kilogram per day
cm/hr = centimeters per hour
hr = hour

Table 9-9(b)
Exposure Factors Used for Calculating Target Levels for Dermal Contact with Groundwater
West POL ACM Completion Report
Holloman AFB, New Mexico
NationView Project No.: 8090012

Parameter	Symbol	Unit	Values Used	Source
Averaging time for carcinogen	ATc	days	25,550	NMED, 2009
Averaging time for non-carcinogen	ATnc	days	ED*365	NMED, 2009
Body weight for construction worker	BW	kg	70	NMED, 2009
Exposure duration for construction worker	ED	years	1	NMED, 2009
Exposure frequency for construction worker	EF	days/year	250	NMED, 2009
Skin surface area for dermal contact with water for construction worker	SA_{gw}	cm^2/day	3,300	USEPA, 2004a
Event frequency for dermal contact with water for construction worker	EV_{gw}	event/day	1	Professional judgment
Event duration for dermal contact with water for construction worker	t_{event}	hr/event	1	Professional judgment

Notes:
NMED = New Mexico Environment Department
USEPA = United States Environmental Protection Agency
NMED, 2009. Technical Background Document for Development of Soil Screening Levels, Revision 5.0
USEPA, 2004a. Risk Assessment Guidance for Superfund Volume I, Part E Supplemental Guidance for Dermal Risk Assessment
kg = kilogram
days/year = days per year
cm^2/day = square centimeters per day
event/day = events per day
hr/event = hours per event

FIGURES

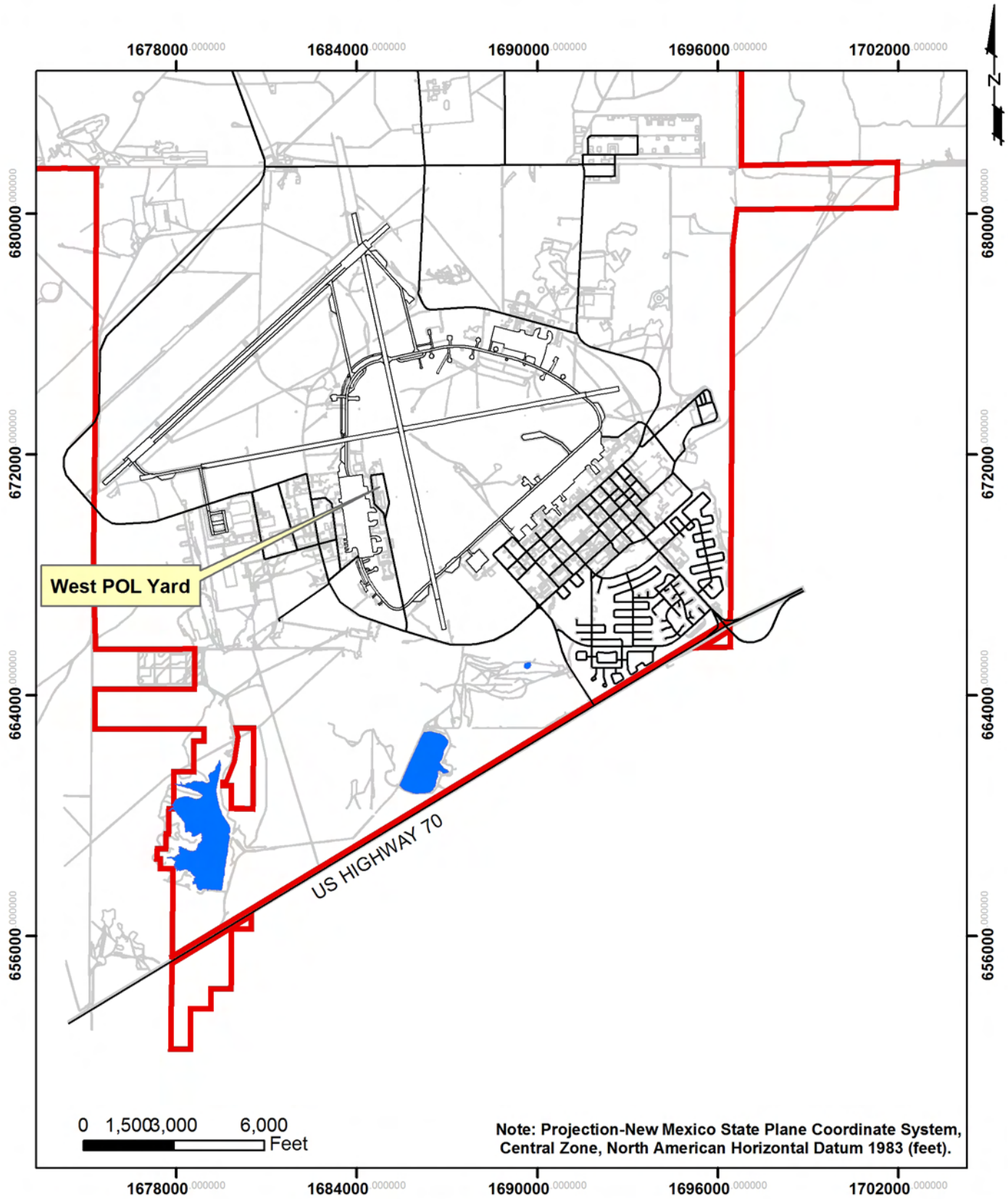


0 4.5 9 18 27 36 Miles

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

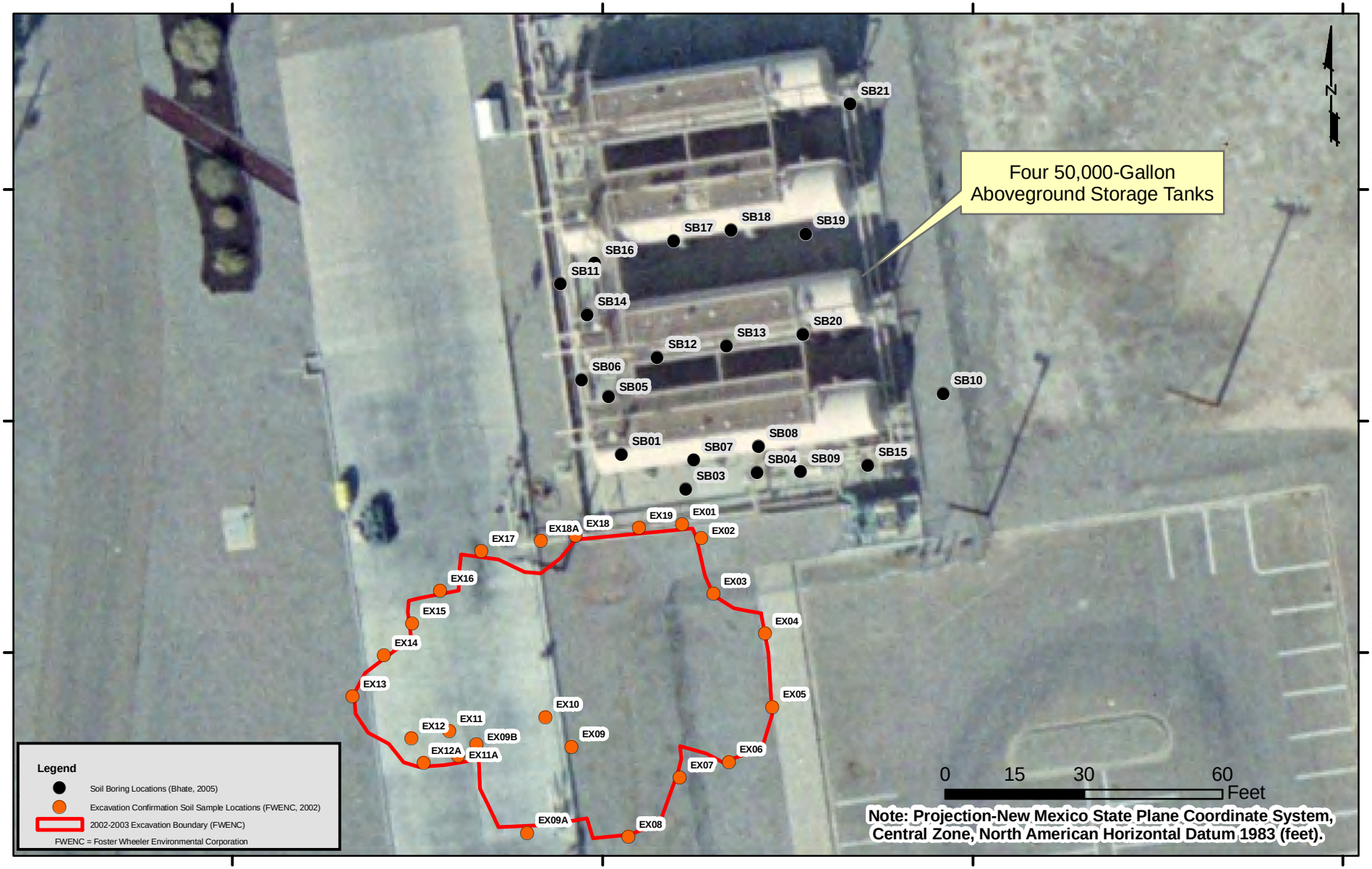
NATIONVIEW

Holloman AFB, New Mexico Location Map				West POL Yard Completion Report Accelerated Corrective Measures Holloman AFB, New Mexico
PROJECT NO.	SCALE	DATE	DRAWN BY: cm	
8090012	1"=18 Miles	10/2/09	DRAWING NO: Figure 2-1	Figure 2-1



NATIONVIEW

West POL Yard Site Location Map				
PROJECT NO.	SCALE	DATE	DRAWN BY: cm	West POL Yard Completion Report Accelerated Corrective Measures Holloman AFB, New Mexico
8090012	Shown	10/2/09	DRAWING NO: Figure 2-2	Figure 2-2



NATIONVIEW

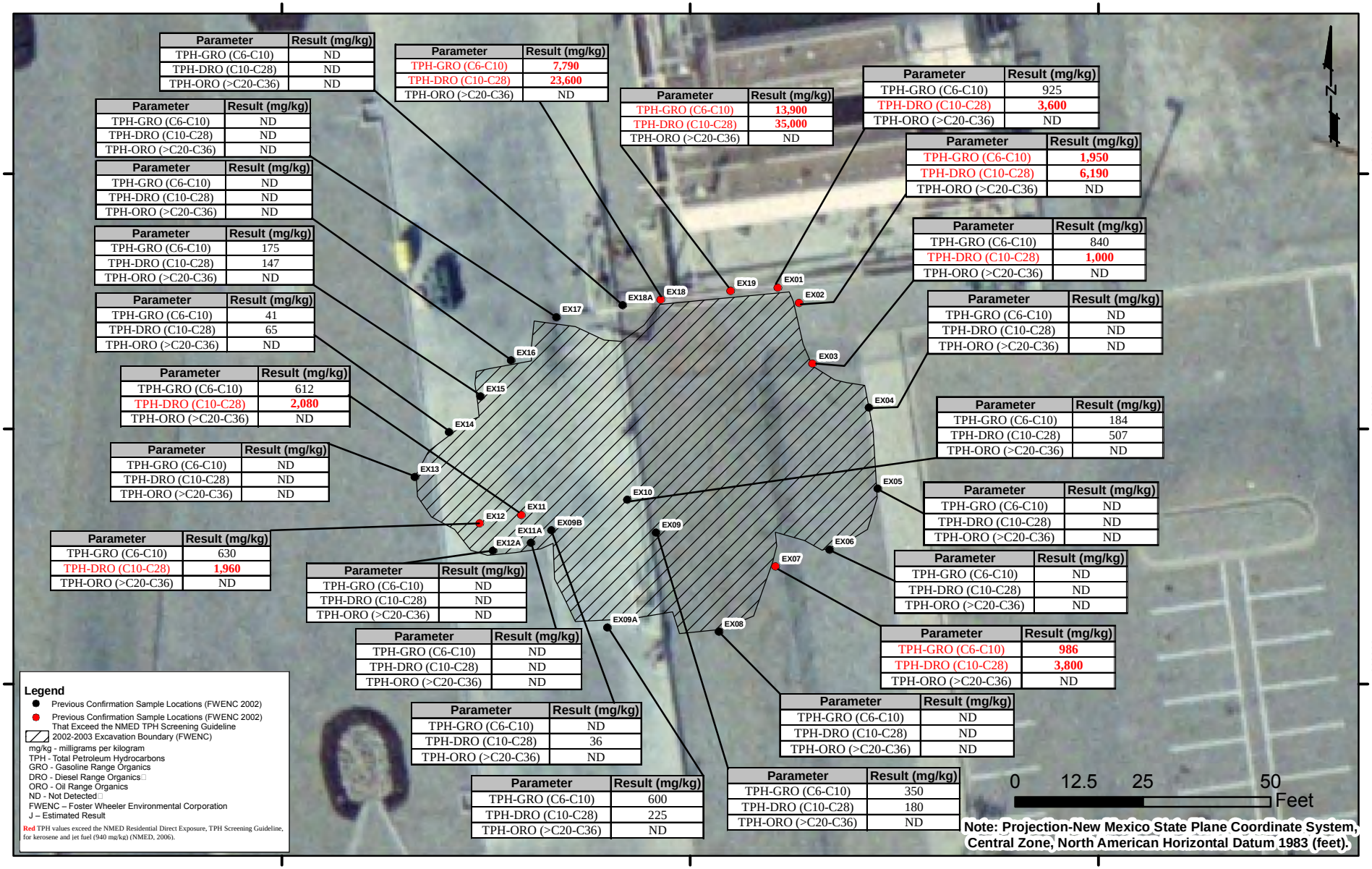
West POL Yard Site
Previous Excavation Boundary and Previous Sampling Locations

PROJECT NO.	SCALE	DATE	DRAWN BY:
8090012	1"=30'	6/14/10	cm

DRAWING NO: figure2-3

West POL Yard
Accelerated Corrective Measures
Completion Report
Holloman AFB, New Mexico

Figure 2-3



Parameter	Result (mg/kg)
TPH-GRO (C6-C10)	ND
TPH-DRO (C10-C28)	ND
TPH-ORO (>C20-C36)	ND

Parameter	Result (mg/kg)
TPH-GRO (C6-C10)	7,790
TPH-DRO (C10-C28)	23,600
TPH-ORO (>C20-C36)	ND

Parameter	Result (mg/kg)
TPH-GRO (C6-C10)	13,900
TPH-DRO (C10-C28)	35,000
TPH-ORO (>C20-C36)	ND

Parameter	Result (mg/kg)
TPH-GRO (C6-C10)	925
TPH-DRO (C10-C28)	3,600
TPH-ORO (>C20-C36)	ND

Parameter	Result (mg/kg)
TPH-GRO (C6-C10)	ND
TPH-DRO (C10-C28)	ND
TPH-ORO (>C20-C36)	ND

Parameter	Result (mg/kg)
TPH-GRO (C6-C10)	1,950
TPH-DRO (C10-C28)	6,190
TPH-ORO (>C20-C36)	ND

Parameter	Result (mg/kg)
TPH-GRO (C6-C10)	ND
TPH-DRO (C10-C28)	ND
TPH-ORO (>C20-C36)	ND

Parameter	Result (mg/kg)
TPH-GRO (C6-C10)	840
TPH-DRO (C10-C28)	1,000
TPH-ORO (>C20-C36)	ND

Parameter	Result (mg/kg)
TPH-GRO (C6-C10)	175
TPH-DRO (C10-C28)	147
TPH-ORO (>C20-C36)	ND

Parameter	Result (mg/kg)
TPH-GRO (C6-C10)	ND
TPH-DRO (C10-C28)	ND
TPH-ORO (>C20-C36)	ND

Parameter	Result (mg/kg)
TPH-GRO (C6-C10)	41
TPH-DRO (C10-C28)	65
TPH-ORO (>C20-C36)	ND

Parameter	Result (mg/kg)
TPH-GRO (C6-C10)	612
TPH-DRO (C10-C28)	2,080
TPH-ORO (>C20-C36)	ND

Parameter	Result (mg/kg)
TPH-GRO (C6-C10)	184
TPH-DRO (C10-C28)	507
TPH-ORO (>C20-C36)	ND

Parameter	Result (mg/kg)
TPH-GRO (C6-C10)	ND
TPH-DRO (C10-C28)	ND
TPH-ORO (>C20-C36)	ND

Parameter	Result (mg/kg)
TPH-GRO (C6-C10)	ND
TPH-DRO (C10-C28)	ND
TPH-ORO (>C20-C36)	ND

Parameter	Result (mg/kg)
TPH-GRO (C6-C10)	630
TPH-DRO (C10-C28)	1,960
TPH-ORO (>C20-C36)	ND

Parameter	Result (mg/kg)
TPH-GRO (C6-C10)	ND
TPH-DRO (C10-C28)	ND
TPH-ORO (>C20-C36)	ND

Parameter	Result (mg/kg)
TPH-GRO (C6-C10)	ND
TPH-DRO (C10-C28)	ND
TPH-ORO (>C20-C36)	ND

Parameter	Result (mg/kg)
TPH-GRO (C6-C10)	ND
TPH-DRO (C10-C28)	ND
TPH-ORO (>C20-C36)	ND

Parameter	Result (mg/kg)
TPH-GRO (C6-C10)	986
TPH-DRO (C10-C28)	3,800
TPH-ORO (>C20-C36)	ND

Parameter	Result (mg/kg)
TPH-GRO (C6-C10)	ND
TPH-DRO (C10-C28)	ND
TPH-ORO (>C20-C36)	ND

Parameter	Result (mg/kg)
TPH-GRO (C6-C10)	ND
TPH-DRO (C10-C28)	36
TPH-ORO (>C20-C36)	ND

Parameter	Result (mg/kg)
TPH-GRO (C6-C10)	600
TPH-DRO (C10-C28)	225
TPH-ORO (>C20-C36)	ND

Parameter	Result (mg/kg)
TPH-GRO (C6-C10)	350
TPH-DRO (C10-C28)	180
TPH-ORO (>C20-C36)	ND

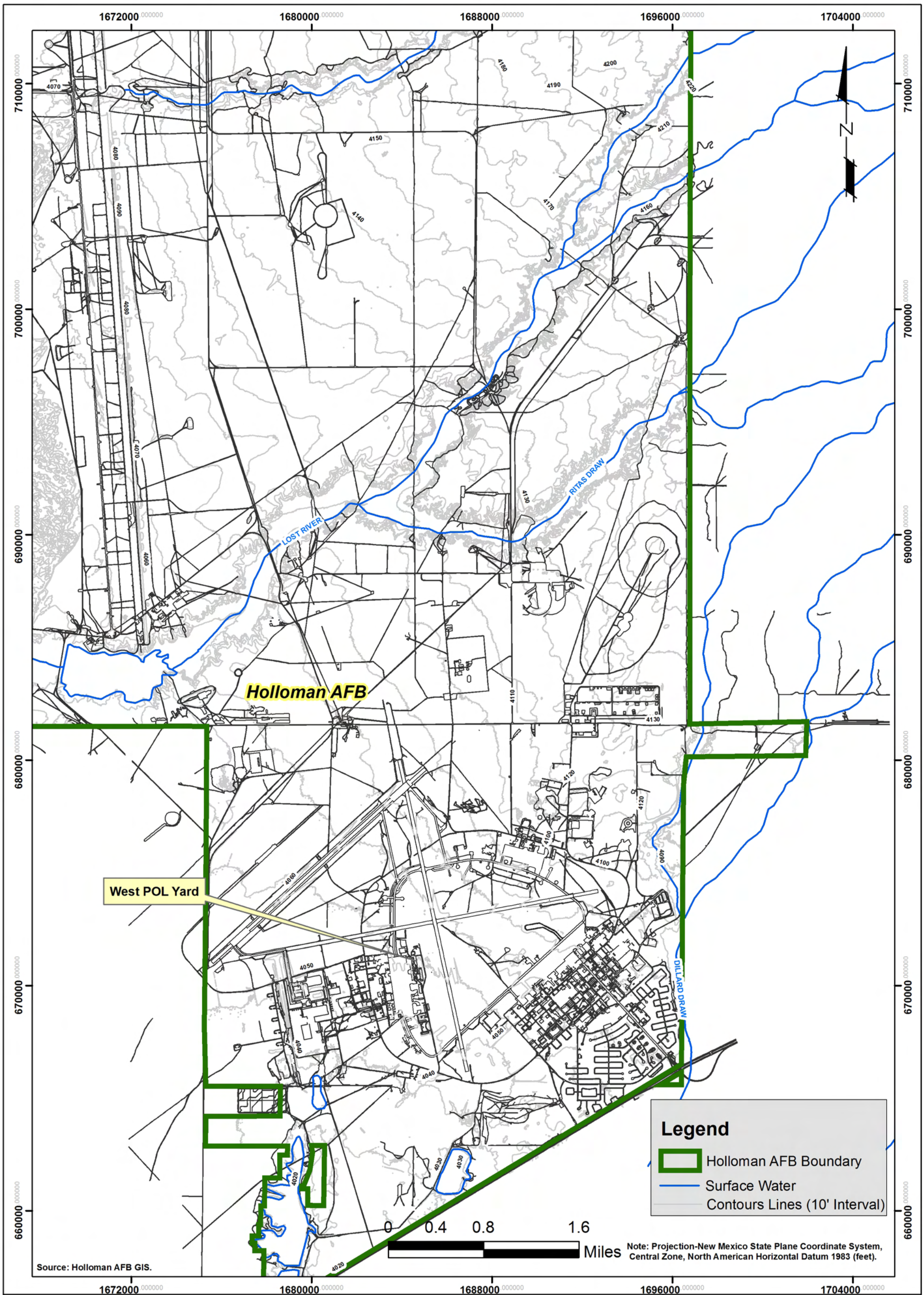
NATIONVIEW

Previous Excavation (2002-2003) Confirmation Soil Analytical Results

PROJECT NO.	SCALE	DATE	DRAWN BY:
8090012	1"=30'	6/14/10	cm
			DRAWING NO: figure2-4

West POL Yard
Accelerated Corrective Measures
Completion Report
Holloman AFB, New Mexico

Figure 2-4



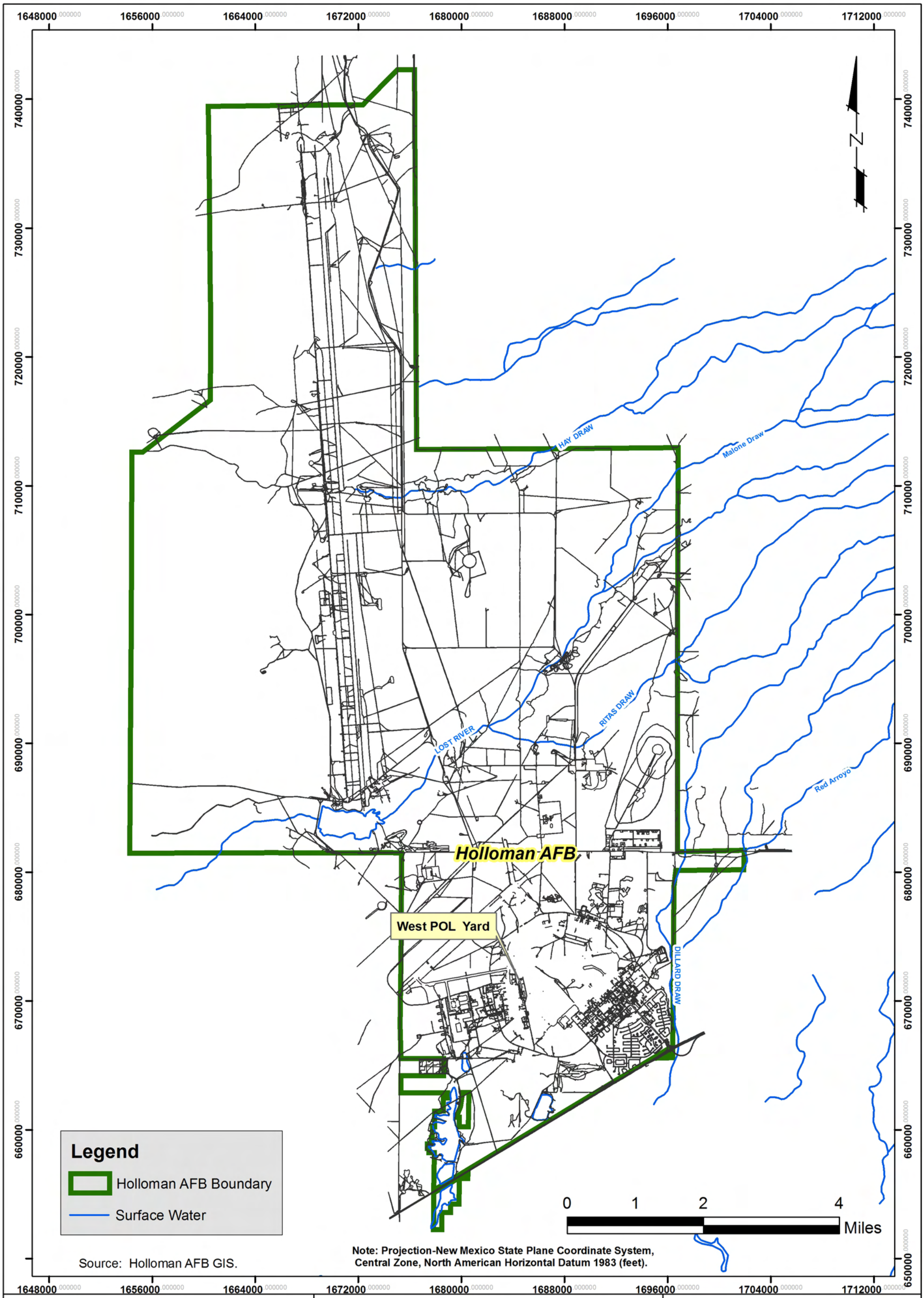
NATIONVIEW

Topographic Map
Holloman AFB, New Mexico

PROJECT NO.	SCALE	DATE	DRAWN BY:
8090012	1"=4000'	10/2/09	cm
			DRAWING NO: Topo_3-1

West POL Yard Completion Report
Accelerated Corrective Measures
Holloman AFB, New Mexico

Figure 3-1



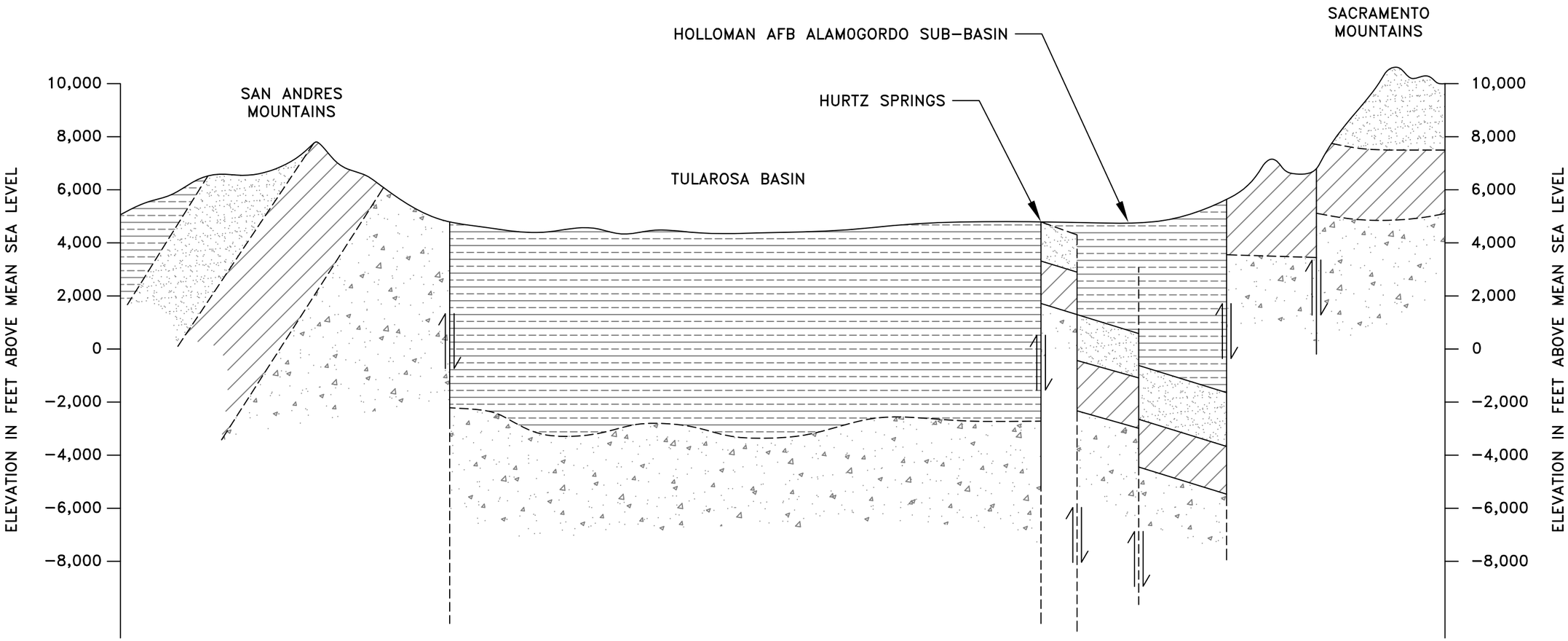
NATIONVIEW

Surface Drainages
Holloman AFB, New Mexico

PROJECT NO.	SCALE	DATE	DRAWN BY:
8090012	1"=7000'	10/2/09	cm
			DRAWING NO: drainage_3-2

West POL Yard Completion Report
Accelerated Corrective Measures
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:

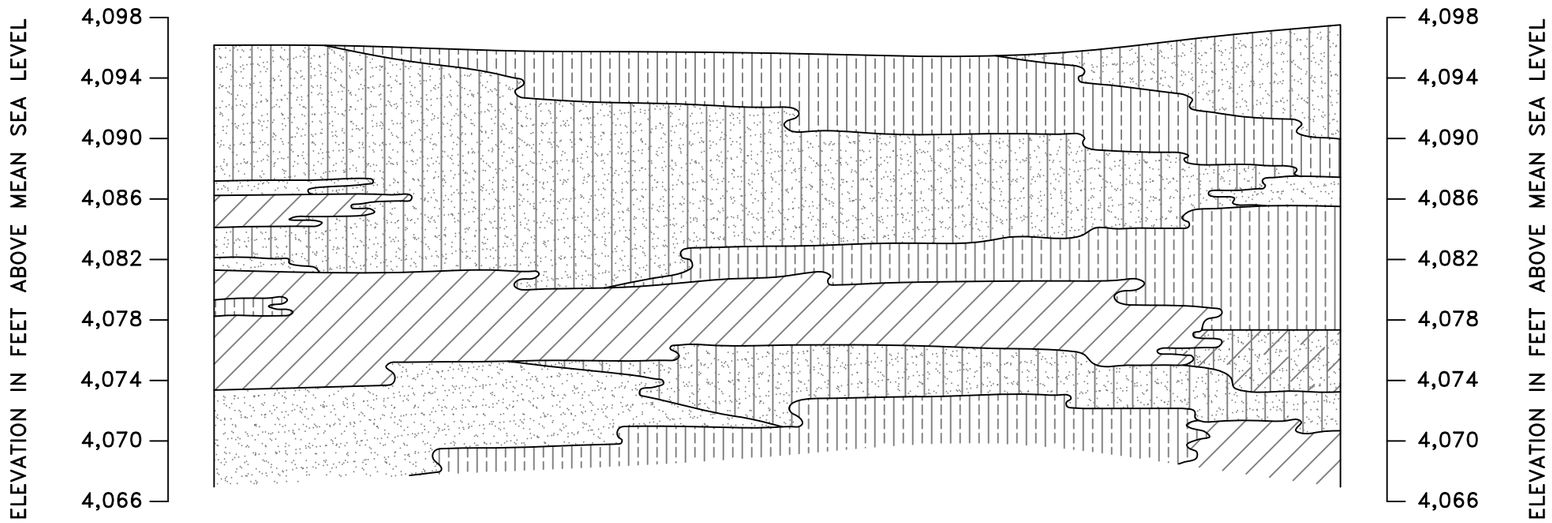
This information is depicted to provide visual aid within the context of this report and should not be used as a sole reference in precise dimensioning of features indicated. Please verify the location of all features including underground and aboveground utilities prior to conducting any subsurface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

West POL Yard Completion Report
Accelerated Corrective Measures
Holloman AFB, New Mexico
Figure 3-3

GENERALIZED GEOLOGIC CROSS SECTION OF THE TULAROSA BASIN

PROJECT NO.	SCALE	DATE	DRAWN BY:	DRAWING NO:
8090012	SHOWN	10/01/09	MRM	Figure 3-3

NATIONVIEW



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:

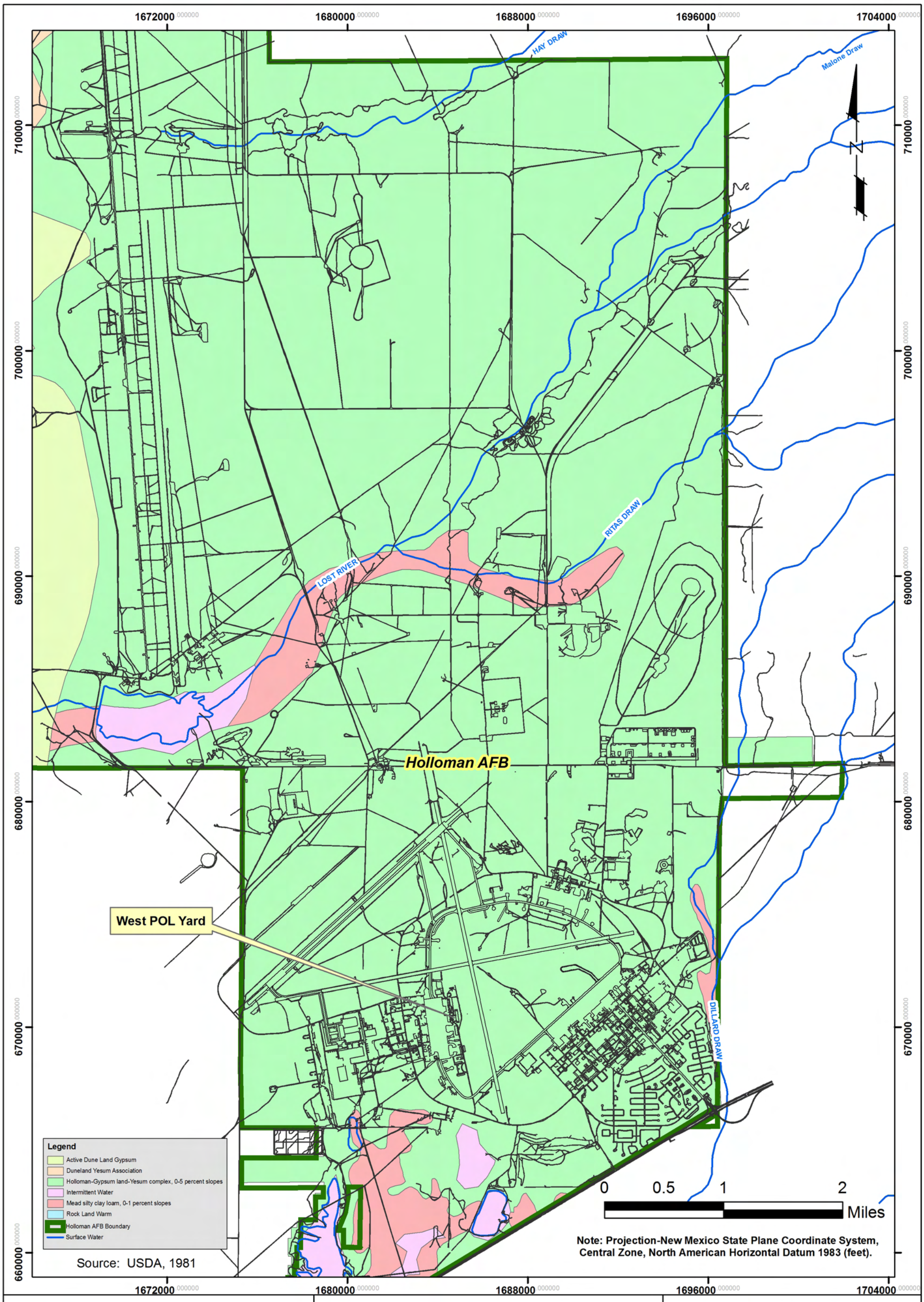
West POL Yard Completion Report
Accelerated Corrective Measures
Holloman AFB, New Mexico

Figure 3–4

GENERALIZED NEAR–SURFACE GEOLOGIC CROSS SECTION FOR HOLLOMAN AFB

PROJECT NO.	SCALE	DATE	DRAWN BY:	DRAWING NO:
8090012	SHOWN	10/01/09	MRM	Figure 3–4

NATIONVIEW



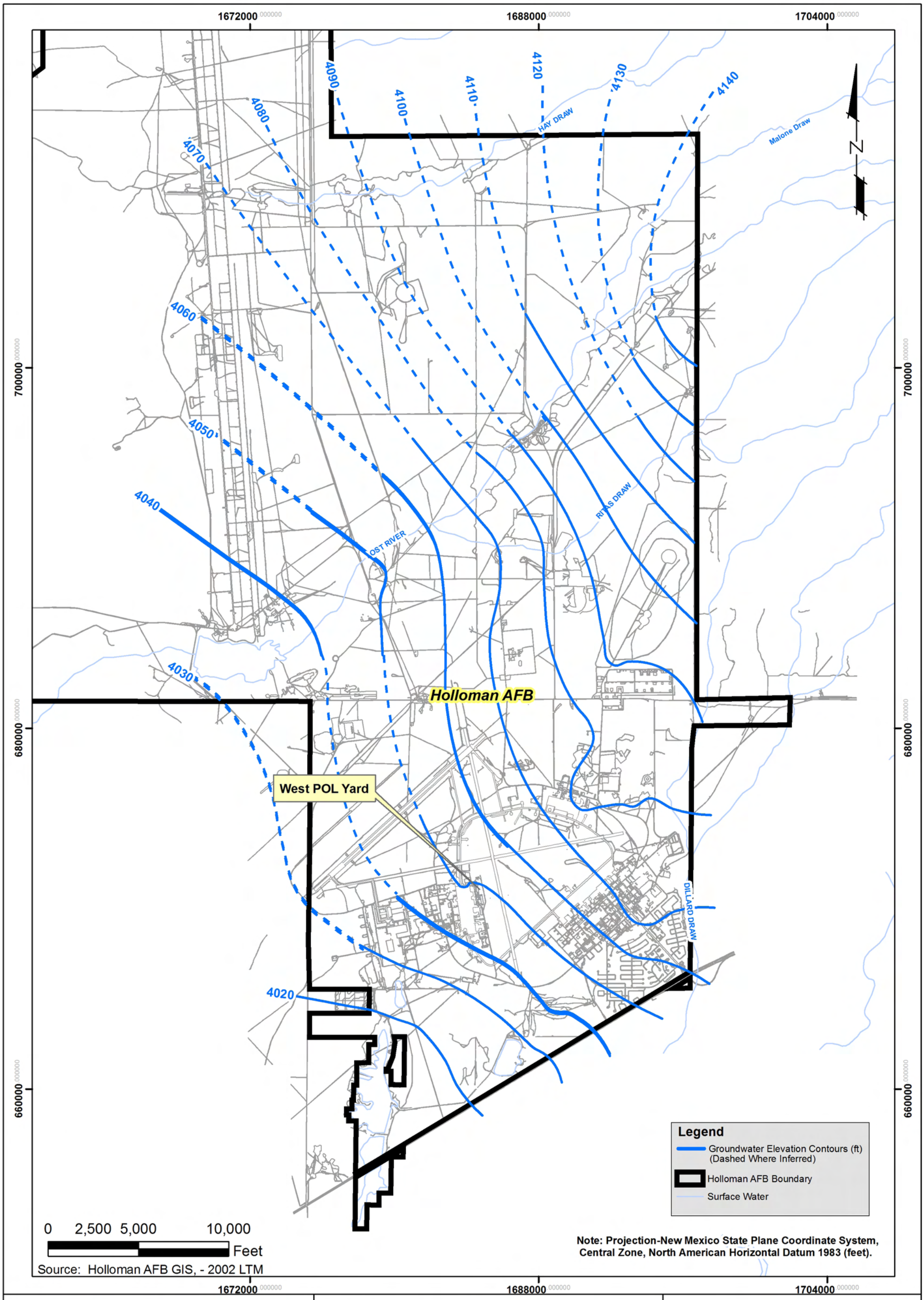
NATIONVIEW

Soil Map
Holloman AFB, New Mexico

PROJECT NO.	SCALE	DATE	DRAWN BY:
8090012	1"=4000'	10/2/09	cm
			DRAWING NO: soils_3-5

West POL Yard Completion Report
Accelerated Corrective Measures
Holloman AFB, New Mexico

Figure 3-5



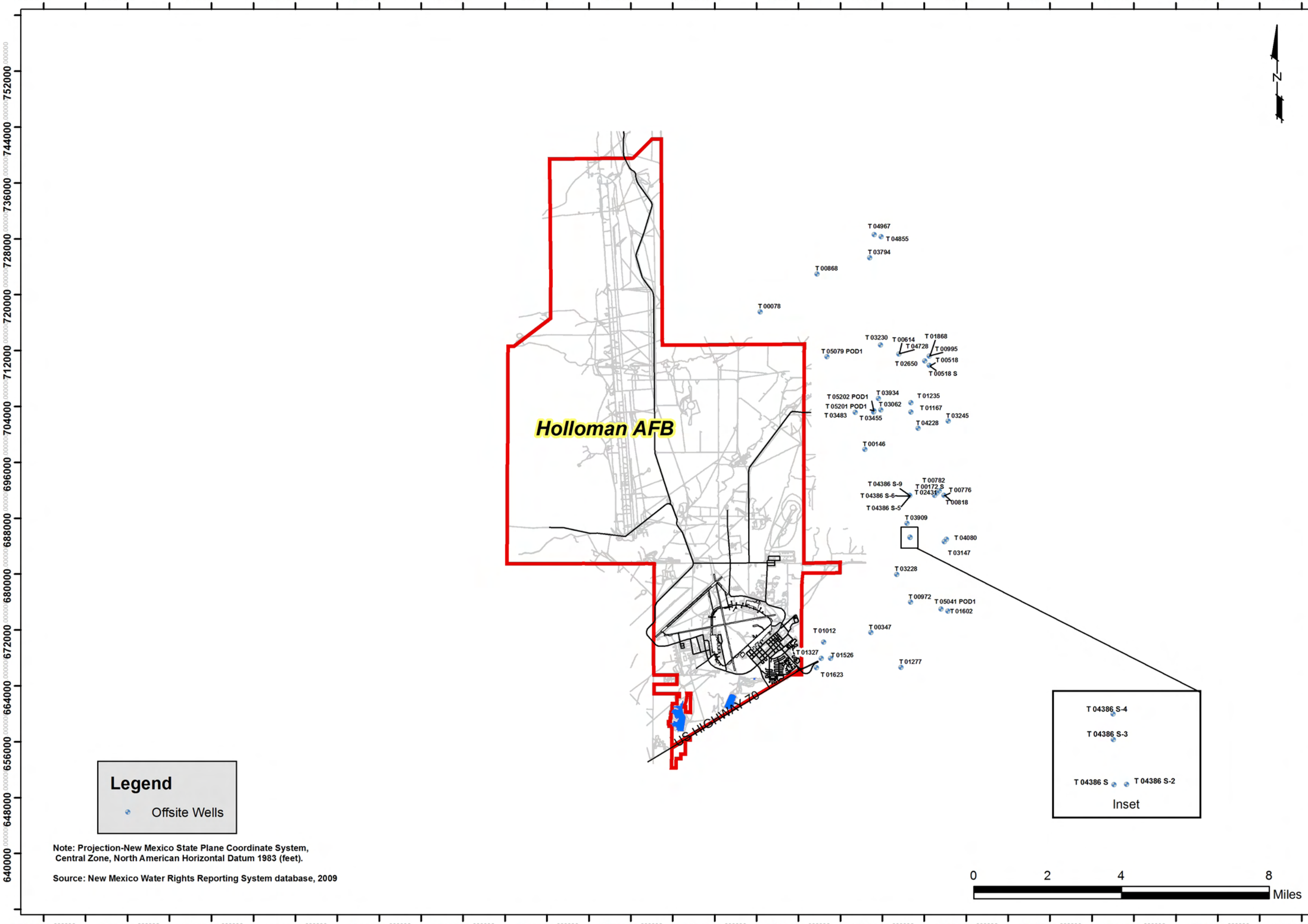
NATIONVIEW

Groundwater Contour Map
Holloman AFB, New Mexico

PROJECT NO.	SCALE	DATE	DRAWN BY:
8090012	1"=5000'	10/2/09	cm
			DRAWING NO: gwcontour_3-6

West POL Yard Completion Report
Accelerated Corrective Measures
Holloman AFB, New Mexico

Figure 3-6



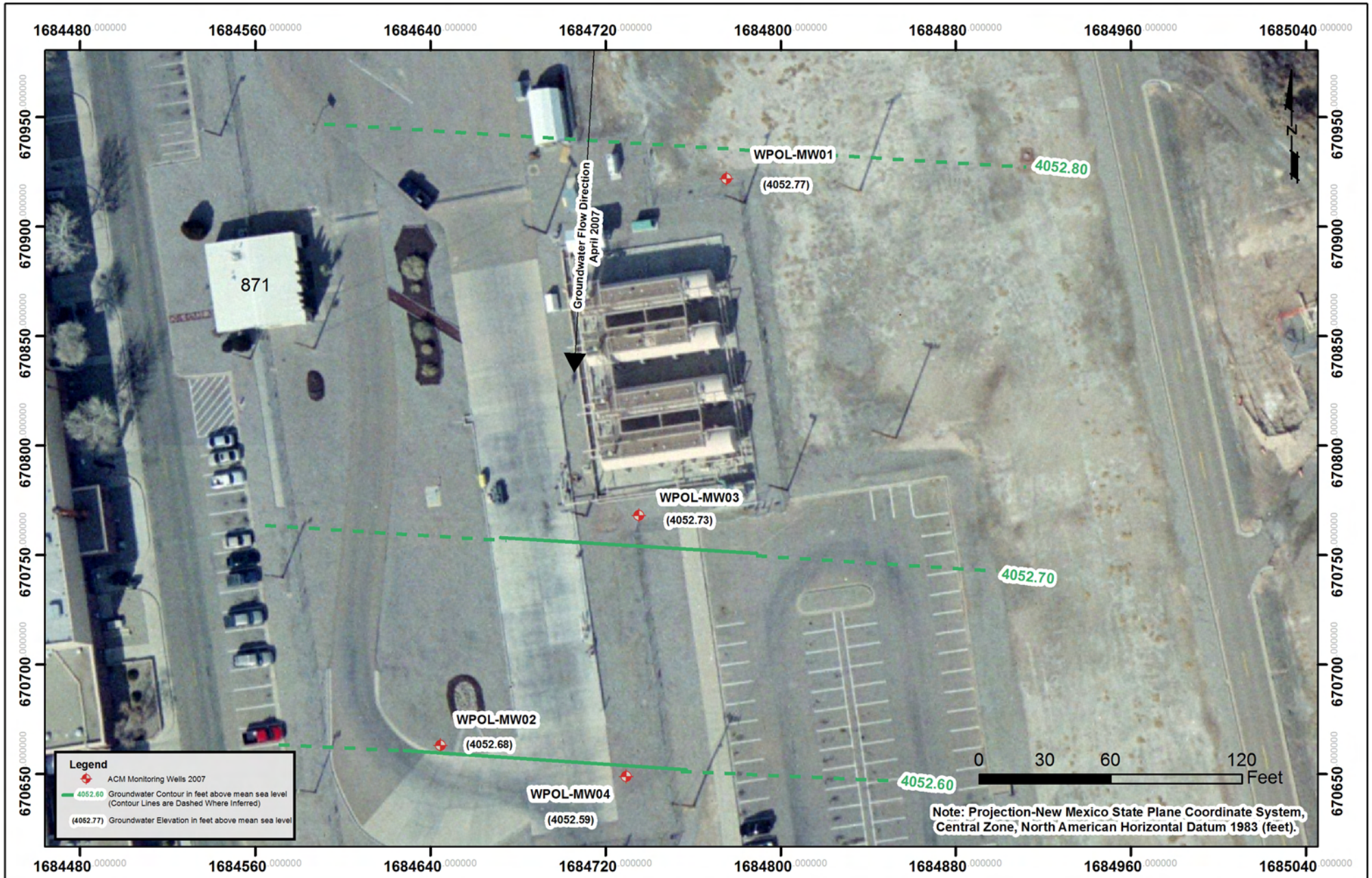
West POL Yard Completion Report
Accelerated Corrective Measures
Holloman AFB, New Mexico

Figure 3-7

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

PROJECT NO.	SCALE	DATE	DRAWN BY:	DRAWING NO:
8090012	Shown	10/2/09	cm	Figure 3-7

NATIONVIEW



NATIONVIEW

West POL Yard
Potentiometric Surface Map

PROJECT NO.	SCALE	DATE	DRAWN BY:
8090012	1"=60'	10/2/09	cm
			DRAWING NO: figure3-8

West POL Yard Completion Report
Accelerated Corrective Measures
Holloman AFB, New Mexico

Figure 3-8

NATIONVIEW

West POL Yard
ACM Monitoring Well Locations

PROJECT NO.	SCALE	DATE	DRAWN BY:
8090012	1"=60'	10/2/09	cm
			DRAWING NO: figure5-1

West POL Yard Completion Report
Accelerated Corrective Measures
Holloman AFB, New Mexico

Figure 5-1

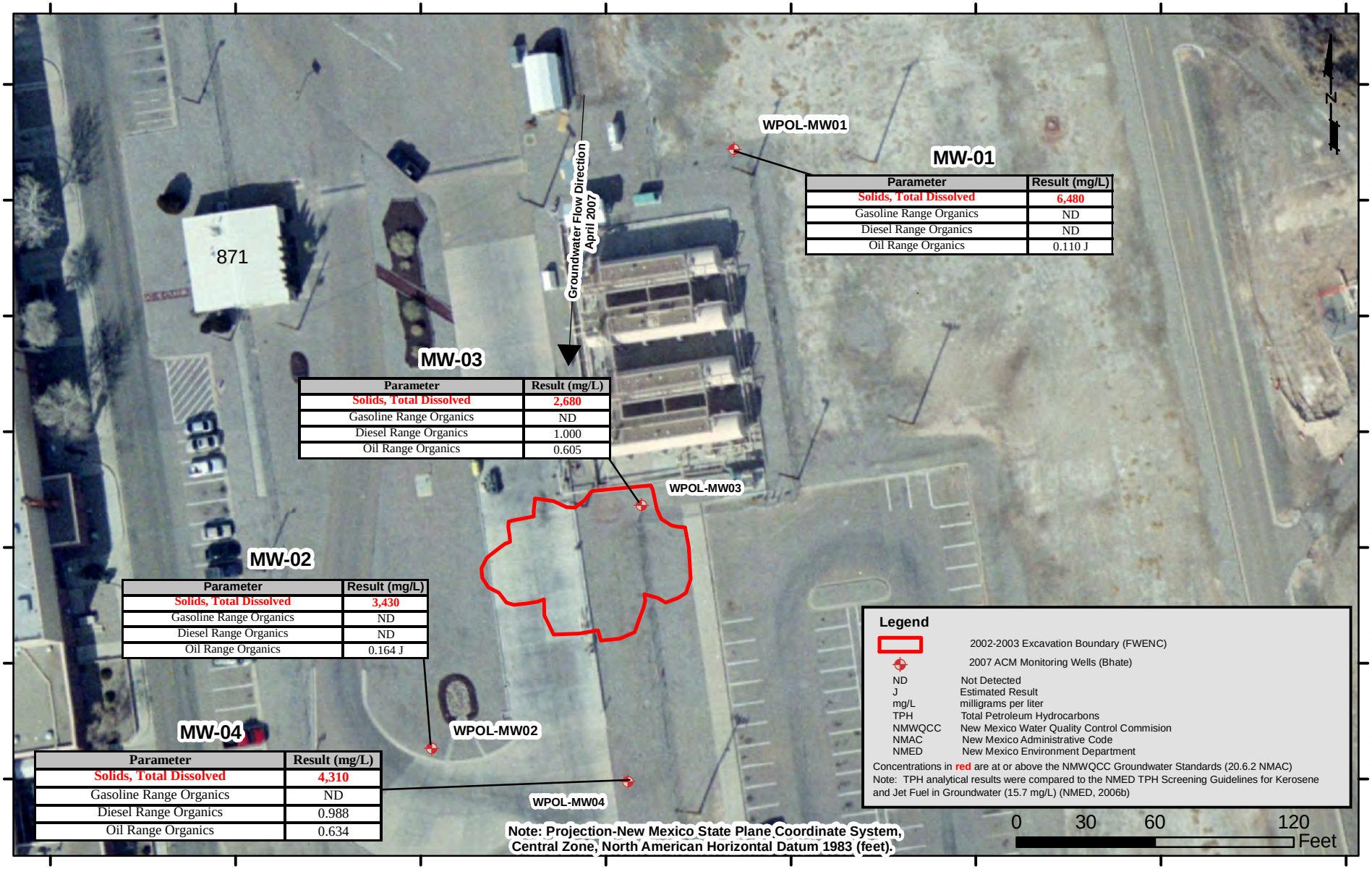
NATIONVIEW

West POL Yard
ACM Soil Boring Locations
(August-October 2009)

PROJECT NO.	SCALE	DATE	DRAWN BY:	CREATED BY:
8090012	1"=20'	11/4/09		cm
			DRAWING NO:	figure 5-2

West POL Yard
Accelerated Corrective Measures
Completion Report
Holloman AFB, New Mexico

Figure 5-2



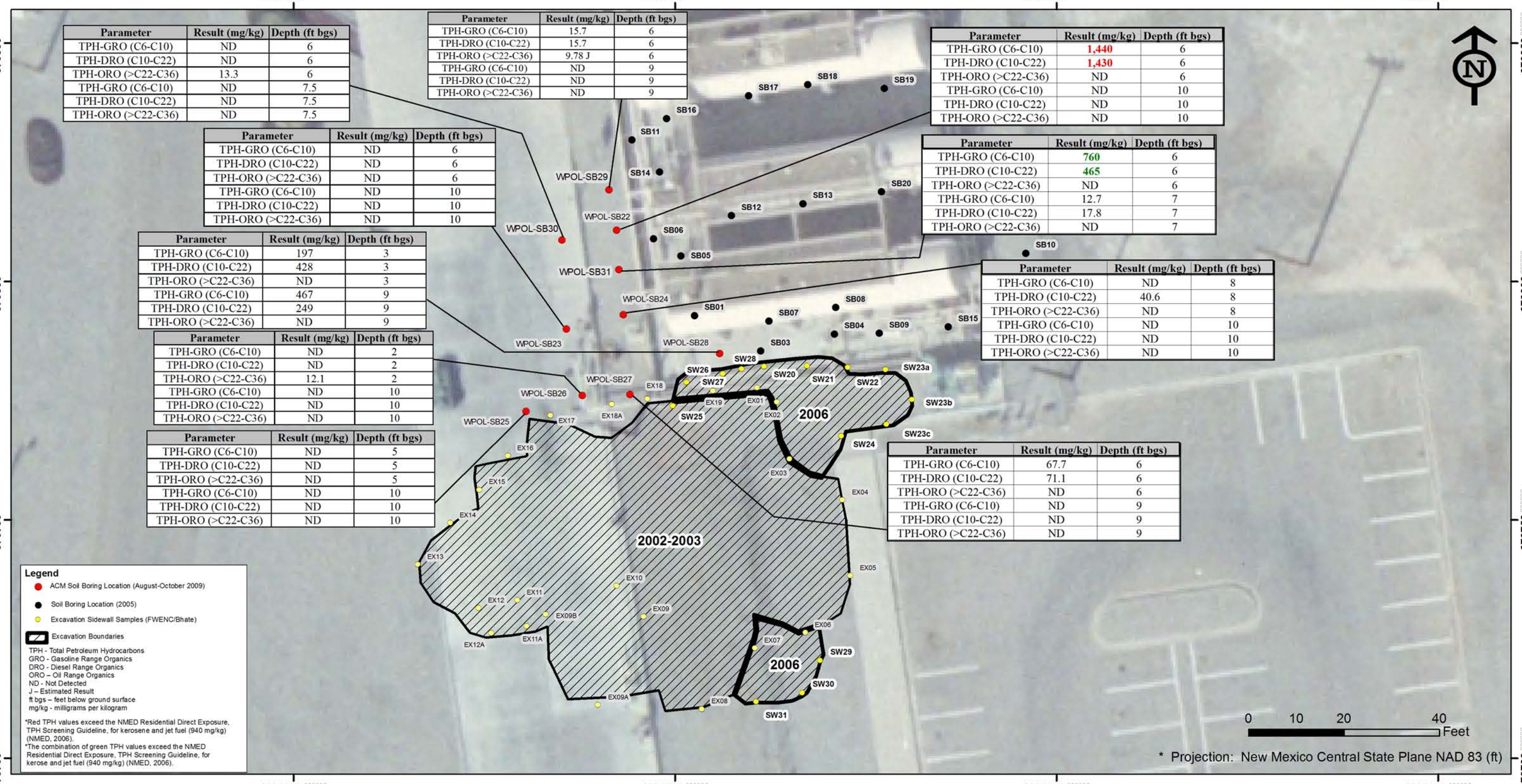
NATIONVIEW

Groundwater Analytical Results (April 2007)

PROJECT NO.	SCALE	DATE	DRAWN BY:
8090012	1"=60'	6/15/10	cm
			DRAWING NO: figure7-1

West POL Yard Completion Report
Accelerated Corrective Measures
Holloman AFB, New Mexico

Figure 7-1



Parameter	Result (mg/kg)	Depth (ft bgs)
TPH-GRO (C6-C10)	ND	6
TPH-DRO (C10-C22)	ND	6
TPH-ORO (>C22-C36)	13.3	6
TPH-GRO (C6-C10)	ND	7.5
TPH-DRO (C10-C22)	ND	7.5
TPH-ORO (>C22-C36)	ND	7.5

Parameter	Result (mg/kg)	Depth (ft bgs)
TPH-GRO (C6-C10)	15.7	6
TPH-DRO (C10-C22)	15.7	6
TPH-ORO (>C22-C36)	9.78 J	6
TPH-GRO (C6-C10)	ND	9
TPH-DRO (C10-C22)	ND	9
TPH-ORO (>C22-C36)	ND	9

Parameter	Result (mg/kg)	Depth (ft bgs)
TPH-GRO (C6-C10)	1,440	6
TPH-DRO (C10-C22)	1,430	6
TPH-ORO (>C22-C36)	ND	6
TPH-GRO (C6-C10)	ND	10
TPH-DRO (C10-C22)	ND	10
TPH-ORO (>C22-C36)	ND	10

Parameter	Result (mg/kg)	Depth (ft bgs)
TPH-GRO (C6-C10)	ND	6
TPH-DRO (C10-C22)	ND	6
TPH-ORO (>C22-C36)	ND	6
TPH-GRO (C6-C10)	ND	10
TPH-DRO (C10-C22)	ND	10
TPH-ORO (>C22-C36)	ND	10

Parameter	Result (mg/kg)	Depth (ft bgs)
TPH-GRO (C6-C10)	760	6
TPH-DRO (C10-C22)	465	6
TPH-ORO (>C22-C36)	ND	6
TPH-GRO (C6-C10)	12.7	7
TPH-DRO (C10-C22)	17.8	7
TPH-ORO (>C22-C36)	ND	7

Parameter	Result (mg/kg)	Depth (ft bgs)
TPH-GRO (C6-C10)	197	3
TPH-DRO (C10-C22)	428	3
TPH-ORO (>C22-C36)	ND	3
TPH-GRO (C6-C10)	467	9
TPH-DRO (C10-C22)	249	9
TPH-ORO (>C22-C36)	ND	9

Parameter	Result (mg/kg)	Depth (ft bgs)
TPH-GRO (C6-C10)	ND	8
TPH-DRO (C10-C22)	40.6	8
TPH-ORO (>C22-C36)	ND	8
TPH-GRO (C6-C10)	ND	10
TPH-DRO (C10-C22)	ND	10
TPH-ORO (>C22-C36)	ND	10

Parameter	Result (mg/kg)	Depth (ft bgs)
TPH-GRO (C6-C10)	ND	2
TPH-DRO (C10-C22)	ND	2
TPH-ORO (>C22-C36)	12.1	2
TPH-GRO (C6-C10)	ND	10
TPH-DRO (C10-C22)	ND	10
TPH-ORO (>C22-C36)	ND	10

Parameter	Result (mg/kg)	Depth (ft bgs)
TPH-GRO (C6-C10)	ND	5
TPH-DRO (C10-C22)	ND	5
TPH-ORO (>C22-C36)	ND	5
TPH-GRO (C6-C10)	ND	10
TPH-DRO (C10-C22)	ND	10
TPH-ORO (>C22-C36)	ND	10

Parameter	Result (mg/kg)	Depth (ft bgs)
TPH-GRO (C6-C10)	67.7	6
TPH-DRO (C10-C22)	71.1	6
TPH-ORO (>C22-C36)	ND	6
TPH-GRO (C6-C10)	ND	9
TPH-DRO (C10-C22)	ND	9
TPH-ORO (>C22-C36)	ND	9

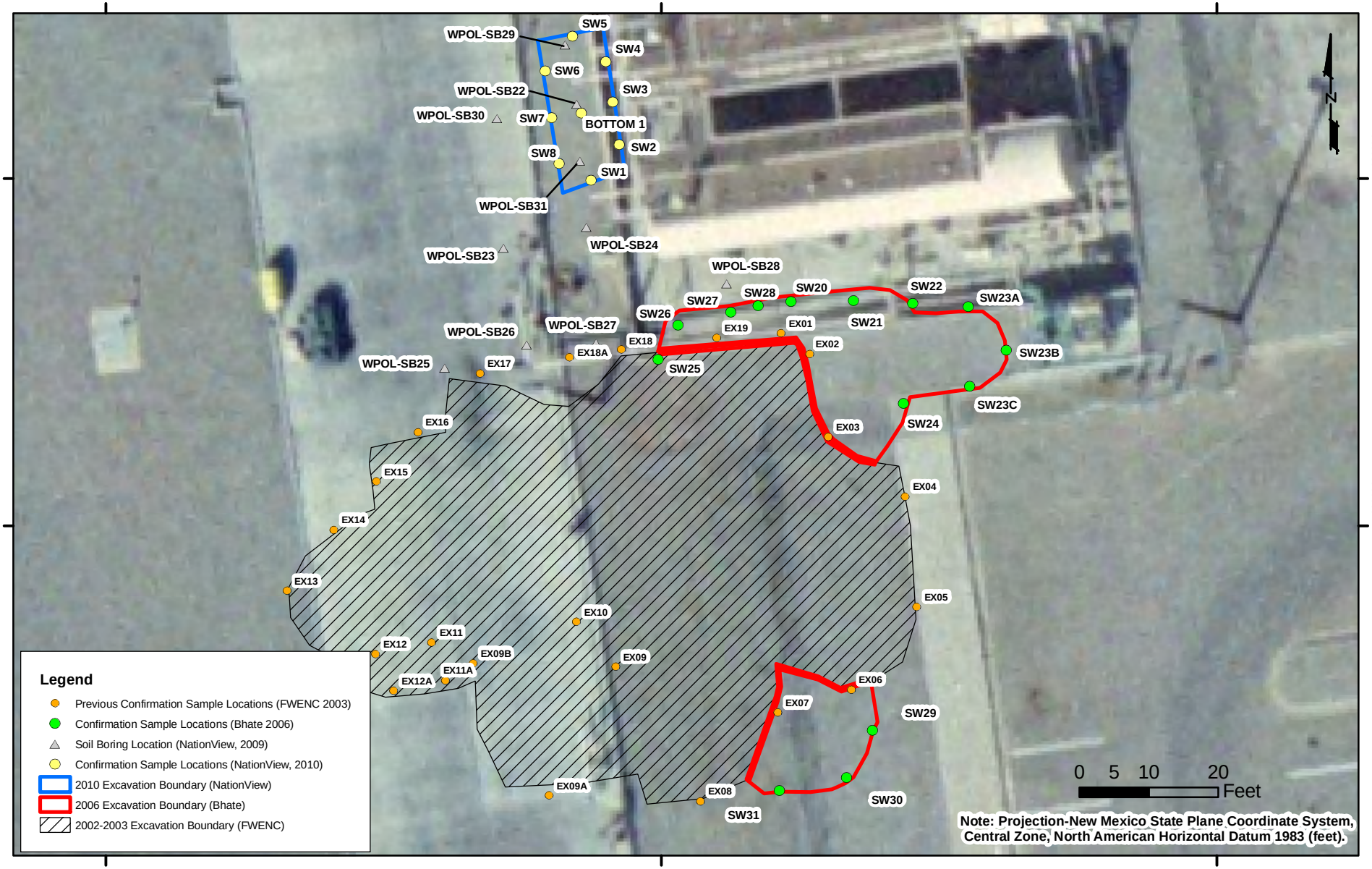
NATIONVIEW

West POL Yard
ACM Soil Boring Analytical Results
(August-October 2009)

PROJECT NO.	SCALE	DATE	DRAWN BY:	CREATED BY:
8090012	1"=20'	6/15/10	DRAWING NO: figure 7-2	cm

West POL Yard
Accelerated Corrective Measures
Completion Report
Holloman AFB, New Mexico

Figure 7-2



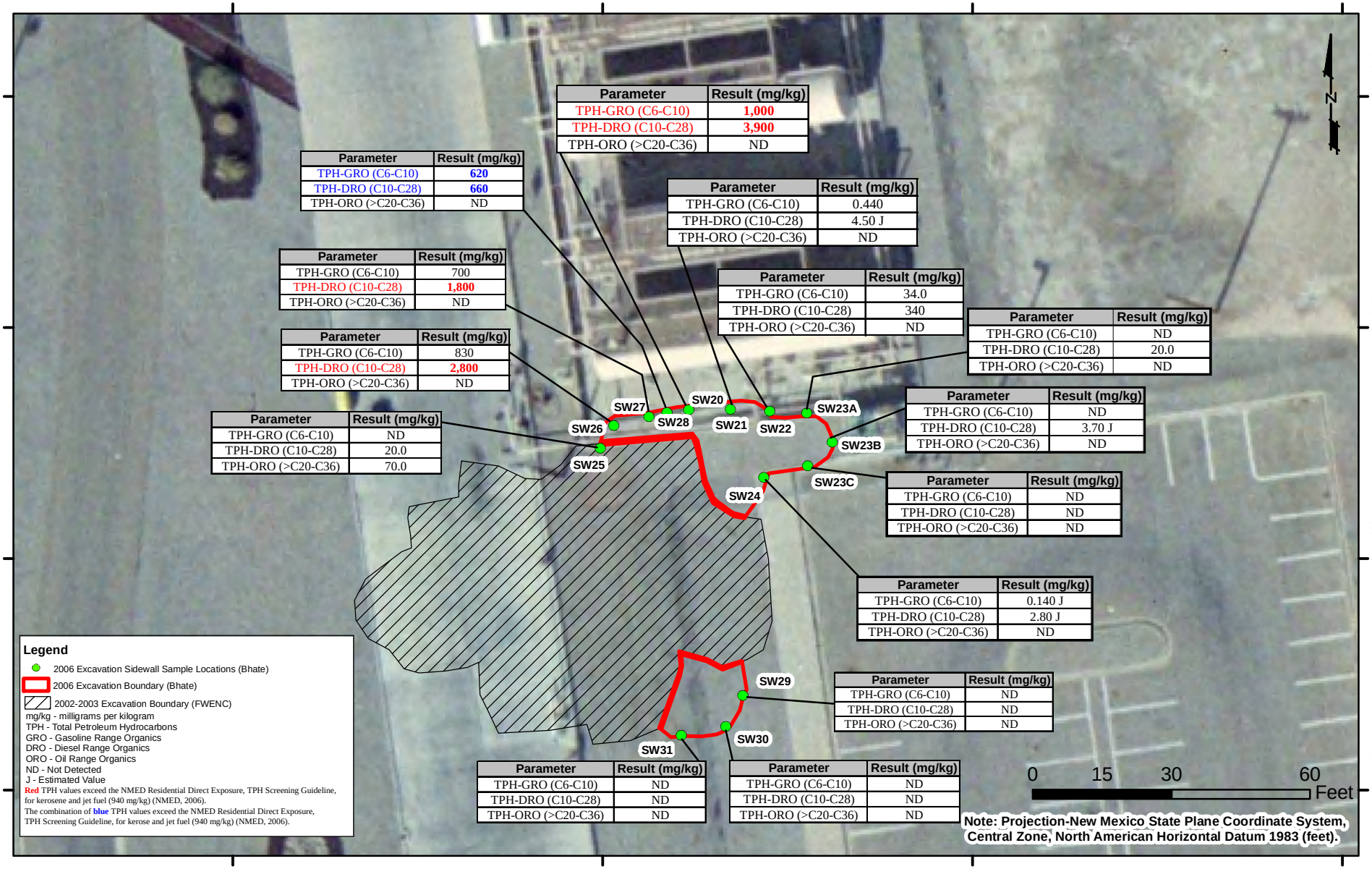
NATIONVIEW

Excavation Areas and Sample Locations (December 2002 through March 2010)

PROJECT NO.	SCALE	DATE	DRAWN BY:
8090012	1"=20'	6/17/10	cm
			DRAWING NO: figure8-1

West POL Yard
Accelerated Corrective Measures
Completion Report
Holloman AFB, New Mexico

Figure 8-1



Parameter	Result (mg/kg)
TPH-GRO (C6-C10)	1,000
TPH-DRO (C10-C28)	3,900
TPH-ORO (>C20-C36)	ND

Parameter	Result (mg/kg)
TPH-GRO (C6-C10)	620
TPH-DRO (C10-C28)	660
TPH-ORO (>C20-C36)	ND

Parameter	Result (mg/kg)
TPH-GRO (C6-C10)	0.440
TPH-DRO (C10-C28)	4.50 J
TPH-ORO (>C20-C36)	ND

Parameter	Result (mg/kg)
TPH-GRO (C6-C10)	700
TPH-DRO (C10-C28)	1,800
TPH-ORO (>C20-C36)	ND

Parameter	Result (mg/kg)
TPH-GRO (C6-C10)	34.0
TPH-DRO (C10-C28)	340
TPH-ORO (>C20-C36)	ND

Parameter	Result (mg/kg)
TPH-GRO (C6-C10)	ND
TPH-DRO (C10-C28)	20.0
TPH-ORO (>C20-C36)	ND

Parameter	Result (mg/kg)
TPH-GRO (C6-C10)	830
TPH-DRO (C10-C28)	2,800
TPH-ORO (>C20-C36)	ND

Parameter	Result (mg/kg)
TPH-GRO (C6-C10)	ND
TPH-DRO (C10-C28)	3.70 J
TPH-ORO (>C20-C36)	ND

Parameter	Result (mg/kg)
TPH-GRO (C6-C10)	ND
TPH-DRO (C10-C28)	20.0
TPH-ORO (>C20-C36)	70.0

Parameter	Result (mg/kg)
TPH-GRO (C6-C10)	ND
TPH-DRO (C10-C28)	ND
TPH-ORO (>C20-C36)	ND

Parameter	Result (mg/kg)
TPH-GRO (C6-C10)	0.140 J
TPH-DRO (C10-C28)	2.80 J
TPH-ORO (>C20-C36)	ND

Parameter	Result (mg/kg)
TPH-GRO (C6-C10)	ND
TPH-DRO (C10-C28)	ND
TPH-ORO (>C20-C36)	ND

Parameter	Result (mg/kg)
TPH-GRO (C6-C10)	ND
TPH-DRO (C10-C28)	ND
TPH-ORO (>C20-C36)	ND

Parameter	Result (mg/kg)
TPH-GRO (C6-C10)	ND
TPH-DRO (C10-C28)	ND
TPH-ORO (>C20-C36)	ND

NATIONVIEW

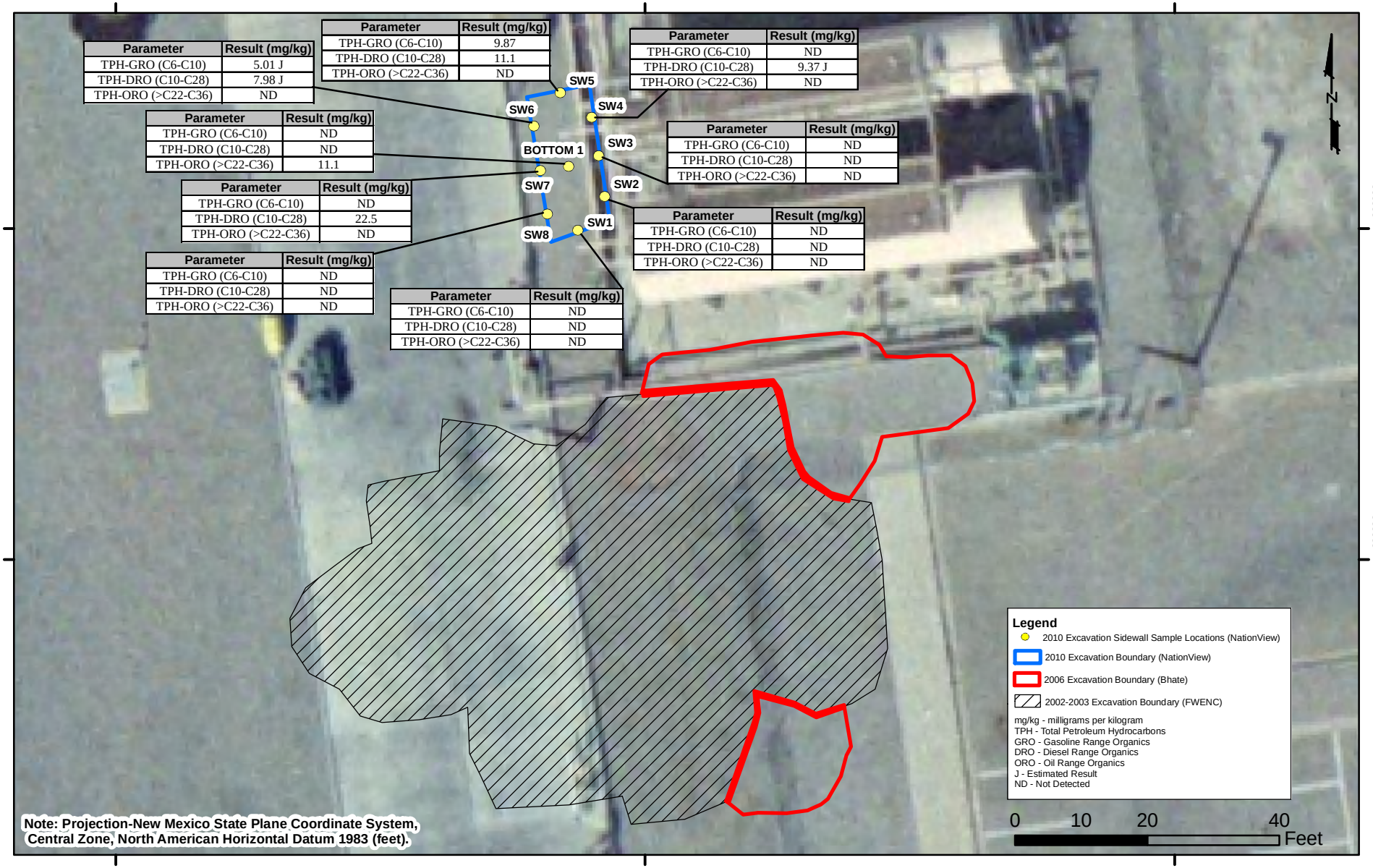
2006 Excavation Confirmation Soil Analytical Results (Bhate)

PROJECT NO.	SCALE	DATE	DRAWN BY:
8090012	1"=30'	6/16/10	cm

DRAWING NO: figure8-2

West POL Yard
Accelerated Corrective Measures
Completion Report
Holloman AFB, New Mexico

Figure 8-2



Parameter	Result (mg/kg)
TPH-GRO (C6-C10)	5.01 J
TPH-DRO (C10-C28)	7.98 J
TPH-ORO (>C22-C36)	ND

Parameter	Result (mg/kg)
TPH-GRO (C6-C10)	9.87
TPH-DRO (C10-C28)	11.1
TPH-ORO (>C22-C36)	ND

Parameter	Result (mg/kg)
TPH-GRO (C6-C10)	ND
TPH-DRO (C10-C28)	9.37 J
TPH-ORO (>C22-C36)	ND

Parameter	Result (mg/kg)
TPH-GRO (C6-C10)	ND
TPH-DRO (C10-C28)	ND
TPH-ORO (>C22-C36)	11.1

Parameter	Result (mg/kg)
TPH-GRO (C6-C10)	ND
TPH-DRO (C10-C28)	ND
TPH-ORO (>C22-C36)	ND

Parameter	Result (mg/kg)
TPH-GRO (C6-C10)	ND
TPH-DRO (C10-C28)	22.5
TPH-ORO (>C22-C36)	ND

Parameter	Result (mg/kg)
TPH-GRO (C6-C10)	ND
TPH-DRO (C10-C28)	ND
TPH-ORO (>C22-C36)	ND

Parameter	Result (mg/kg)
TPH-GRO (C6-C10)	ND
TPH-DRO (C10-C28)	ND
TPH-ORO (>C22-C36)	ND

Parameter	Result (mg/kg)
TPH-GRO (C6-C10)	ND
TPH-DRO (C10-C28)	ND
TPH-ORO (>C22-C36)	ND

Parameter	Result (mg/kg)
TPH-GRO (C6-C10)	ND
TPH-DRO (C10-C28)	ND
TPH-ORO (>C22-C36)	ND

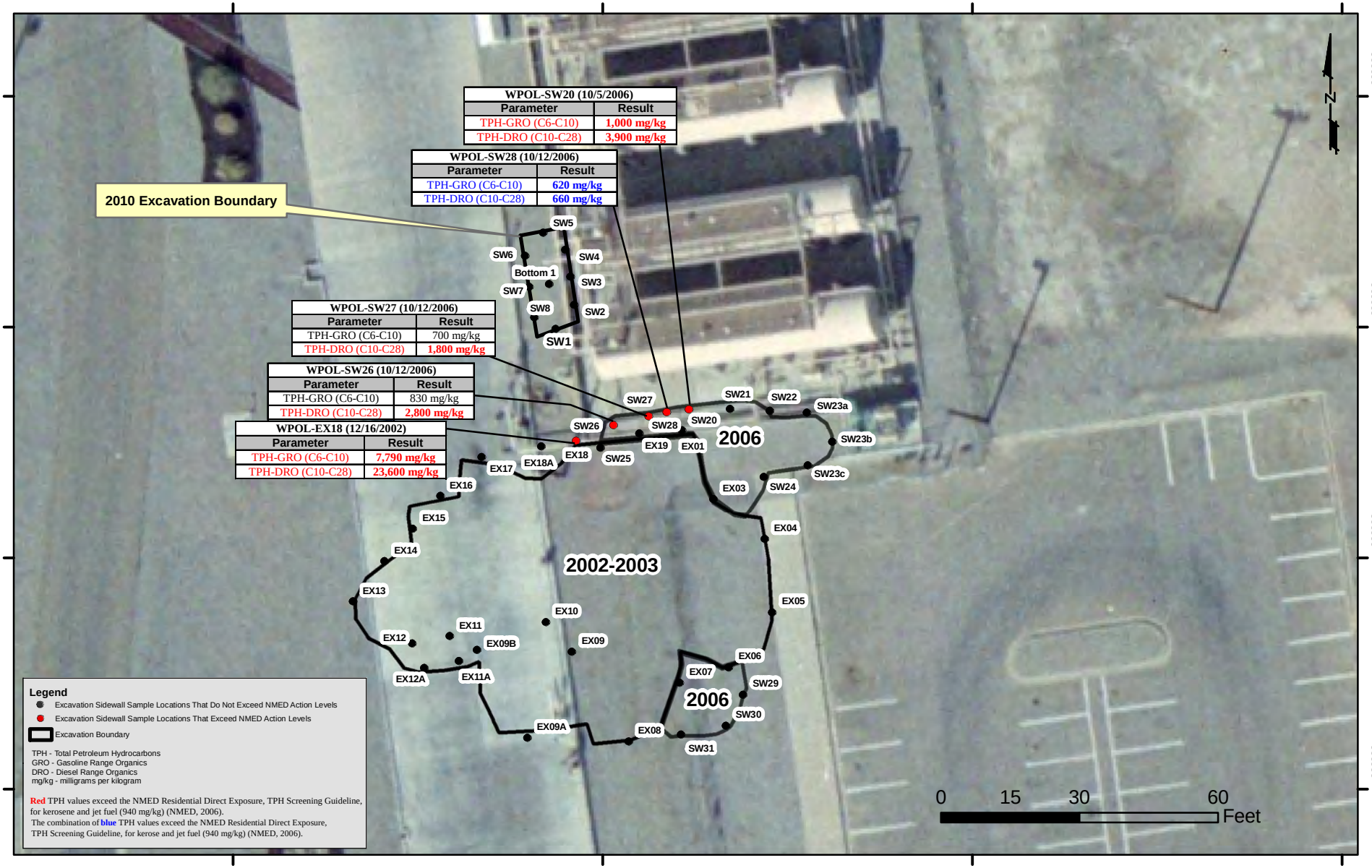
NATIONVIEW

2010
Excavation Confirmation Soil Analytical Results (NationView)

PROJECT NO.	SCALE	DATE	DRAWN BY:
8090012	1"=20'	6/16/10	cm
			DRAWING NO: figure8-3

West POL Yard
Accelerated Corrective Measures
Completion Report
Holloman AFB, New Mexico

Figure 8-3



NATIONVIEW

Remaining TPH
Analytical Results Above NMED Action Levels

PROJECT NO.	SCALE	DATE	DRAWN BY:
8090012	1"=30'	3/23/10	cm
			DRAWING NO: figure8-4

West POL Yard
Accelerated Corrective Measures
Completion Report
Holloman AFB, New Mexico

Figure 8-4

ATTACHMENT A

NMED CORRESPONDENCE

NEW MEXICO ENVIRONMENT DEPARTMENT

Hazardous Waste Bureau

BILL RICHARDSON
Governor

DIANE DENISH
Lieutenant Governor

2905 Rodeo Park Drive East, Building 1
Santa Fe, New Mexico 87505-6303
Phone (505) 476-6000 Fax (505) 476-6030
www.nmenv.state.nm.us

RON CURRY
Secretary

JON GOLDSTEIN
Deputy Secretary

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

March 13, 2009

Mr. David Scruggs, Chief
Environmental Restoration Program
49 CES/CEVR
550 Tabosa Ave.
Holloman AFB, NM 88330-8458

03-18-2009 A09:38

SUBJECT: NOTICE OF DISAPPROVAL: WEST POL YARD (AOC-4), ACCELERATED CORRECTIVE MEASURES COMPLETION REPORT, JULY 2008
HOLLOMAN AIR FORCE BASE, NEW MEXICO
EPA ID#: NM6572124422
HWB-HAFB-08-008

Dear Mr. Scruggs:

The New Mexico Environment Department (NMED) has reviewed the subject Accelerated Corrective Measures (ACM) Completion Report (Report), which was submitted for the performance of the ACM at the West Petroleum, Oil, and Lubricants (POL) Yard (Area of Concern [AOC]-4), Holloman Air Force Base (the Permittee). ACM included additional site investigation and soil excavation activities. NMED has determined that the Report)cannot be approved at this time, as additional work and revisions are necessary. The Permittee is required to address the following deficiencies before the NMED can make a final determination regarding approval.

GENERAL COMMENTS

1. Sample result tables provided in the Report must explain all abbreviations, quality flags, special formatting, and sample suffixes in the footnotes (e.g., **bold** type used to communicate

specific information, J = ?, B = ?, A = ?). The test methods must be listed and legible and spelling errors must be corrected. Sample dates listed in the tables must coincide with the investigation summaries in the text (e.g., were samples listed as collected in 2002 actually collected in 2003?). The Permittee must revise all tables to satisfy these requirements.

SPECIFIC COMMENTS

2. **Section 1.1, page 1-2, 1st paragraph, last two sentences and Section 8.1.3**

The last two sentences of Section 1.1 state "[t]he conclusion of the document requests that NMED issue a NFA [no further action] for the West POL Yard Fuel Spill Site (AOC-4) based upon Criterion #5 (Appendix 4-B HAFB Hazardous Waste Facility Permit No. NM6572124422), (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 removing additional PCS [petroleum-contaminated soil] present at the site which had exceeded the NMED [Residential?] soil screening levels (SSLs), and performing a sitespecific risk assessment."

According to Section 8.1.3, the risk assessment employed commercial/industrial worker and construction worker screening levels for evaluation criteria, rather than residential screening levels. To apply for an NFA determination, the Permittee must alter the site-specific risk assessment to employ SSLs for residential exposure. These SSLs include the NMED SSLs as listed in the *New Mexico Environment Department Technical Background Document for Development of Soil Screening Levels* (Revision 4.0, June 2006) and the *New Mexico Environment Department TPH Screening Guidelines* (October 2006).

Due to elevated total petroleum hydrocarbon (TPH)–gasoline range organics (GRO) and TPH–diesel range organics (DRO) concentrations measured in soil samples collected from five locations adjacent to the active aboveground storage tank (AST) farm and surrounding containment structure, the initial data comparisons will likely indicate that TPH concentrations exceed the NMED Residential SSLs for TPH. The Permittee must provide explanation of any exceedences, such as the active nature of the facility, both current and future land use expectations, etc..

The Permittee must conduct a site-specific risk assessment, consisting of two discrete areas. The first area must consist solely of the area located directly adjacent to the southern edge of the AST farm and containment structure, sample locations with high TPH concentrations. The second area must consist of the remaining excavated area; these samples will likely have undetected TPH concentrations. Assessing the two separate areas will allow a clear indication of the area that meets the ACM objectives and the area that may require additional effort in the future (e.g., monitoring and/or soil excavation).

3. **Section 1.2, page 1-2, 1st sentence**

The sentence states, "[i]nvestigation activities were conducted in accordance with the *Groundwater Monitoring Work Plan, West POL Yard, Holloman Air Force Base, New Mexico* (Bhate, 2006)." The NMED does not have a record of receiving the *Groundwater Monitoring Work Plan, West POL Yard, Holloman Air Force Base, New Mexico* (Bhate, 2006). In the future, The Permittee must submit work plans for review and approval to the NMED for any future work.

4. **Executive Summary, page vii, 1st paragraph, 1st sentence; Section 2.2, page 2-1, 1st paragraph, last sentence; and Section 2.3.2, 2nd and 3rd sentences**

The Report establishes that the active aboveground storage tanks (ASTs) at the West POL Yard contain jet fuel (JP-8) and that at some point in the past spills of jet fuel (both JP-8 and JP-4) occurred. The following passages provide this basis:

- **Executive Summary, page vii, 1st paragraph, 1st sentence**: "The West Petroleum, Oil, and Lubricants (POL) Yard (Area of Concern [AOC] – 4) is comprised of four 50,000-gallon aboveground storage tanks (ASTs), [*sic*] that were used to store and distribute JP-8 jet fuel."
- **Section 2.2, page 2-1, 1st paragraph, last sentence**: "The facility was used to store and distribute JP-8 jet fuel to tanker trucks (FWENC, 2003b)."
- **Section 2.3.2, page 2-2, 2nd and 3rd sentences**: "During sampling in October [1999], older residual contamination was discovered as dark gray stained soil. Analysis of the stained soil indicated that the petroleum was JP-4 and that the contamination was older than previously reported."

However, although the spill consists of jet fuel, the Report provides inconsistent data evaluations regarding measured TPH concentrations. In several sections, the report does not specify whether the applied NMED TPH SSL reflects the residential value or the SSL of another category (e.g., construction worker). The Permittee must use the NMED Residential TPH SSL for direct exposure concentration for kerosene and jet fuel, which is 940 milligrams per kilogram (mg/kg) due to the type of petroleum product spilled. Moreover, The Permittee must specify NMED Residential TPH SSL in the document text, tables, and figures, where the phrase occurs; this includes, but is not limited to the excerpts in Comment 5.

5. **Section 2.3.3, page 2-2, 2nd paragraph, 2nd sentence; Section 2.3.3.2, page 2-3, 2nd paragraph, 1st sentence; Section 8.1.1, page 8-3, 1st paragraph, 5th sentence; Section 8.1.3.1, page 8-5, 2nd major bullet; Section 8.1.3.1, page 8-5, 3rd major bullet; Section 8.1.3.4, page 8-7, 1st bullet, 3rd sentence; and Figure 8-2, legend, footnotes**

The Report employs a variety of measured TPH concentration scenarios to an NMED TPH SSL. These scenarios consist of: 1) using solely TPH-DRO concentrations; 2) using the combined or summed concentrations of TPH-GRO and TPH-DRO; 3) using the combined

concentrations of TPH-DRO and TPH-oil range organics (ORO); and 4) using the average TPH value derived from all petroleum products within a specific exposure type (e.g., Industrial). The following excerpts detail the varying scenarios:

- **Section 2.3.3, page 2-2, 2nd paragraph, 2nd sentence**: "It was determined through laboratory analysis that approximately 1,200 cubic yards (1,430 tons) of soil contained TPH at concentrations greater than the 940 mg/kg action level and would need to be disposed as New Mexico Special Waste by Rhino Environmental."
- **Section 2.3.3.2, page 2-3, 2nd paragraph, 1st sentence**: "TPH-DRO were detected above the current NMED SSLs (NMED, 2006b) for kerosene and jet fuel (940 mg/kg) in WPOL-EX01, -EX02, -EX03, -EX18, AND –EX19."
- **Section 8.1.1, page 8-3, 1st paragraph, 5th sentence**: "The combined TPH-GRO and DRO concentration (TPH-ORO was not detected) for the samples collected at WPOL-SW20 (4,900 mg/kg), WPOL-SW26 (3,630 mg/kg), WPOL-SW27 (2,500 mg/kg), and WPOL-SW28 (1,280 mg/kg) were each above the NMED TPH screening guideline for kerosene and jet fuel (940 mg/kg) (NMED, 2006b)."
- **Section 8.1.3.1, page 8-5, 2nd major bullet**: "TPH results reported in TPH-GRO (C6-C10) were not considered in the RA [risk assessment] since individual compounds are evaluated. This is consistent with methodology as per the *New Mexico Environment Department TPH Screening Guidelines* (NMED, 2006b)."
- **Section 8.1.3.1, page 8-5, 3rd major bullet**: "TPH results reported in TPH-DRO (C10-C22) and TPH-ORO (>C22-C36) were added as follows and are shown as TPH (C10-C36):"
- **Section 8.1.3.4, page 8-7, 1st bullet, 3rd sentence**: "Note that the SSL for TPH is an averaged TPH value of all the petroleum products for industrial direct exposure in the *New Mexico Environment Department TPH Screening Guidelines* (NMED, 2006b)." This results in an average concentration of 2,850 mg/kg.
- **Figure 8-2, legend, footnotes**: Figure 8-2 provides a comparison of TPH analytical results to the NMED TPH Residential soil screening guideline for kerosene and jet fuel (940 mg/kg) by using the sum of TPH-GRO and TPH-DRO.

The Permittee must consistently provide a straight-forward comparison of each resultant TPH analytical dataset (e.g., TPH-DRO or TPH-ORO) to the NMED TPH Residential SSL for kerosene and jet fuel (940 mg/kg). The Permittee must clearly show these comparisons in Tables 8-1 and 8-2(a). The Permittee must emphasize (e.g., show in **bold** font) any measured TPH concentration that exceeds the NMED TPH Residential SSL. This comparison includes the risk assessment methodology of the *New Mexico Environment Department TPH Screening Guidelines* (NMED, 2006), which allows the exclusion of TPH-GRO (C6-C10) analytical data because an evaluation of the individual compounds already occurs within the risk assessment.

6. **Table 7-1, Table 8-1, and Table 8-2(a)**

To more clearly communicate the analytical results and the progress toward achieving the ACM objectives, The Permittee must revise Table 7-1, Table 8-1, and Table 8-2(a) to include all groundwater evaluation criteria and all soil evaluation criteria. Specifically, the evaluation criteria for groundwater must include the appropriate Residential values as specified by the New Mexico Water Quality Control Commission (NMWQCC), the USEPA Region 6 MCLs, and the *New Mexico Environment Department TPH Screening Guidelines* (October 2006). The evaluation criteria for soils must include the residential values listed in the *New Mexico Environment Department Technical Background Document for Development of Soil Screening Levels* (Revision 4.0, June 2006) the *New Mexico Environment Department TPH Screening Guidelines* (October 2006), and the USEPA Region 6 Screening Action Levels (SALs). These requirements must extend to the analytical results from future samples.

7. **Figures**

None of the figures shows all soil excavation confirmatory sample locations, from 2003 and 2006. Moreover, no figure shows all of the soil sampling results (e.g., TPH results). The Permittee must create new figures or modify existing figures to show all soil excavation soil sample locations (from 2003, 2006, and future) and the soil sampling results on a single figure to clearly demonstrate that the excavation objectives have been met.

8. **Section 1.3, page 1-3, 1st paragraph, 1st bullet**

The text of the bullet point states, "[o]ne up-gradient monitoring well (WPOL-MW01), two down-gradient monitoring wells (WPOL-MW02 and WPOL-MW04), and one monitoring well within the known contaminated area (WPOL-MW03) were installed to define groundwater conditions at the site." The Permittee must specify whether these monitoring wells remain in-place at the site.

9. **Figure 2-3, Table 8-2(a), and Figure 8-1**

Piecing together the data and sample location information contained in Figure 2-3, Table 8-2(a), and Figure 8-1 makes it possible to determine which confirmatory sample locations have resultant TPH concentrations that exceed the NMED TPH Residential SSL. According to the combined information, confirmatory soil sample TPH-DRO concentrations exceed the NMED TPH Residential SSL for kerosene and jet fuel (940 mg/kg) at four sampling locations along the northern exterior edge of the 2003 and 2006 excavation areas. These sample locations include EX18 (23,600 mg/kg), SW26 (2,800 mg/kg), SW27 (1,800 mg/kg), and SW20 (3,900 mg/kg). TPH-GRO confirmatory soil sample concentrations exceed the NMED TPH Residential SSL for kerosene and jet fuel (940 mg/kg) at two sampling locations along the northern exterior edge of the 2003 and 2006 excavation areas. These sample locations include EX18 (7,790 mg/kg) and SW21 (1,000 mg/kg). TPH-ORO was not detected and measured concentrations range from 24 mg/kg to 260 mg/kg. The 2006 locations SW20, SW21, SW26, and SW27 extend along the southern edge of the secondary

containment structure, which is an actively used facility. During a 2006 site visit, the NMED and the Permittee verbally agreed it was unnecessary to extend the excavation beneath the active facility. The 2003 confirmatory sample location EX18 sits on the southwestern corner of the secondary containment structure and no other proximal structures appear adjacent to sample location EX18.

Due to the high measured TPH concentrations (DRO is 23,600 mg/kg and GRO is 7,790 mg/kg), and the paucity of analytical data to the northwest of the excavation areas, The Permittee must collect additional soil samples and obtain analytical data results for the area to the northwest of the excavation area and west of the active AST farm. These data shall be used to provide information regarding the nature and extent of contamination west of the AST farm.

Please submit the required information in the form of a revised Corrective Measures Completion Report that incorporates all the responses to the above NOD in two hard copies indicating added information in highlights, and deleted information in strikeouts, and on two CDs compatible with Microsoft Word. Further, in order to expedite review of the responses, provide a matrix of the comments and Permittee responses.

If you have any questions or if you would like to discuss the comments prior to your response, please contact Dezbah Tso of my staff at (505) 222-9528, or at the above letterhead address.

Sincerely,

James P. Bearzi
Chief
Hazardous Waste Bureau

JPB:dat

cc: J. Kieling, NMED HWB
W. Moats, NMED HWB
C. Amindyas, NMED HWB
D. Strasser, NMED HWB
D. Tso, NMED HWB
L. King, EPA, Region 6 (6PD-F)
File: HAFB 2009 and Reading
HWB-HAFB-08-008

Scruggs, David C Civ USAF ACC 49 CES/CEAN

From: Tso, Dezbah, NMENV [Dezbah.Tso@state.nm.us]
Sent: Tuesday, March 17, 2009 10:33 AM
To: Scruggs, David C Civ USAF ACC 49 CES/CEAN
Cc: Strasser, David, NMENV; Amindyas, Cornelius, NMENV
Subject: Notice of Disapproval Letter: AOC-4 West POL Yard

Dear Mr. Scruggs,

On 13 March 2009, the New Mexico Environment Department issued the Notice of Disapproval Letter for the West Petroleum, Oil, and Lubricants (POL) Yard (AOC-4), Accelerated Corrective Measures Completion Report (HAFB-08-008). The letter does not indicate a due date for response and I apologize for the oversight. Please submit a response within 60 days of receipt of the letter.

Thank you,

Dezbah

Dezbah Tso

New Mexico Environment Department

Hazardous Waste Bureau

5500 San Antonio Dr. NE

Albuquerque, NM 87109

505-222-9528 phone

505-222-9510 fax

www.nmenv.state.nm.us

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Author	Dezbah Tso NMED - Hazardous Waste Bureau, Albuquerque, NM		Date of Comments: March 13, 2009	Date of Response: March 27, 2009 (Revised June 2010)
1	All Tables		Sample result tables provided in the Report must explain all abbreviations, quality flags, special formatting, and sample suffixes in the footnotes (e.g., **bold** type used to communicate specific information, J = ?, B = ?, A = ?). The test methods must be listed and legible and spelling errors must be corrected. Sample dates listed in the tables must coincide with the investigation summaries in the text (e.g., were samples listed as collected in 2002 actually collected in 2003?). The Permittee must revise all tables to satisfy these requirements.	Concur. Analytical Data Tables including Table 7-1 (Geotechnical Parameters), Table 7-2 (Groundwater Analytical Results), Table 8-1 (Excavation Confirmation and Stockpile Soil Analytical Results), and Appendix A-2, Table A-2 (Soil Boring Analytical Data) will be revised as follows: • B flags, J flags, NV (No Value), NMED SSLs, EPA Region 6 SSLs (HHMSSLs), NMED TPH Screening Guidelines, and USEPA MCLs will be defined as appropriate in the footnotes. • Method numbers for each analysis will be included • Sample nomenclature, including the site identifier, sample type identifiers, sample depths, and quality control flags (e.g., FD [Field Duplicate]), will be clearly defined in the footnotes. • Gasoline Range Organics (GRO), Diesel Range Organics (DRO), and Oil Range Organics (ORO) will be spelled out in the list of analytes. All VOCs and SVOCs are presented in the Analytical Data Tables exactly as they are listed in the laboratory reports. • **Bold** sample results highlighted yellow will be clearly defined as values that exceed the NMED Residential SSLs (Rev 5.0, December 2009) or NMED TPH Screening Guidelines, Residential Direct Exposure, Table 2b (October 2006). • TPH soil sample results highlighted in green will indicate TPH concentrations (e.g., TPH-GRO, TPH-DRO, and/or TPH-ORO) that individually do not exceed the NMED TPH screening guideline for kerosene and jet fuel 940

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				mg/kg) but combined are above the TPH screening guideline (e.g. Table 8-1 the soil sample WPOL-SW28 has GRO (620 mg/kg) and DRO (660 mg/kg) concentrations that are individually below the TPH screening guideline but above the guideline when combined (1,280 mg/kg)). • The NMED TPH Screening Guidelines, Residential Direct Exposure as well as the 2009 USEPA Regional Screening Levels (RSLs), will be added to each table where applicable, per Comment 6 (See RTC to Comment No. 6 below). Appendix A-1, Table C-3 (West POL Yard Stockpile Samples) and Table C-4 (West POL Yard Confirmation Samples) were prepared by a previous HAFB subcontractor (Foster Wheeler Environmental Corporation). Therefore, revisions will not be made to Tables C-3 or C-4 as these tables were not created by Bhate and are in a pdf file that cannot be revised. Furthermore, Tables C-3 and C-4 do not list sample dates. As a result, the Report text will be revised to clarify excavation sampling dates which began in 2002 and ended in January 2003 that were conducted by Foster Wheeler.
2	1.1, 1st paragraph; last 2 sentences & 8.1.3	1-2	The last two sentences of Section 1.1 state "[t]he conclusion of the document requests that NMED issue a NFA [no further action] for the West POL Yard Fuel Spill Site (AOC-4) based upon Criterion #5 (Appendix 4-B HAFB Hazardous Waste Facility Permit No. NM6572124422), (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	Concur. In order to apply for No Further Action (NFA) Holloman AFB will revise the site-specific risk assessment to take into account SSLs for Residential exposure, including the current NMED Residential SSLs (Rev. 5.0, December 2009) and the NMED TPH Screening Guidelines, Residential Direct Exposure, Table 2b, for Kerosene and Jet Fuel (940 mg/kg) (October 2006).

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			level of risk under current and projected future land use.' This criterion was accomplished by removing additional PCS [petroleum contaminated soil] present at the site which exceeded the NMED [Residential?] soil screening levels (SSLs), and performing a site specific risk based assessment." According to Section 8.1.3, the risk assessment employed commercial/industrial worker and construction worker screening levels for evaluation criteria, rather than residential screening levels. To apply for NFA determination, the Permittee must alter the site-specific risk assessment to employ SSLs for residential exposure. These SSLs include the NMED SSLs as listed in the *New Mexico Environment Department Technical Background Document for Development of Soil Screening Levels* (Revision 4.0, June 2006) and the *New Mexico Environment Department TPH Screening Guidelines* (October 2006). Due to elevated petroleum hydrocarbon (TPH)-gasoline range organics (GRO) and TPH-diesel range organics (DRO) concentrations measured in soil samples collected from five locations adjacent to the active aboveground storage tank (AST) farm and surrounding containment structure, the initial data comparisons will likely indicate that TPH concentrations exceed the NMED Residential SSLs for TPH. The Permittee must provide explanation of any exceedences, such as the active nature of the facility, both current and future land use expectations, etc.. The Permittee must conduct a site-specific risk assessment,	The risk assessment will follow guidelines established in Appendix 4-F, Section VII (Risk-Based Variance from Cleanup Standards or Levels) of the HAFB Hazardous Waste Facility Permit # NM6572124422. To assist in the site-specific risk assessment, the Report text will be revised to clearly define the five soil samples that are above the Residential criteria, why the soil at these locations cannot be removed, and what the current and future land use is expected to be. However, the risk assessment will not take into account two discreet areas. To be conservative, the risk assessment will consist solely of the area adjacent to the southern edge of the AST fuel farm containment structure. This is the area that includes the soil that cannot be removed but is above the NMED Residential SSLs. Considering the excavated area with undetected sample results adds no value to the determination of the risk assessment.

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			consisting of two discrete areas. The first area must consist solely of the area located directly adjacent to the southern edge of the AST farm and containment structure, sample locations with high TPH concentrations. The second area must consist of the remaining excavated area; these samples will likely have undetected TPH concentrations. Assessing the two separate areas will allow a clear indication of the area that meets the ACM objectives and the area that may require additional effort in the future (e.g., monitoring and/or soil excavation).	
3	1.2, 1st sentence	1-2	The sentence states, "[i]nvestigation activities were conducted in accordance with the *Groundwater Monitoring Work Plan, West POL Yard, Holloman Air Force Base, New Mexico* (Bhate, 2006)." The NMED does not have a record of receiving the *Groundwater Monitoring Work Plan, West POL Yard, Holloman Air Force Base, New Mexico* (Bhate, 2006). In the future, The Permittee must submit work plans for review and approval to the NMED for any future work.	Concur. Future Work Plans for work associated with Holloman Air Force Base, New Mexico will be submitted to NMED for formal review and approval.
4	Executive Summary, 1st Sentence; Section 2.2, 1st paragraph last sentence; and Section 2.3.2, 2nd and 3rd	Vii, 2-1	The Report establishes that the active aboveground storage tanks (ASTs) at the West POL Yard contain jet fuel (JP-8) and that at some point in the past spills of jet fuel (both JP-8 and JP-4) occurred. The following passages provide this basis: • **Executive Summary, page vii, 1st paragraph, 1st sentence:** "The West Petroleum, Oil, and Lubricants (POL) Yard (Area of Concern [AOC]-4) is comprised of four 50,000-gallon aboveground storage tanks (ASTs), [*sic*] that were used to store and distribute JP-8 jet fuel." • **Section 2.2, page 2-1, 1st paragraph, last sentence:** "The facility was used to store and distribute JP-8 jet fuel to tanker trucks (FWENC, 2003b)."	Concur. The West POL ACM Completion Report has been revised to compare Total Petroleum Hydrocarbon (TPH) soil analytical results to the NMED TPH Screening Guidelines, Table 2b, Residential Direct Exposure, for Kerosene and Jet Fuel (940 mg/kg) (October, 2006). TPH groundwater results will be compared to the NMED TPH Screening Guidelines, Table 2b, Concentration in Groundwater, for Kerosene and Jet Fuel (15.7 mg/L) (October, 2006). These revisions will be incorporated into the WPOL ACM Completion Report text, Table 7-2, new Table 7-3, Table 8-1, new Table 8-2, Appendix A-2 Table A-2, Figure 7-1, new Figure 7-2, Figure 8-2, and new Figure 8-3 (as well as Figure

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	sentences		• **<u>Section 2.3.2, page 2-2, 2nd and 3rd sentences:</u>** "During sampling in October [1999], older residual contamination was discovered as dark grey stained soil. Analysis of the stained soil indicated that the petroleum was JP-4 and that the contamination was older than previously reported." However, although the spill consists of jet fuel, the Report provides inconsistent data evaluations regarding measured TPH concentrations. In several sections, the report does not specify whether the applied NMED TPH SSL reflects the residential value or the SSL of another category (e.g., construction worker). The Permitte must use the NMED Residential TPH SSL for direct exposure concentration for kerosene and jet fuel, which is 940 milligrams per kilogram (mg/kg) due to the type of petroleum product spilled. Moreover, The Permittee must specify NMED <u>Residential</u> TPH SSL in the document text, tables, and figures, where the phrase occurs; this includes, but is not limited to the excerpts in Comment 5.	8-4) showing all Confirmation Soil Locations and TPH results, for the excavations conducted in 2002 - 2010.
5	2.3.3, 2nd paragraph, 2nd sentence; 2.3.3.2, 2nd paragraph, 1st sentence; 8.1.1, 1st paragraph, 5th sentence;	2-2, 2-3, 8-3, 8-5, and 8-7	The Report employs a variety of measured TPH concentration scenarios to an NMED TPH SSL. These scenarios consist of: 1) using solely TPH-DRO concentrations; 2) using the combined or summed concentrations of TPH-GRO and TPH-DRO; 3) using the combined concentrations of TPH-DRO and TPH-oil range organics (ORO); and 4) using the average TPH value derived from all petroleum products within a specific exposure type (e.g., Industrial). The following excerpts detail the varying scenarios: • **<u>Section 2.3.3, page 2-2, 2nd paragraph, 2nd sentence:</u>** "It was determined through laboratory analysis that	As per Table 2b TPH Screening Guidelines (NMED, Oct 2006) various petroleum products have a corresponding **total** TPH screening guideline for residential direct exposure (e.g. kerosene and jet fuel = 940 mg/kg). As the NMED TPH screening guideline is a total TPH value, the WPOL ACM Completion Report compares the individual TPH carbon chains (e.g., TPH-GRO, TPH-DRO, or TPH-ORO) **and** the combined TPH concentration (TPH-GRO plus TPH-DRO plus TPH-ORO) to the NMED TPH screening guideline. For example in Table 8-1, sidewall sample WPOL-SW28 had a TPH-GRO concentration of 620 mg/kg, a TPH-DRO concentration of 660 mg/kg, and a non-detected TPH-ORO

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	8.1.3.1, 2nd major bullet; 8.1.3.1, 3rd bullet; 8.1.3.4, 1st bullet, 3rd sentence; and Figure 8-2, legend and footnotes		approximately 1,200 cubic yards (1,430 tons) of soil contained TPH at concentrations greater than the 940 mg/kg action level and would need to be disposed as New Mexico Special Waste by Rhino Environmental." • **Section 2.3.3.2, page 2-3, 2nd paragraph, 1st sentence:** "TPH-DRO were detected above the current NMED SSLs (NMED, 2006b) for kerosene and jet fuel (940 mg/kg) in WPOL-EX01, -EX02, -EX03, -EX18, AND –EX19." • **Section 8.1.1, page 8-3, 1st paragraph, 5th sentence:** "The combined TPH-GRO and DRO concentration (TPH-ORO was not detected) for samples collected at WPOL-SW20 (4,900 mg/kg), WPOL-SW26 (3,630 mg/kg), WPOL-SW27 (2,500 mg/kg), and WPOL-SW28 (1,280 mg/kg) were each above the NMED TPH screening guideline for kerosene and jet fuel (940 mg/kg) (NMED, 2006b)." • **Section 8.1.3.1, page 8-5, 2nd major bullet:** "TPH results reported in TPH-GRO (C6-C10) were not considered in the RA [risk assessment] since individual compounds are evaluated. This is consistent with methodology as per the *New Mexico Environment Department TPH Screening Guidelines* (NMED, 2006b)." • **Section 8.1.3.1, page 8-5, 3rd major bullet**: "TPH results reported in TPH-DRO (C10-C22) and TPH-ORO (>C22-C36) were added as follows and are shown as TPH (C10-C36):" • **Section 8.1.3.4, page 8-7, 1st bullet, 3rd sentence:** "Note that the SSL for TPH is an averaged TPH value of all the petroleum products for industrial direct exposure in the *New Mexico Environment Department TPH Screening*	concentration. Although individually these TPH fractions are below the TPH Residential SSL (940 mg/kg), the combined concentrations of TPH-GRO and TPH-DRO (TPH-ORO was not detected) result in a TPH concentration of 1,280 mg/kg which exceeds the TPH Residential SSL (940 mg/kg). The WPOL ACM Completion Report will be revised to compare the TPH Analytical results to the NMED TPH Screening Guidelines, Residential Direct Exposure, Table 2b, for Kerosene and Jet Fuel (940 mg/kg) (October 2006). However, Table 9-2(a) (previously Table 8-2(a)) will not be revised. Table 9-2(a) is a data summary table for the risk assessment that presents the Soil Analytical Results for Chemicals Detected At Least Once at the West POL Yard Fuel Spill Site. Therefore it is not necessary to compare the data to NMED TPH Screening Guidelines or the Residential SSLs in this table. • **Section 2.3.3, page 2-2, 2nd paragraph, 2nd sentence (Now Section 2.4.3, page 2-4, 2nd paragraph, 2nd sentence):** This sentence will be revised to state; "It was determined through laboratory analysis that approximately 1,200 CY (1,430 tons) of soil contained TPH at concentrations greater than the NMED, Residential Direct Exposure, TPH Screening Guideline for Kerosene and Jet Fuel (940 mg/kg) (Table 2b, NMED, 2006) and would need to be disposed as New Mexico Special Waste by Rhino Environmental." • **Sentence 2.3.3.2, page 2-3, 2nd paragraph, 1st sentence (Now Section 2.4.3.2, page 2-5, 3rd paragraph, 1st**

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			Guidelines (NMED, 2006b)." This results in an average concentration of 2,850 mg/kg. • **Figure 8-2, legend, footnotes:** Figure 8-2 provides a comparison of TPH analytical results to the NMED TPH Residential soil screening guideline for kerosene and jet fuel (940 mg/kg) by using the sum of TPH-GRO and TPH-DRO. The Permittee must consistently provide a straight-forward comparison of each resultant TPH analytical dataset (e.g., TPH-DRO or TPH-ORO) to the NMED TPH Residential SSL for kerosene and jet fuel (940 mg/kg). The Permittee must clearly show these comparisons in Tables 8-1 and 8-2(a). The Permittee must emphasize (e.g., show in **bold** font) any measured TPH concentration that exceeds the NMED TPH Residential SSL. This comparison includes the risk assessment methodology of the *New Mexico Environment Department TPH Screening Guidelines* (NMED, 2006), which allows the exclusion of TPH-GRO (C6-C10) analytical data because an evaluation of the individual compounds already occurs within the risk assessment.	**sentence):** This paragraph will be revised to state; "TPH was analyzed for GRO (C6-C10), DRO (C10-C22), and ORO (>C22-C32). The detected TPH-GRO concentrations ranged from 41 mg/kg (EX14) to 13,900 mg/kg (EX19) and detected TPH-DRO concentrations ranged from 36 mg/kg (EX09B) to 35,000 mg/kg (EX19). The TPH-ORO fraction was not detected in any of the excavation confirmation samples. The combined TPH-GRO and DRO (ORO was not detected) concentrations for sidewall samples EX01 (4,525 mg/kg), EX02 (8,140 mg/kg), EX03 (1,840 mg/kg), EX07 (4,786 mg/kg), EX11 (2,692 mg/kg), EX12 (2,590 mg/kg), EX18 (31,390 mg/kg), and EX19 (48,900 mg/kg) were detected above the current NMED Residential Direct Exposure TPH Screening Guideline for Kerosene and Jet Fuel (940 mg/kg) (NMED, 2006)." These eight samples are located along the north and northeast sidewalls of the excavation (Figure 2-3). • **Section 8.1.1, page 8-3, 1st paragraph, 5th sentence (Now Section 8.1.1, page 8-3, 2nd paragraph, 4th sentence):** This sentence will be revised to state; "The combined TPH-GRO and DRO concentrations (TPH-ORO was note detected) for the samples collected at WPOL-SW20 (4,900 mg/kg), WPOL-SW26 (3,630 mg/kg), WPOL-SW27 (2,500 mg/kg), and WPOL-SW28 (1,280 mg/kg) were each above the NMED TPH Screening Guideline, Residential Direct Exposure for Kerosene and Jet Fuel (940 mg/kg) (NMED, 2006)." • **Section 8.1.3.1, page 8-5, 2nd major bullet (Now part**

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				of a new section; Section 9 – Risk Assessment – Section 9.1, page 9-3, 1st major bullet): This statement is consistent with Appendix 4-F, Section VII (Risk-Based Variance from Cleanup Standards or Levels) of the HAFB Hazardous Waste Facility Permit # 6572124422. • **Section 8.1.3.1, page 8-5, 3rd major bullet (Now Section 9.1, page 9-3, 2nd major bullet):** This bullet outlines how the TPH results were utilized for the risk assessment. Because, TPH-GRO is not considered for the risk assessment, per the NMED Hazardous Waste Permit # 6572124422, Section VII (Risk-Based Variance from Cleanup Standards or Levels), the TPH-DRO and TPH-ORO values were added as outlined. Therefore, no revisions are necessary to this bullet. • **Section 8.1.3.4, page 8-7, 1st bullet, 3rd sentence (Now Section 9.5.1):** This section will be revised to state that the TPH SSL is an averaged TPH value of all the petroleum products <u>for Residential Direct Exposure in the NMED TPH Screening Guidelines (NMED, 2006).</u> • **Figure 8-2 (as well as Figure 8-4), legend, footnotes:** The footnotes to Figures 8-2 and 8-4 will be revised to compare the individual TPH-GRO, DRO, or ORO analytical results to the NMED TPH Screening Guidelines, Residential Direct Exposure, Table 2b, for Kerosene and Jet Fuel (940 mg/kg) (NMED, 2006). In the case of sidewall sample WPOL-SW28 where the combined TPH values exceed the NMED TPH Screening Guideline, Residential Direct Exposure, for Kerosene and Jet Fuel (940 mg/kg) a separate footnote will be

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Author	Dezbah Tso NMED - Hazardous Waste Bureau, Albuquerque, NM		Date of Comments: March 13, 2009	Date of Response: March 27, 2009 (Revised June 2010)
				added (see RTC No. 1).
6	Table 7-1, 8-1, and 8-2(a)		To more clearly communicate the analytical results and the progress toward achieving the ACM objectives, The Permittee must revise Table 7-1, Table 8-1, and Table 8-2(a) to include all groundwater evaluation criteria and all soil evaluation criteria. Specifically, the evaluation criteria for groundwater must include the appropriate Residential values as specified by the New Mexico Water Quality Control Commission (NMWQCC), the USEPA Region 6 MCLs, and the *New Mexico Environment Department TPH Screening Guidelines* (October 2006). The evaluation criteria for soils must include the residential values listed in the *New Mexico Environment Department Technical Background Document for Development of Soil Screening Levels* (Revision 4.0, June 2006), the *New Mexico Environment Department TPH Screening Guidelines* (October 2006), and the USEPA Region 6 Screening Action Levels (SALs). These requirements must extend to the analytical results from future samples.	Concur. The evaluation criteria for groundwater presented in Table 7-2 (Groundwater Analytical Results) has been revised to include the NMED TPH Screening Guidelines for kerosene and jet fuel (15.7 mg/L) in groundwater (Table 2b, October 2006). Table 7-2 also presents the USEPA National Primary Drinking Water Maximum Contaminant Levels (MCLs) and the New Mexico Water Quality Control Commission (NMWQCC) standards for groundwater. As per the Holloman AFB Hazardous Waste Facility Permit Number NM6572124422, Appendix 4-F, Section III.1 (Groundwater Cleanup Levels), groundwater contaminants will be compared to the NMWQCC established groundwater standards (20.6.2.3103 NMAC) and USEPAs MCLs. Furthermore, the USEPA Region 6 MCLs are the same as the USEPAs MCLs. The evaluation criteria for soil presented in Table 8-1 (2006 Excavation Confirmation and Stockpile Analytical Results) and Table 8-2 (2010 Excavation Confirmation Soil Analytical Results) have been revised to include the NMED TPH Screening Guidelines for kerosene and jet fuel (940 mg/kg) residential direct exposure (Table 2b, NMED October 2006). As per the Holloman AFB Hazardous Waste Facility Permit Number NM6572124422, Appendix 4-F, Section V.1 (Soil Cleanup Levels), soil contaminants are initially to be compared to the NMED SSLs (NMED Technical Background Document for the Development of Soil Screening Levels, Rev. 4.0, June, 2006 [currently Rev 5.0, December 2009]). Additionally, if the NMED has not established a SSL for a

Response to Comments Accelerated Corrective Measures Completion Report West POL Yard (AOC-4), July 2008 Holloman AFB, NM				
Comment No.	**Section**	**Page**	**Comment**	**Response**
Author	Dezbah Tso NMED - Hazardous Waste Bureau, Albuquerque, NM		Date of Comments: March 13, 2009	Date of Response: March 27, 2009 (Revised June 2010)
				particular contaminant, the contaminant will be compared to the current USEPA Region 6 Human Health Medium Specific Screening Level (HHMSSL) (September 12, 2008) (replaced with USEPA Regions 3, 6, and 9 Regional Screening Levels [RSLs] [December 2009]). Therefore, Table 8-1 has been revised to include the USEPA Region 6 HHMSSLs (Sept 2008) (currently RSLs [December 2009]) for contaminants (e.g., 2-Methylnapthalene) that do not have a NMED SSL. Furthermore, Table A-2 (Soil Boring Analytical Data [presented Appendix A-2] [as wells as new Tables 7-3 and 8-2]) have been revised to include Region 6 RSLs where applicable. Table 9-2(a) (former Table 8-2(a)) is a data summary table for the risk assessment that presents the Soil Analytical Results for Chemicals Detected At Least Once at the West POL Yard Fuel Spill Site, therefore it is not necessary to compare the data to NMED Residential SSLs or EPA Region 6 RSLs in this table.
7	Figures		None of the figures shows all soil excavation confirmatory sample locations, from 2003 and 2006. Moreover, no figure shows all of the soil sampling results (e.g., TPH results). The Permittee must create new figures or modify existing figures to show all soil excavation soil sample locations (from 2003, 2006, and future) and the soil sampling results on a single figure to clearly demonstrate that the excavation objectives have been met.	Concur. A new figure (numbered as Figure 8-1) will be created. New Figure 8-1 will display all soil sampling locations including the Foster Wheeler 2002-2003 excavation confirmation locations (EX01 through EX19), the 2005 soil borings (SB01 through SB21), the Bhate 2006 excavation confirmation locations (SW20 through SW31), the Bhate 2009 borings (SB22-SB31) drilled northwest of the excavated areas, and the NationView 2010 excavation confirmation sampling. Furthermore, any analytical results above the NMED TPH Residential Screening Guidelines for kerosene and jet fuel

Response to Comments Accelerated Corrective Measures Completion Report West POL Yard (AOC-4), July 2008 Holloman AFB, NM				
Comment No.	**Section**	**Page**	**Comment**	**Response**
Author	Dezbah Tso NMED - Hazardous Waste Bureau, Albuquerque, NM		Date of Comments: March 13, 2009	Date of Response: March 27, 2009 (Revised June 2010)
				(940 mg/kg) (October, 2006), the current NMED Residential SSLs (Rev 5.0, December 2009), or the USEPA Region 6 RSLs (December 2009) will also be displayed to clearly illustrate where contaminated soil has been left in place due to the AST fuel tank containment area (see new Figure 8-4).
8	1.3, 1st paragraph, 1st bullet	1-3	The text of the bullet point states, "[o]ne up-gradient monitoring well (WPOL-MW01), two down-gradient monitoring wells (WPOL-MW02 and WPOL-MW04), and one well within the known contaminated area (WPOL-MW03) were installed to define groundwater conditions at the site." The Permittee must specify whether these monitoring wells remain in place at the site.	Monitoring wells WPOL-MW01 through WPOL-MW04 are currently active and useable at the West POL Yard.
9	Figure 2-3 Table 8-2(a), and Figure 8-1		Piecing together the data and sample location information contained in Figure 2-3, Table 8-2(a), and Figure 8-1 makes it possible to determine which confirmatory sample locations have resultant TPH concentrations that exceed the NMED TPH Residential SSL. According to the combined information, confirmatory soil sample TPH-DRO concentrations exceed the NMED TPH Residential SSL for kerosene and jet fuel (940 mg/kg) at four sampling locations along the northern exterior edge of the 2003 and 2006 excavation areas. These sample locations include EX18 (23,600 mg/kg), SW26 (2,800 mg/kg), SW27 (1,800 mg/kg), and SW20 (3,900 mg/kg). TPH-GRO confirmatory soil sample concentrations exceed the NMED TPH Residential SSL for kerosene and jet fuel (940 mg/kg) at two sampling locations along the northern exterior edge of the 2003 and 2006 excavation areas. These sample locations include EX18 (7,790 mg/kg) and SW21 (1,000 mg/kg). TPH-ORO was not detected and measured concentrations range from 24 mg/kg to 260 mg/kg. The 2006 locations SW20,	Concur. Seven (10 borings were actually needed to characterize the area west of the AST secondary containment) additional soil borings (WPOL-SB22 through WPOL-SB28) will be installed for additional soil characterization in the area northwest of the previously excavated area and west of the AST containment structure. Attachment 1 (West POL Yard, Additional Soil Characterization) displays the proposed sampling locations needed to further assess the contamination left in place at the West POL Yard. Upon completion of the additional soil characterization a revised site-specific residential direct exposure risk assessment will be performed. Additionally, a revised Accelerated Corrective Measures, Completion Report for the West POL Yard, will be submitted to the New Mexico Environment Department, Hazardous Waste Bureau.

Response to Comments Accelerated Corrective Measures Completion Report West POL Yard (AOC-4), July 2008 Holloman AFB, NM				
Comment No.	**Section**	**Page**	**Comment**	**Response**
Author	Dezbah Tso NMED - Hazardous Waste Bureau, Albuquerque, NM		Date of Comments: March 13, 2009	Date of Response: March 27, 2009 (Revised June 2010)
			SW21, SW26, and SW27 extend along the southern edge of the secondary containment structure, which is an actively used facility. During a 2006 site visit, the NMED and the Permittee verbally agreed it was unnecessary to extend the excavation beneath the active facility. The 2003 confirmatory sample location EX18 sits on the southwestern corner of the secondary containment structure and no other proximal structures appear adjacent to sample location EX18. Due to the high measured TPH concentrations (DRO is 23,600 mg/kg and GRO is 7,790 mg/kg), and the paucity of analytical data to the northwest of the excavation area, The Permittee must collect additional soil samples and obtain analytical data results for the area to the northwest of the excavation area and west of the active AST farm. These data shall be used to provide information regarding the nature and extent of contamination west of the AST farm.	
			End of Comments	

NEW MEXICO ENVIRONMENT DEPARTMENT

Hazardous Waste Bureau

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RON CURRY
Secretary

JON GOLDSTEIN
Deputy Secretary

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

May 14, 2009

Mr. David Scruggs, Chief
Environmental Restoration Program
49 CES/CEVR
550 Tabosa Ave.
Holloman AFB, NM 88330-8458

SUBJECT: NOTICE OF DISAPPROVAL: RESPONSE TO NOTICE OF DEFICIENCY ON WEST POL YARD (AOC-4) ACCELERATED CORRECTIVE MEASURES COMPLETION REPORT, MARCH 2009 HOLLOMAN AIR FORCE BASE, NM6572124422 HWB-HAFB-08-008

Dear Mr. Scruggs:

The New Mexico Environment Department (NMED) has reviewed the Holloman Air Force Base's (the Permittee's) March 2009 Response from to the March 13, 2009 Notice of Deficiency (NOD) for the Accelerated Corrective Measures Completion (ACM) Report for the West Petroleum, Oil, and Lubricants (POL) Yard, Area of Concern (AOC)-4. The NMED acknowledges the Permittee's request for guidance regarding the proposed revisions to the ACM Report. NMED has determined that the proposed NOD response requires additional modifications. The Permittee must address the following comments and revise and submit the ACM Report before the NMED can make a decision about approval of the ACM Report for the West POL Yard. The comment numbers addressed herein reflect the comment numbers from the March 13, 2009 NOD.

1. **General Comment**
   With the exception of the last two paragraphs of the response, the NMED finds the proposed revisions acceptable.

The exceptions concern the last two paragraphs of the response, which state the following:

> "Appendix A-1, Table C-3 (West POL Yard Stockpile Samples) and Table C-4 (West POL Yard Confirmation Samples) were prepared by a previous HAFB subcontractor (Foster Wheeler Environmental Corporation). Therefore, revisions will not be made to Tables C-3 or C-4 as these tables were not created by Bhate and are in a .pdf file that cannot be revised."
>
> "Furthermore, Tables C-3 and C-4 do not list sample dates. As a result, the Report text will be revised to clarify excavation sampling dates which began in 2002 and ended in January 2003 that were conducted by Foster Wheeler."

The Permittee must comply with the original comment #1 in its entirety, including providing all requested revisions to Appendix A-1, Table C-3 (West POL Yard Stockpile Samples) and Table C-4 (West POL Yard Confirmation Samples). While NMED recognizes that these tables are only available as pdf files, the Permittee must comply, even if it must enter data manually or create new tables that are updated, printed, and available electronically.

2. **Specific Comment #2**
The NMED accepts the response and revisions.

3. **Specific Comment #3**
The NMED accepts the response and revisions.

4. **Specific Comment #4**
The NMED accepts the response and revisions.

5. **Specific Comments #5**
With the exception of the use of an averaged TPH value of all the petroleum products for Residential Direction Exposure in the NMED TPH Screening Guidelines (NMED, 2006), the response and proposed revisions are acceptable.

   Because the NMED TPH screening guideline is a total TPH value, the Permittee must compare the TPH results to the total TPH screening guideline for residential direct exposure (e.g. kerosene and jet fuel = 940 mg/kg).

6. **Specific Comment #6**
The NMED accepts the response and revisions.

7. **Specific Comment #7**
The NMED accepts the response and revisions.

8. **Specific Comment #8**
The NMED accepts the following response: "Monitoring wells WPOL-MW01 through WPOL-MW04 are currently active and useable at the West POL Yard." The Permittee must also revise Section 1.3, page 1-3, first paragraph, first bullet point to include the

status of the wells (e.g., currently active and usable).

9. **Specific Comment #9**
The NMED accepts the response, revisions, number of samples, and sampling locations.

Please respond to this Notice of Disapproval within sixty (60) calendar days of receipt of this notice by the submission of a revised ACM Report that fully addresses all comments listed in the March 13, 2009 NOD and employs the guidance provided in this letter. Submittal of the revised ACM Report for final review includes the following: two hard copies indicating added information in highlights, and deleted information in strikeouts, and two compact disks compatible with Microsoft Word. Additionally, the submittal must include the final matrix of the NOD comments and the Permittee responses.

If you have any questions regarding this matter or if you would like to discuss the comments prior to your response, please contact Dezbah Tso of my staff at (505) 222-9528, or at the above letterhead address.

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
Dezbah Tso, NMED-HWB
L. King, EPA, Region 6 (6PD-F)
File: HAFB 2009 and Reading
HWB-HAFB-08-008

Response to Notice of Disapproval Accelerated Corrective Measures Completion Report West POL Yard (AOC-4), July 2008 Holloman AFB, NM				
Comment No.	**Section**	**Page**	**Comment**	**Response**
Author	Dezbah Tso NMED- Hazardous Waste Bureau, Albuquerque, NM		Date of Comments: May 14, 2009	Date of Response: May 22, 2009 (Revised June 2010)
1	General Comment		With the exception of the last two paragraphs of the response, the NMED finds the proposed revisions acceptable. The exceptions concern the last two paragraphs of the response, which state the following: "Appendix A-1, Table C-3 (West POL Yard Stockpile Samples) and Table C-4 (West POL Yard Confirmation Samples) were prepared by a previous HAFB subcontractor (Foster Wheeler Environmental Corporation). Therefore, revisions will not be made to Tables C-3 or C-4 as these tables were not created by Bhate and are in a .pdf file that cannot be revised." "Furthermore, Tables C-3 and C-4 do not list sample dates. As a result, the Report text will be revised to clarify excavation sampling dates which began in 2002 and ended in January 2003 that were conducted by Foster Wheeler." The Permittee must comply with the original comment #1 in its entirety, including providing all requested revisions to Appendix A-1, Table C-3 (West POL Yard Stockpile Samples) and Table C-4 (West POL Yard Confirmation Samples). While NMED recognizes that these tables are only available as pdf files, the Permittee must comply, even if it must enter data manually or create new tables that are updated, printed, and available electronically.	Concur. Bhate will prepare new data tables, for Table C-3 and C-4 based on the 2002-2003 excavation soil analytical data collected by Foster Wheeler Environmental Corporation, since revising existing data tables is not possible. The original tables will remain in the report for reference
2	Specific Comment #2		The NMED accepts the response and revisions.	Concur.

Response to Notice of Disapproval Accelerated Corrective Measures Completion Report West POL Yard (AOC-4), July 2008 Holloman AFB, NM				
Comment No.	**Section**	**Page**	**Comment**	**Response**
Author	Dezbah Tso NMED- Hazardous Waste Bureau, Albuquerque, NM		Date of Comments: May 14, 2009	Date of Response: May 22, 2009 (Revised June 2010)
3	Specific Comment #3		The NMED accepts the response and revisions.	Concur.
4	Specific Comment #4		The NMED accepts the response and revisions.	Concur.
5	Specific Comment #5		With the exception of the use of an averaged TPH value of all the petroleum products for Residential Direct Exposure in the NMED TPH Screening Guidelines (NMED, 2006), the response and proposed revisions are acceptable. Because the NMED TPH screening guideline is a total TPH value, the Permittee must compare the TPH results to the total TPH screening guideline for residential direct exposure (e.g., kerosene and jet fuel = 940 mg/kg).	Concur. TPH results will be compared to the total screening guideline for residential direct exposure, in the Risk Assessment, which will be conducted after the additional characterization (outlined in Comment #9) is completed.
6	Specific Comment #6		The NMED accepts the response and revisions.	Concur.
7	Specific Comment #7		The NMED accepts the response and revisions.	Concur.
8	Specific Comment #8		The NMED accepts the following response: "Monitoring wells WPOL-MW01 through WPOL-MW04 are currently active and useable at the West POL Yard." The Permittee must also revise Section 1.3, page 1-3, first paragraph, first bullet point to include the status of the wells (e.g., currently active and useable).	Concur. The text in Section 1.3, page 1-3, third paragraph, first bullet point will be revised to clarify the current status of the four monitoring wells (WPOL-MW01 through WPOL-MW04) installed in 2007, as follows: "…were installed (and are currently active), to define groundwater conditions at the site,"
9	Specific Comment #9		The NMED accepts the response, revisions, number of samples, and sampling locations.	Concur.
			End of Comments	

APPENDIX A

HISTORICAL DATA FROM PREVIOUS INVESTIGATIONS

Appendix A-1

(Laboratory data on enclosed CD)

WPOL Yard Analytical Data from the *Closure Report for the excavations at FT-31 South Area and the West POL Yard, Holloman Air Force Base, New Mexico*

Foster Wheeler, June 2003

Table C-3
Summary of Analytical Results for WPOL Stockpile Soil Samples (December 2002)
West POL Yard Fuel Spill Site, Holloman Air Force Base, New Mexico

Client Sample Identification:	**Soil Screening Levels**	**WPOLSS01**	**WPOLSS02**	**WPOLSS03**	**WPOLSS04**	**WPOLSS05**	**WPOLSS06**	**WPOLSS07**	**WPOLSS08**
Lab Sample Identification:	**NMED Residential[1]**								**LR104098-400611**
Date Sampled:		**12/13/2002**	**12/13/2002**	**12/13/2002**	**12/13/2002**	**12/13/2002**	**12/13/2002**	**12/13/2002**	**12/18/2002**
Analyte		**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
Volatile Organic Compounds (8260B)	**mg/kg**	**µg/kg**	**µg/kg**	**µg/kg**	**µg/kg**	**µg/kg**	**µg/kg**	**µg/kg**	**µg/kg**
1,2,4-Trimethylbenzene	62 [2]	7,670	6,950	38,300	27,300	11,300	8,000	7,750	2,340
1,3,5-Trimethylbenzene	780 [2]	2,360	2,110	7,230	4,640	2,880	1,960	2,000	618
Ethylbenzene	69.7	1,670	ND	6,880	7,510	3,190	1,770	1,840	282 J
Isopropylbenzene	3,210	1,100	682	3,580	2,910	1,630	878	1,050	248 J
n-Butylbenzene	NV [3]	4,940	2,990	15,100	7,420	4,990	2,200	429 J	533
n-Propylbenzene	NV [3]	1,980	850	6,470	4,850	2,650	1,710	1,990	469 J
p-Isopropyltoluene	NV [3]	2,200	2,260	6,420	3,620	2,740	1,960	1,780	636
sec-Butylbenzene	NV [3]	2,970	2,750	8,120	4,620	3,220	1,880	2,290	806
Xylenes (total)	1,090	759	507	6,760	7,120	4,310	2,540	ND	ND
Semi-Volatile Organic Compounds (8270C)	**mg/kg**	**µg/kg**	**µg/kg**	**µg/kg**	**µg/kg**	**µg/kg**	**µg/kg**	**µg/kg**	**µg/kg**
2-Methylnaphthalene	310 [2]	3,530	4,380	6,550	5,060	3,350	1,160	1,020	1,210
Naphthalene	45	3,340	1,330	10,900	5,960	4,240	2,740	3,360	1,230
Total Petroleum Hydrocarbons (8015)	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**
Gasoline Range Organics (C6-C10)	940 [4]	718	**2,030**	610	**1,280**	**1,620**	**1,120**	900	213
Diesel Range Organics (C10-C22)	940 [4]	352	**1,260**	**2,240**	513	605	465	452	127
Oil Range Organics (C22-C32)	940 [4]	ND	ND	ND	ND	ND	ND	ND	ND

Notes:

NMED = New Mexico Environment Department
µg/kg = micrograms per kilogram
mg/kg = milligrams per kilogram
NV = No Value
ND = Not detected
J = Indicates an estimated value
USEPA = Environmental Protection Agency
SSL = Soil Screening Level
TPH = Total Petroleum Hydrocarbons
WPOL = West Petroleum, Oil, and Lubricants Yard
SS = Stockpile Sample
LR = Lab Request

[1] NMED, December 2009. Technical Background Document for Development of Soil Screening Levels, Revision 5.0.
[2] USEPA Regions 3, 6, and 9 Regional Screening Levels (RSLs) (December, 2009)
[3] No Value established for NMED Residential SSL (December, 2009) and USEPA Region 3, 6, and 9 RSLs (December, 2009)
[4] NMED TPH Screening Guidelines for Kerosene and Jet Fuel, Residential Direct Exposure, Table 2b (October, 2006)
Bold value indicates analytes above NMED SSLs (Rev 5.0, December 2009) or TPH results above NMED TPH Screening Guidelines (October, 2006)
Indicates that the combined TPH-GRO/DRO/ORO results exceed the NMED TPH Screening Guidelines (Kerosene and Jet Fuel), Residential Direct Exposure

It should be noted that this table was originally created by Foster Wheeler and was presented in the *Closure Report for the Excavations at FT-31 South Area and the West POL Yard, Holloman Air Force Base, New Mexico* dated June 2003. The NMED requested that the table be revised in a Notice of Disapproval letter dated May 14, 2009. NationView revised the table as follows at the request of the NMED: sample dates were added, all abbreviations were defined, current SSLs were added, test methods were added, and bold type was explained.

Table C-3. Summary of Analytical Results for West POL Yard Soil Stockpile Samples

Analyte	Sample ID						
	WPOLSS01	WPOLSS02	WPOLSS03	WPOLSS04	WPOLSS05	WPOLSS06	WPOLSS07
VOCs (ug/Kg)							
1,2,4-Trimethylbenzene	7670	6950	38300	27300	11300	8000	7750
1,3,5-Trimethylbenzene	2360	2110	7230	4640	2880	1960	2000
Ethylbenzene	1670	ND	6880	7510	3190	1770	1840
Isopropylbenzene (Cumene)	1100	682	3580	2910	1630	878	1050
n-Butylbenzene	4940	2990	15100	7420	4990	2200	429 J
n-Propylbenzene	1980	850	6470	4850	2650	1710	1990
p-Isopropyltoluene	2200	2260	6420	3620	2740	1960	1780
sec-Butylbenzene	2970	2750	8120	4620	3220	1880	2290
Xylenes, total	759	507	6760	7120	4310	2540	ND
SVOCs (ug/Kg)							
2-Methylnaphthalene	3530	4380	6550	5060	3350	1160	1020
Naphthalene	3340	1330	10900	5960	4240	2740	3360
Petroleum Hydrocarbons (mg/Kg)							
C06 - C10	718	2030	610	1280	1620	1120	900
C10 - C22	352	1260	2240	513	605	465	452
C22 - C32	ND	ND	ND	ND	ND	ND	ND

Notes:
ND - analyte not detected
mg/Kg - milligrams per kilogram
ug/Kg - micrograms per kilogram

Original Table C-3 from the Foster Wheeler Closure Report in June 2003

Table C-4
Summary of Analytical Results for WPOL Sidewall Soil Samples (December 2002) Collected by Foster Wheeler
West POL Yard Fuel Spill Site, Holloman Air Force Base, New Mexico

Client Sample Identification:	**Soil Screening Levels**	**WPOLEX01**	**WPOLEX02**	**WPOLEX03**	**WPOLEX04**	**WPOLEX05**	**WPOLEX06**	**WPOLEX07**
Lab Sample Identification:	**NMED Residential[1]**	**LR103804-399498**	**LR103804-399499**	**LR103804-399500**	**LR103804-399501**	**LR103804-399502**	**LR103804-399503**	**LR103804-399504**
Date Sampled:		**12/16/2002**	**12/16/2002**	**12/16/2002**	**12/16/2002**	**12/16/2002**	**12/16/2002**	**12/16/2002**
Analyte		**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
Volatile Organic Compounds (8260B)	**mg/kg**	**µg/kg**	**µg/kg**	**µg/kg**	**µg/kg**	**µg/kg**	**µg/kg**	**µg/kg**
1,2,4-Trimethylbenzene	62 [2]	**77,100**	18,000	2,970	16	ND	ND	15,400
1,3,5-Trimethylbenzene	780 [2]	15,300	1,670	624	ND	ND	ND	1,920 J
Ethylbenzene	69.7	13,400	3,040	2,190	52	ND	ND	6,730
Isopropylbenzene	3,210	6,950	1,470	930	19	ND	ND	3,650
n-Butylbenzene	NV [3]	23,800	5,830	1,010	3.3 J	ND	ND	5,300
n-Propylbenzene	NV [3]	11,900	2,500	1,370	15	ND	ND	5,900
Naphthalene	45	36,700	6,570	1,750	12	ND	ND	5,030
p-Isopropyltoluene	NV [3]	20,300	5,600	881	1.2 J	ND	ND	4,420
sec-Butylbenzene	NV [3]	16,200	3,630	1,160	10	ND	ND	6,240
Xylenes (total)	1,090	6,780	1,480	350	14	ND	ND	533 J
Semi-Volatile Organic Compounds (8270C)	**mg/kg**	**µg/kg**	**µg/kg**	**µg/kg**	**µg/kg**	**µg/kg**	**µg/kg**	**µg/kg**
2-Methylnaphthalene	310 [2]	17,100	15,100	5,660	ND	ND	ND	5,630
Naphthalene	45	8,020	7,050	2,540	ND	ND	ND	3,940
Total Petroleum Hydrocarbons (8015)	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**
Gasoline Range Organics (C6-C10)	940 [4]	925	**1,950**	840	ND	ND	ND	**986**
Diesel Range Organics (C10-C22)	940 [4]	**3,600**	**6,190**	**1,000**	ND	ND	ND	**3,800**
Oil Range Organics (C22-C32)	940 [4]	ND	ND	ND	ND	ND	ND	ND

Notes:

NMED = New Mexico Environment Department
µg/kg = micrograms per kilogram
mg/kg = milligrams per kilogram
NV = No Value
ND = Not detected
J = Indicates an estimated value
USEPA = Environmental Protection Agency
SSL = Soil Screening Level
TPH = Total Petroleum Hydrocarbons
WPOL = West Petroleum Oil and Lubricants Yard
EX = Excavation Sidewall Sample
D = denotes a duplicate field sample
LR = Lab Request

[1] NMED, December 2009. Technical Background Document for Development of Soil Screening Levels, Revision 5.0.
[2] USEPA Regions 3, 6, and 9 Regional Screening Levels (RSLs) (December, 2009)
[3] No Value established for NMED Residential SSL (December, 2009) and USEPA Region 3, 6, and 9 RSLs (December, 2009)
[4] NMED TPH Screening Guidelines for Kerosene and Jet Fuel, Residential Direct Exposure, Table 2b (October, 2006)
Bold value indicates analytes above NMED SSLs (Rev 5.0, December 2009) or TPH results above NMED TPH Screening Guidelines (October, 2006)
Indicates that the combined TPH-GRO/DRO/ORO results exceed the NMED TPH Screening Guidelines (Kerosene and Jet Fuel), Residential Direct Exposure

It should be noted that this table was originally created by Foster Wheeler and was presented in the *Closure Report for the Excavations at FT-31 South Area and the West POL Yard, Holloman Air Force Base, New Mexico* dated June 2003. The NMED requested that the table be revised in a Notice of Disapproval letter dated May 14, 2009. NationView revised the table as follows at the request of the NMED: sample dates were added, all abbreviations were defined, current SSLs were added, test methods were added, and bold type was explained.

Table C-4
Summary of Analytical Results for WPOL Sidewall Soil Samples (December 2002) Collected by Foster Wheeler
West POL Yard Fuel Spill Site, Holloman Air Force Base, New Mexico

Client Sample Identification:	**Soil Screening Levels**	**WPOLEX08**	**WPOLEX09**	**WPOLEX9A**	**WPOLEX9B**	**WPOLEX10**	**WPOLEX10D**	**WPOLEX11**
Lab Sample Identification:	**NMED Residential[1]**	**LR103804-399505**	**LR103804-399506**	**LR104098-400609**	**LR104098-400610**	**LR103804-399507**	**LR103804-399508**	**LR103804-399509**
Date Sampled:		**12/16/2002**	**12/16/2002**	**12/18/2002**	**12/18/2002**	**12/16/2002**	**12/16/2002**	**12/16/2002**
Analyte		**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
Volatile Organic Compounds (8260B)	**mg/kg**	**µg/kg**	**µg/kg**	**µg/kg**	**µg/kg**	**µg/kg**	**µg/kg**	**µg/kg**
1,2,4-Trimethylbenzene	62 [2]	ND	719	437	ND	ND	ND	ND
1,3,5-Trimethylbenzene	780 [2]	ND	ND	445	ND	ND	ND	ND
Ethylbenzene	69.7	ND	398 J	1,800	ND	1,150	303 J	143 J
Isopropylbenzene	3,210	ND	304 J	1,070	ND	984	273 J	ND
n-Butylbenzene	NV [3]	ND	491 J	732	ND	604	ND	336 J
n-Propylbenzene	NV [3]	ND	478 J	1,850	ND	1,640	426 J	147 J
Naphthalene	45	ND	765	2,690	ND	2,690	963	910
p-Isopropyltoluene	NV [3]	ND	417 J	1,150	ND	311 J	ND	176 J
sec-Butylbenzene	NV [3]	ND	618	2,210	ND	2,140	500	180 J
Xylenes (total)	1,090	ND	ND	ND	ND	ND	ND	ND
Semi-Volatile Organic Compounds (8270C)	**mg/kg**	**µg/kg**	**µg/kg**	**µg/kg**	**µg/kg**	**µg/kg**	**µg/kg**	**µg/kg**
2-Methylnaphthalene	310 [2]	ND	1,020	2,640	624	1,490	2,330	10,000
Naphthalene	45	ND	426 J	1,160	ND	757 J	1,180	4,750
Total Petroleum Hydrocarbons (8015)	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**
Gasoline Range Organics (C6-C10)	940 [4]	ND	350	600	ND	184	174	612
Diesel Range Organics (C10-C22)	940 [4]	ND	180	225	36	507	528	**2,080**
Oil Range Organics (C22-C32)	940 [4]	ND	ND	ND	ND	ND	ND	ND

Notes:

NMED = New Mexico Environment Department
µg/kg = micrograms per kilogram
mg/kg = milligrams per kilogram
NV = No Value
ND = Not detected
J = Indicates an estimated value
USEPA = Environmental Protection Agency
SSL = Soil Screening Level
TPH = Total Petroleum Hydrocarbons
WPOL = West Petroleum Oil and Lubricants Yard
EX = Excavation Sidewall Sample
D = denotes a duplicate field sample
LR = Lab Request

[1] NMED, December 2009. Technical Background Document for Development of Soil Screening Levels, Revision 5.0.
[2] USEPA Regions 3, 6, and 9 Regional Screening Levels (RSLs) (December, 2009)
[3] No Value established for NMED Residential SSL (December, 2009) and USEPA Region 3, 6, and 9 Regional Screening Levels (RSLs) (December, 2009)
[4] NMED TPH Screening Guidelines for Kerosene and Jet Fuel, Residential Direct Exposure, Table 2b (October, 2006)
Bold value indicates analytes above NMED SSLs (Rev 5.0, December 2009) or TPH results above NMED TPH Screening Guidelines (October, 2006)
Indicates that the combined TPH-GRO/DRO/ORO results exceed the NMED TPH Screening Guidelines (Kerosene and Jet Fuel), Residential Direct Exposure

It should be noted that this table was originally created by Foster Wheeler and was presented in the *Closure Report for the Excavations at FT-31 South Area and the West POL Yard, Holloman Air Force Base, New Mexico* dated June 2003. The NMED requested that the table be revised in a Notice of Disapproval letter dated May 14, 1999. NationView revised the table as follows at the request of the NMED: sample dates were added, all abbreviations were defined, current SSLs were added, test methods were added, and bold type was explained.

Table C-4
Summary of Analytical Results for WPOL Sidewall Soil Samples (December 2002) Collected by Foster Wheeler
West POL Yard Fuel Spill Site, Holloman Air Force Base, New Mexico

Client Sample Identification:	**Soil Screening Levels**	**WPOLEX11A**	**WPOLEX12**	**WPOLEX12A**	**WPOLEX13**	**WPOLEX14**	**WPOLEX15**	**WPOLEX16**
Lab Sample Identification:	**NMED Residential[1]**	**LR104374-402121**	**LR103804-399510**	**LR104374-402122**	**LR103804-399511**	**LR103804-399512**	**LR103804-399513**	**LR103804-399514**
Date Sampled:		**12/26/2002**	**12/16/2002**	**12/26/2002**	**12/16/2002**	**12/16/2002**	**12/16/2002**	**12/16/2002**
Analyte		**Result**	**Result**	**Result**	**Result**	**Result**	**Result**	**Result**
Volatile Organic Compounds (8260B)	**mg/kg**	**µg/kg**	**µg/kg**	**µg/kg**	**µg/kg**	**µg/kg**	**µg/kg**	**µg/kg**
1,2,4-Trimethylbenzene	62 [2]	ND	3,240	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	780 [2]	ND	471	ND	ND	ND	ND	ND
Ethylbenzene	69.7	ND	1,770	ND	ND	ND	ND	ND
Isopropylbenzene	3,210	ND	993	ND	ND	ND	ND	ND
n-Butylbenzene	NV [3]	ND	3,500	ND	ND	ND	ND	ND
n-Propylbenzene	NV [3]	ND	1,780	ND	ND	ND	ND	ND
Naphthalene	45	ND	3,390	ND	ND	ND	ND	ND
p-Isopropyltoluene	NV [3]	ND	1,360	ND	ND	ND	ND	ND
sec-Butylbenzene	NV [3]	ND	1,990	ND	ND	ND	ND	ND
Xylenes (total)	1,090	ND	ND	ND	ND	ND	ND	ND
Semi-Volatile Organic Compounds (8270C)	**mg/kg**	**µg/kg**	**µg/kg**	**µg/kg**	**µg/kg**	**µg/kg**	**µg/kg**	**µg/kg**
2-Methylnaphthalene	310 [2]	ND	7,510	ND	ND	ND	ND	ND
Naphthalene	45	ND	3,660	ND	ND	ND	ND	ND
Total Petroleum Hydrocarbons (8015)	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**
Gasoline Range Organics (C6-C10)	940 [4]	ND	630	ND	ND	41	175	ND
Diesel Range Organics (C10-C22)	940 [4]	ND	**1,960**	ND	ND	65	147	ND
Oil Range Organics (C22-C32)	940 [4]	ND	ND	ND	ND	ND	ND	ND

Notes:

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NV = No Value
ND = Not detected
J = Indicates an estimated value
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SSL = Soil Screening Level
TPH = Total Petroleum Hydrocarbons
WPOL = West Petroleum Oil and Lubricants Yard
EX = Excavation Sidewall Sample
D = denotes a duplicate field sample
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Table C-4
Summary of Analytical Results for WPOL Sidewall Soil Samples (December 2002) Collected by Foster Wheeler
West POL Yard Fuel Spill Site, Holloman Air Force Base, New Mexico

Client Sample Identification:	**Soil Screening Levels**	**WPOLEX17**	**WPOLEX18**	**WPOLEX18A**	**WPOLEX19**
Lab Sample Identification:	**NMED Residential[1]**	**LR103804-399515**	**LR103804-399516**	**LR104374-402123**	**LR103804-399517**
Date Sampled:		**12/16/2002**	**12/16/2002**	**12/26/2002**	**12/16/2002**
Analyte		**Result**	**Result**	**Result**	**Result**
Volatile Organic Compounds (8260B)	**mg/kg**	**µg/kg**	**µg/kg**	**µg/kg**	**µg/kg**
1,2,4-Trimethylbenzene	62 [2]	ND	24,200	ND	**103,000**
1,3,5-Trimethylbenzene	780 [2]	ND	99,600	ND	22,700
Ethylbenzene	69.7	ND	12,400	ND	16,000
Isopropylbenzene	3,210	ND	6,860	ND	7,640
n-Butylbenzene	NV [3]	ND	38,900	ND	36,800
n-Propylbenzene	NV [3]	ND	10,200	ND	11,400
Naphthalene	45	ND	**46,500**	ND	**45,100**
p-Isopropyltoluene	NV [3]	ND	29,400	ND	31,000
sec-Butylbenzene	NV [3]	ND	21,600	ND	ND
Xylenes (total)	1,090	ND	12,700	ND	17,500
Semi-Volatile Organic Compounds (8270C)	**mg/kg**	**µg/kg**	**µg/kg**	**µg/kg**	**µg/kg**
2-Methylnaphthalene	310 [2]	ND	31,100	ND	43,700
Naphthalene	45	ND	14,500	ND	19,500
Total Petroleum Hydrocarbons (8015)	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**
Gasoline Range Organics (C6-C10)	940 [4]	ND	**7,790**	ND	**13,900**
Diesel Range Organics (C10-C22)	940 [4]	ND	**23,600**	ND	**35,000**
Oil Range Organics (C22-C32)	940 [4]	ND	ND	ND	ND

Notes:

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Table C-4. Summary of Analytical Results for West POL Yard Excavation Confirmation Samples

Analyte	Sample ID							
	WPOLEX01	WPOLEX02	WPOLEX03	WPOLEX04	WPOLEX05	WPOLEX06	WPOLEX07	WPOLEX08
VOCs (ug/Kg)								
1,2,4-Trimethylbenzene	**77100**	**18000**	**2970**	**16**	ND	ND	**15400**	ND
1,3,5-Trimethylbenzene	**15300**	**1670**	**624**	ND	ND	ND	**1920 J**	ND
Ethylbenzene	**13400**	**3040**	**2190**	**52**	ND	ND	**6730**	ND
Isopropylbenzene (Cumene)	**6950**	**1470**	**930**	**19**	ND	ND	**3650**	ND
n-Butylbenzene	**23800**	**5830**	**1010**	**3.3 J**	ND	ND	**5300**	ND
n-Propylbenzene	**11900**	**2500**	**1370**	**15**	ND	ND	**5900**	ND
p-Isopropyltoluene	**20300**	**5600**	**881**	**1.2 J**	ND	ND	**4420**	ND
sec-Butylbenzene	**16200**	**3630**	**1160**	**10**	ND	ND	**6240**	ND
Xylenes, total	**6780**	**1480**	**350**	**14**	ND	ND	**533 J**	ND
SVOCs (ug/Kg)								
2-Methylnaphthalene	**17100**	**15100**	**5660**	ND	ND	ND	**5630**	ND
Naphthalene	**36700**	**6570**	**1750**	**12**	ND	ND	**5030**	ND
Petroleum Hydrocarbons (mg/Kg)								
C06 - C10	**925**	**1950**	**840**	ND	ND	ND	**986**	ND
C10 - C22	**3600**	**6190**	**1000**	ND	ND	ND	**3800**	ND
C22 - C32	ND	ND	ND	ND	ND	ND	ND	ND

Notes:
ND - analyte not detected
mg/Kg - milligrams per kilogram
ug/Kg - micrograms per kilogram

Original Table C-4 from the Foster Wheeler Closure Report in June 2003

Table C-4. Summary of Analytical Results for West POL Yard Excavation Confirmation Samples

Analyte	WPOLEX09	WPOLEX09A	WPOLEX09B	WPOLEX10	WPOLEX10D	WPOLEX11	WPOLEX11A	WPOLEX12
VOCs (ug/Kg)								
1,2,4-Trimethylbenzene	**719**	**437**	ND	ND	ND	ND	ND	**3240**
1,3,5-Trimethylbenzene	ND	**445**	ND	ND	ND	ND	ND	**471**
Ethylbenzene	ND	**1800**	ND	**1150**	ND	ND	ND	**1770**
Isopropylbenzene (Cumene)	**304 J**	**1070**	ND	**984**	**273 J**	ND	ND	**993**
n-Butylbenzene	**491 J**	**732**	ND	**604**	ND	**336 J**	ND	**3500**
n-Propylbenzene	**478 J**	**1850**	ND	**1640**	**426 J**	**147 J**	ND	**1780**
p-Isopropyltoluene	**417 J**	**1150**	ND	**311 J**	ND	**176 J**	ND	**1360**
sec-Butylbenzene	**618**	**2210**	ND	**2140**	**500**	**180 J**	ND	**1990**
Xylenes, total	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs (ug/Kg)								
2-Methylnaphthalene	**1020**	**2640**	ND	**1490**	**2330**	**10000**	ND	**7510**
Naphthalene	**426 J**	**1160**	ND	**757 J**	**963**	**910**	ND	**3390**
Petroleum Hydrocarbons (mg/Kg)								
C06 - C10	**350**	**600**	ND	**184**	**174**	**612**	ND	**630**
C10 - C22	**180**	**225**	**36**	**507**	**528**	**2080**	ND	**1960**
C22 - C32	ND	ND	ND	ND	ND	ND	ND	ND

Notes:
ND - analyte not detected
mg/Kg - milligrams per kilogram
ug/Kg - micrograms per kilogram

Original Table C-4 from the Foster Wheeler Closure Report in June 2003

Table C-4. Summary of Analytical Results for West POL Yard Excavation Confirmation Samples

Analyte	Sample ID							
	WPOLEX12A	WPOLEX13	WPOLEX14	WPOLEX15	WPOLEX16	WPOLEX17	WPOLEX18	WPOLEX18A
VOCs (ug/Kg)								
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	ND	**24200**	ND
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	ND	**99600**	ND
Ethylbenzene	ND	ND	ND	ND	ND	ND	**12400**	ND
Isopropylbenzene (Cumene)	ND	ND	ND	ND	ND	ND	**6860**	ND
n-Butylbenzene	ND	ND	ND	ND	ND	ND	**38900**	ND
n-Propylbenzene	ND	ND	ND	ND	ND	ND	**10200**	ND
p-Isopropyltoluene	ND	ND	ND	ND	ND	ND	**29400**	ND
sec-Butylbenzene	ND	ND	ND	ND	ND	ND	**21600**	ND
Xylenes, total	ND	ND	ND	ND	ND	ND	**12700**	ND
SVOCs (ug/Kg)								
2-Methylnaphthalene	ND	ND	ND	ND	ND	ND	**31100**	ND
Naphthalene	ND	ND	ND	ND	ND	ND	**46500**	ND
Petroleum Hydrocarbons (mg/Kg)								
C06 - C10	ND	ND	**41**	**175**	ND	ND	**7790**	ND
C10 - C22	ND	ND	**65**	**147**	ND	ND	**23600**	ND
C22 - C32	ND	ND	ND	ND	ND	ND	ND	ND

Notes:
ND - analyte not detected
mg/Kg - milligrams per kilogram
ug/Kg - micrograms per kilogram

Original Table C-4 from the Foster Wheeler Closure Report in June 2003

Table C-4. Summary of Analytical Results for West POL Yard Excavation Confirmation Samples

Analyte	WPOLEX19
VOCs (ug/Kg)	
1,2,4-Trimethylbenzene	**103000**
1,3,5-Trimethylbenzene	**22700**
Ethylbenzene	**16000**
Isopropylbenzene (Cumene)	**7640**
n-Butylbenzene	**36800**
n-Propylbenzene	**11400**
p-Isopropyltoluene	**31000**
sec-Butylbenzene	ND
Xylenes, total	**17500**
SVOCs (ug/Kg)	
2-Methylnaphthalene	**43700**
Naphthalene	**45100**
Petroleum Hydrocarbons (mg/Kg)	
C06 - C10	**13900**
C10 - C22	**35000**
C22 - C32	ND

Notes:
ND - analyte not detected
mg/Kg - milligrams per kilogram
ug/Kg - micrograms per kilogram

Original Table C-4 from the Foster Wheeler Closure Report in June 2003

ASSOCIATED LABORATORIES
806 North Batavia - Orange, California 92868 - 714/771-6900
FAX 714/538-1209

CLIENT Foster Wheeler Environmental Corp. (7935)
ATTN: James Morning
P.O. Box 540
HAFB, NM 88330

LAB REQUEST 103804
REPORTED 12/23/2002
RECEIVED 12/17/2002

PROJECT West POL

SUBMITTER Client

COMMENTS

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

Order No.	Client Sample Identification
399498	WPOLEX01
399499	WPOLEX02
399500	WPOLEX03
399501	WPOLEX04
399502	WPOLEX05
399503	WPOLEX06
399504	WPOLEX07
399505	WPOLEX08
399506	WPOLEX09
399507	WPOLEX10
399508	WPOLEX10D
399509	WPOLEX11
399510	WPOLEX12

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABORATORIES by,

Edward S. Behare, Ph.D.
Vice President

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

The reports of the Associated Laboratories are confidential property of our clients and may not be reproduced or used for publication in part or in full without our written permission. This is for the mutual protection of the public, our clients, and ourselves.

TESTING & CONSULTING
Chemical
Microbiological
Environmental

CLIENT Foster Wheeler Environmental Corp. (7935)
ATTN: James Morning
P.O. Box 540
HAFB, NM 88330

LAB REQUEST 103804

REPORTED 12/23/2002
RECEIVED 12/17/2002

PROJECT West POL

SUBMITTER Client

COMMENTS

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

Order No.	Client Sample Identification
399511	WPOLEX13
399512	WPOLEX14
399513	WPOLEX15
399514	WPOLEX16
399515	WPOLEX17
399516	WPOLEX18
399517	WPOLEX19
399518	Laboratory Method Blank

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABORATORIES by,

Edward B. Behare, Ph.D.
Vice President

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TESTING & CONSULTING
Chemical
Microbiological
Environmental

Order #: 399498
Matrix: SOLID
Date Sampled: 12/16/2002
Time Sampled: 07:30
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX01

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	925	10	200.0	mg/Kg	12/17/02	AF
C10 - C22	3600	10	300.0	mg/Kg	12/17/02	AF
C22 - C32	ND	1	50	mg/Kg	12/17/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	500	2500.0	ug/Kg	12/17/02	AM
1,1,1-Trichloroethane	ND	500	2500.0	ug/Kg	12/17/02	AM
1,1,2,2-Tetrachloroethane	ND	500	2500.0	ug/Kg	12/17/02	AM
1,1,2-Trichloroethane	ND	500	2500.0	ug/Kg	12/17/02	AM
1,1,2-Trichlorotrifluoroethane	ND	500	2500.0	ug/Kg	12/17/02	AM
1,1-Dichloroethane	ND	500	2500.0	ug/Kg	12/17/02	AM
1,1-Dichloroethene	ND	500	2500.0	ug/Kg	12/17/02	AM
1,1-Dichloropropene	ND	500	2500.0	ug/Kg	12/17/02	AM
1,2,3-Trichlorobenzene	ND	500	2500.0	ug/Kg	12/17/02	AM
1,2,3-Trichloropropane	ND	500	2500.0	ug/Kg	12/17/02	AM
1,2,4-Trichlorobenzene	ND	500	2500.0	ug/Kg	12/17/02	AM
1,2,4-Trimethylbenzene	77100	500	2500.0	ug/Kg	12/17/02	AM
1,2-Dibromo-3-chloropropane	ND	500	2500.0	ug/Kg	12/17/02	AM
1,2-Dibromoethane	ND	500	2500.0	ug/Kg	12/17/02	AM
1,2-Dichlorobenzene	ND	500	2500.0	ug/Kg	12/17/02	AM
1,2-Dichloroethane	ND	500	2500.0	ug/Kg	12/17/02	AM
1,2-Dichloropropane	ND	500	2500.0	ug/Kg	12/17/02	AM
1,3,5-Trimethylbenzene	15300	500	2500.0	ug/Kg	12/17/02	AM
1,3-Dichlorobenzene	ND	500	2500.0	ug/Kg	12/17/02	AM
1,3-Dichloropropane	ND	500	2500.0	ug/Kg	12/17/02	AM
1,4-Dichlorobenzene	ND	500	2500.0	ug/Kg	12/17/02	AM
1,4-Dioxane	ND	500	100000.0	ug/Kg	12/17/02	AM
1-Chlorohexane	ND	500	2500.0	ug/Kg	12/17/02	AM
2,2-Dichloropropane	ND	500	2500.0	ug/Kg	12/17/02	AM
2-Butanone (MEK)	ND	500	50000.0	ug/Kg	12/17/02	AM
2-Chloroethyl vinyl ether	ND	500	2500.0	ug/Kg	12/17/02	AM
2-Chlorotoluene	ND	500	2500.0	ug/Kg	12/17/02	AM
2-Hexanone	ND	500	2500.0	ug/Kg	12/17/02	AM
4-Chlorotoluene	ND	500	2500.0	ug/Kg	12/17/02	AM
4-Methyl -2- Pentanone	ND	500	2500.0	ug/Kg	12/17/02	AM
Acetone	ND	500	2500.0	ug/Kg	12/17/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399498
Matrix: SOLID
Date Sampled: 12/16/2002
Time Sampled: 07:30
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX01

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
Acetonitrile	ND	500	2500.0	ug/Kg	12/17/02	AM
Acrolein	ND	500	100000.0	ug/Kg	12/17/02	AM
Acrylonitrile	ND	500	2500.0	ug/Kg	12/17/02	AM
Allyl chloride	ND	500	2500.0	ug/Kg	12/17/02	AM
Benzene	ND	500	2500.0	ug/Kg	12/17/02	AM
Benzyl chloride	ND	500	2500.0	ug/Kg	12/17/02	AM
Bromobenzene	ND	500	2500.0	ug/Kg	12/17/02	AM
Bromochloromethane	ND	500	2500.0	ug/Kg	12/17/02	AM
Bromodichloromethane	ND	500	2500.0	ug/Kg	12/17/02	AM
Bromoform	ND	500	2500.0	ug/Kg	12/17/02	AM
Bromomethane	ND	500	2500.0	ug/Kg	12/17/02	AM
Carbon Disulfide	ND	500	2500.0	ug/Kg	12/17/02	AM
Carbon tetrachloride	ND	500	2500.0	ug/Kg	12/17/02	AM
Chlorobenzene	ND	500	2500.0	ug/Kg	12/17/02	AM
Chloroethane	ND	500	2500.0	ug/Kg	12/17/02	AM
Chloroform	ND	500	2500.0	ug/Kg	12/17/02	AM
Chloromethane	ND	500	2500.0	ug/Kg	12/17/02	AM
cis-1,2-Dichloroethene	ND	500	2500.0	ug/Kg	12/17/02	AM
cis-1,3-Dichloropropene	ND	500	2500.0	ug/Kg	12/17/02	AM
cis-1,4-Dichloro-2-butene	ND	500	2500.0	ug/Kg	12/17/02	AM
Dibromochloromethane	ND	500	2500.0	ug/Kg	12/17/02	AM
Dibromomethane	ND	500	2500.0	ug/Kg	12/17/02	AM
Dichlorodifluoromethane	ND	500	2500.0	ug/Kg	12/17/02	AM
Ethyl benzene	13400	500	2500.0	ug/Kg	12/17/02	AM
Ethyl methacrylate	ND	500	2500.0	ug/Kg	12/17/02	AM
Hexachlorobutadiene	ND	500	2500.0	ug/Kg	12/17/02	AM
Iodomethane	ND	500	2500.0	ug/Kg	12/17/02	AM
Isopropylbenzene (Cumene)	6950	500	2500.0	ug/Kg	12/17/02	AM
Methacrylonitrile	ND	500	2500.0	ug/Kg	12/17/02	AM
Methyl methacrylate	ND	500	2500.0	ug/Kg	12/17/02	AM
Methyl-tert-butylether (MTBE)	ND	500	2500.0	ug/Kg	12/17/02	AM
Methylene chloride	ND	500	2500.0	ug/Kg	12/17/02	AM
n-Butylbenzene	23800	500	2500.0	ug/Kg	12/17/02	AM
n-Propylbenzene	11900	500	2500.0	ug/Kg	12/17/02	AM
Naphthalene	36700	500	2500.0	ug/Kg	12/17/02	AM
p-Isopropyltoluene	20300	500	2500.0	ug/Kg	12/17/02	AM
Pentachloroethane	ND	500	2500.0	ug/Kg	12/17/02	AM
Propionitrile	ND	500	2500.0	ug/Kg	12/17/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399498
Matrix: SOLID
Date Sampled: 12/16/2002
Time Sampled: 07:30
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX01

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
sec-Butylbenzene	16200	500	2500.0	ug/Kg	12/17/02	AM
Styrene	ND	500	2500.0	ug/Kg	12/17/02	AM
tert-Butylbenzene	ND	500	2500.0	ug/Kg	12/17/02	AM
Tetrachloroethene	ND	500	2500.0	ug/Kg	12/17/02	AM
Toluene	ND	500	2500.0	ug/Kg	12/17/02	AM
trans-1,2-Dichloroethene	ND	500	2500.0	ug/Kg	12/17/02	AM
trans-1,3-Dichloropropene	ND	500	2500.0	ug/Kg	12/17/02	AM
trans-1,4-Dichloro-2-butene	ND	500	2500.0	ug/Kg	12/17/02	AM
Trichloroethene	ND	500	2500.0	ug/Kg	12/17/02	AM
Trichlorofluoromethane	ND	500	2500.0	ug/Kg	12/17/02	AM
Vinyl acetate	ND	500	25000.0	ug/Kg	12/17/02	AM
Vinyl chloride	ND	500	2500.0	ug/Kg	12/17/02	AM
Xylenes, total	6780	500	2500.0	ug/Kg	12/17/02	AM
Surrogates				**Units**	**Control Limits**	
1,2-Dichloroethane-d4 (sur)	107			%	70 - 130	
Dibromofluoromethane (sur)	119			%	70 - 130	
p-Bromofluorobenzene (sur)	131			%	70 - 130	
Toluene-d8 (sur)	92			%	70 - 130	

8270C Acid/Base/Neutral Extractables

1,2,4-Trichlorobenzene	ND	3	999.0	ug/Kg	12/18/02	DP
1,2-Dichlorobenzene	ND	3	999.0	ug/Kg	12/18/02	DP
1,3-Dichlorobenzene	ND	3	999.0	ug/Kg	12/18/02	DP
1,4-Dichlorobenzene	ND	3	999.0	ug/Kg	12/18/02	DP
2,4,5-Trichlorophenol	ND	3	4995.0	ug/Kg	12/18/02	DP
2,4,6-Trichlorophenol	ND	3	4995.0	ug/Kg	12/18/02	DP
2,4-Dichlorophenol	ND	3	999.0	ug/Kg	12/18/02	DP
2,4-Dimethylphenol	ND	3	999.0	ug/Kg	12/18/02	DP
2,4-Dinitrophenol	ND	3	4995.0	ug/Kg	12/18/02	DP
2,4-Dinitrotoluene	ND	3	999.0	ug/Kg	12/18/02	DP
2,6-Dinitrotoluene	ND	3	999.0	ug/Kg	12/18/02	DP
2-Chloronaphthalene	ND	3	999.0	ug/Kg	12/18/02	DP
2-Chlorophenol	ND	3	999.0	ug/Kg	12/18/02	DP
2-Methylnaphthalene	17100	3	999.0	ug/Kg	12/18/02	DP
2-Methylphenol	ND	3	999.0	ug/Kg	12/18/02	DP
2-Nitroaniline	ND	3	4995.0	ug/Kg	12/18/02	DP
2-Nitrophenol	ND	3	999.0	ug/Kg	12/18/02	DP

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Order #: 399498
Matrix: SOLID
Date Sampled: 12/16/2002
Time Sampled: 07:30
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX01

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	3	999.0	ug/Kg	12/18/02	DP
3-Nitroaniline	ND	3	4995.0	ug/Kg	12/18/02	DP
4,6-Dinitro-2-methylphenol	ND	3	4995.0	ug/Kg	12/18/02	DP
4-Bromophenyl-phenylether	ND	3	999.0	ug/Kg	12/18/02	DP
4-Chloro-3-methylphenol	ND	3	999.0	ug/Kg	12/18/02	DP
4-Chloroaniline	ND	3	999.0	ug/Kg	12/18/02	DP
4-Chlorophenyl-phenylether	ND	3	999.0	ug/Kg	12/18/02	DP
4-Methylphenol	ND	3	999.0	ug/Kg	12/18/02	DP
4-Nitroaniline	ND	3	4995.0	ug/Kg	12/18/02	DP
4-Nitrophenol	ND	3	4995.0	ug/Kg	12/18/02	DP
Acenaphthene	ND	3	999.0	ug/Kg	12/18/02	DP
Acenaphthylene	ND	3	999.0	ug/Kg	12/18/02	DP
Anthracene	ND	3	999.0	ug/Kg	12/18/02	DP
Benzidine	ND	3	999.0	ug/Kg	12/18/02	DP
Benzo(a)anthracene	ND	3	999.0	ug/Kg	12/18/02	DP
Benzo(a)pyrene	ND	3	999.0	ug/Kg	12/18/02	DP
Benzo(b)fluoranthene	ND	3	999.0	ug/Kg	12/18/02	DP
Benzo(g,h,i)perylene	ND	3	999.0	ug/Kg	12/18/02	DP
Benzo(k)fluoranthene	ND	3	999.0	ug/Kg	12/18/02	DP
Benzoic Acid	ND	3	999.0	ug/Kg	12/18/02	DP
Benzyl alcohol	ND	3	999.0	ug/Kg	12/18/02	DP
bis(2-Chloroethoxy)methane	ND	3	999.0	ug/Kg	12/18/02	DP
bis(2-Chloroethyl)ether	ND	3	999.0	ug/Kg	12/18/02	DP
bis(2-Chloroisopropyl) ether	ND	3	999.0	ug/Kg	12/18/02	DP
bis(2-Ethylhexyl)phthalate	ND	3	999.0	ug/Kg	12/18/02	DP
Butylbenzylphthalate	ND	3	999.0	ug/Kg	12/18/02	DP
Chrysene	ND	3	999.0	ug/Kg	12/18/02	DP
Di-n-butylphthalate	ND	3	999.0	ug/Kg	12/18/02	DP
Di-n-octylphthalate	ND	3	999.0	ug/Kg	12/18/02	DP
Dibenz(a,h)anthracene	ND	3	999.0	ug/Kg	12/18/02	DP
Dibenzofuran	ND	3	999.0	ug/Kg	12/18/02	DP
Diethylphthalate	ND	3	999.0	ug/Kg	12/18/02	DP
Dimethylphthalate	ND	3	999.0	ug/Kg	12/18/02	DP
Fluoranthene	ND	3	999.0	ug/Kg	12/18/02	DP
Fluorene	ND	3	999.0	ug/Kg	12/18/02	DP
Hexachlorobenzene	ND	3	999.0	ug/Kg	12/18/02	DP
Hexachlorobutadiene	ND	3	999.0	ug/Kg	12/18/02	DP
Hexachlorocyclopentadiene	ND	3	999.0	ug/Kg	12/18/02	DP

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Order #: 399498
Matrix: SOLID
Date Sampled: 12/16/2002
Time Sampled: 07:30
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX01

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Hexachloroethane	ND	3	999.0	ug/Kg	12/18/02	DP
Indeno(1,2,3-c,d)pyrene	ND	3	999.0	ug/Kg	12/18/02	DP
Isophorone	ND	3	999.0	ug/Kg	12/18/02	DP
N-Nitroso-di-n-propylamine	ND	3	999.0	ug/Kg	12/18/02	DP
N-Nitrosodiphenylamine	ND	3	999.0	ug/Kg	12/18/02	DP
Naphthalene	8020	3	999.0	ug/Kg	12/18/02	DP
Nitrobenzene	ND	3	999.0	ug/Kg	12/18/02	DP
Pentachlorophenol	ND	3	4995.0	ug/Kg	12/18/02	DP
Phenanthrene	ND	3	999.0	ug/Kg	12/18/02	DP
Phenol	ND	3	999.0	ug/Kg	12/18/02	DP
Pyrene	ND	3	999.0	ug/Kg	12/18/02	DP
Surrogates				**Units**	**Control Limits**	
2,4,6-Tribromophenol (sur)	79			%	17 - 122	
2-Fluorobiphenyl (sur)	82			%	30 - 115	
2-Fluorophenol (sur)	40			%	25 - 121	
Nitrobenzene-d5 (sur)	102			%	23 - 120	
Phenol-d5 (sur)	54			%	24 - 113	
Terphenyl-d14 (sur)	81			%	18 - 137	
8015M - Total Petroleum Hydrocarbons						
Gasoline	1320	100	500.0	mg/Kg	12/18/02	LT
Surrogates				**Units**	**Control Limits**	
a,a,a-Trifluorotoluene	78			%	55 - 156	

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Order #: 399499
Matrix: SOLID
Date Sampled: 12/16/2002
Time Sampled: 07:39
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX02

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	1950	10	200.0	mg/Kg	12/17/02	AF
C10 - C22	6190	10	300.0	mg/Kg	12/17/02	AF
C22 - C32	ND	1	50	mg/Kg	12/17/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	96	480.0	ug/Kg	12/17/02	AM
1,1,1-Trichloroethane	ND	96	480.0	ug/Kg	12/17/02	AM
1,1,2,2-Tetrachloroethane	ND	96	480.0	ug/Kg	12/17/02	AM
1,1,2-Trichloroethane	ND	96	480.0	ug/Kg	12/17/02	AM
1,1,2-Trichlorotrifluoroethane	ND	96	480.0	ug/Kg	12/17/02	AM
1,1-Dichloroethane	ND	96	480.0	ug/Kg	12/17/02	AM
1,1-Dichloroethene	ND	96	480.0	ug/Kg	12/17/02	AM
1,1-Dichloropropene	ND	96	480.0	ug/Kg	12/17/02	AM
1,2,3-Trichlorobenzene	ND	96	480.0	ug/Kg	12/17/02	AM
1,2,3-Trichloropropane	ND	96	480.0	ug/Kg	12/17/02	AM
1,2,4-Trichlorobenzene	ND	96	480.0	ug/Kg	12/17/02	AM
1,2,4-Trimethylbenzene	18000	96	480.0	ug/Kg	12/17/02	AM
1,2-Dibromo-3-chloropropane	ND	96	480.0	ug/Kg	12/17/02	AM
1,2-Dibromoethane	ND	96	480.0	ug/Kg	12/17/02	AM
1,2-Dichlorobenzene	ND	96	480.0	ug/Kg	12/17/02	AM
1,2-Dichloroethane	ND	96	480.0	ug/Kg	12/17/02	AM
1,2-Dichloropropane	ND	96	480.0	ug/Kg	12/17/02	AM
1,3,5-Trimethylbenzene	1670	96	480.0	ug/Kg	12/17/02	AM
1,3-Dichlorobenzene	ND	96	480.0	ug/Kg	12/17/02	AM
1,3-Dichloropropane	ND	96	480.0	ug/Kg	12/17/02	AM
1,4-Dichlorobenzene	ND	96	480.0	ug/Kg	12/17/02	AM
1,4-Dioxane	ND	96	19200.0	ug/Kg	12/17/02	AM
1-Chlorohexane	ND	96	480.0	ug/Kg	12/17/02	AM
2,2-Dichloropropane	ND	96	480.0	ug/Kg	12/17/02	AM
2-Butanone (MEK)	ND	96	9600.0	ug/Kg	12/17/02	AM
2-Chloroethyl vinyl ether	ND	96	480.0	ug/Kg	12/17/02	AM
2-Chlorotoluene	ND	96	480.0	ug/Kg	12/17/02	AM
2-Hexanone	ND	96	480.0	ug/Kg	12/17/02	AM
4-Chlorotoluene	ND	96	480.0	ug/Kg	12/17/02	AM
4-Methyl -2- Pentanone	ND	96	480.0	ug/Kg	12/17/02	AM
Acetone	ND	96	480.0	ug/Kg	12/17/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399499
Matrix: SOLID
Date Sampled: 12/16/2002
Time Sampled: 07:39
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX02

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
Acetonitrile	ND	96	480.0	ug/Kg	12/17/02	AM
Acrolein	ND	96	19200.0	ug/Kg	12/17/02	AM
Acrylonitrile	ND	96	480.0	ug/Kg	12/17/02	AM
Allyl chloride	ND	96	480.0	ug/Kg	12/17/02	AM
Benzene	ND	96	480.0	ug/Kg	12/17/02	AM
Benzyl chloride	ND	96	480.0	ug/Kg	12/17/02	AM
Bromobenzene	ND	96	480.0	ug/Kg	12/17/02	AM
Bromochloromethane	ND	96	480.0	ug/Kg	12/17/02	AM
Bromodichloromethane	ND	96	480.0	ug/Kg	12/17/02	AM
Bromoform	ND	96	480.0	ug/Kg	12/17/02	AM
Bromomethane	ND	96	480.0	ug/Kg	12/17/02	AM
Carbon Disulfide	ND	96	480.0	ug/Kg	12/17/02	AM
Carbon tetrachloride	ND	96	480.0	ug/Kg	12/17/02	AM
Chlorobenzene	ND	96	480.0	ug/Kg	12/17/02	AM
Chloroethane	ND	96	480.0	ug/Kg	12/17/02	AM
Chloroform	ND	96	480.0	ug/Kg	12/17/02	AM
Chloromethane	ND	96	480.0	ug/Kg	12/17/02	AM
cis-1,2-Dichloroethene	ND	96	480.0	ug/Kg	12/17/02	AM
cis-1,3-Dichloropropene	ND	96	480.0	ug/Kg	12/17/02	AM
cis-1,4-Dichloro-2-butene	ND	96	480.0	ug/Kg	12/17/02	AM
Dibromochloromethane	ND	96	480.0	ug/Kg	12/17/02	AM
Dibromomethane	ND	96	480.0	ug/Kg	12/17/02	AM
Dichlorodifluoromethane	ND	96	480.0	ug/Kg	12/17/02	AM
Ethyl benzene	3040	96	480.0	ug/Kg	12/17/02	AM
Ethyl methacrylate	ND	96	480.0	ug/Kg	12/17/02	AM
Hexachlorobutadiene	ND	96	480.0	ug/Kg	12/17/02	AM
Iodomethane	ND	96	480.0	ug/Kg	12/17/02	AM
Isopropylbenzene (Cumene)	1470	96	480.0	ug/Kg	12/17/02	AM
Methacrylonitrile	ND	96	480.0	ug/Kg	12/17/02	AM
Methyl methacrylate	ND	96	480.0	ug/Kg	12/17/02	AM
Methyl-tert-butylether (MTBE)	ND	96	480.0	ug/Kg	12/17/02	AM
Methylene chloride	ND	96	480.0	ug/Kg	12/17/02	AM
n-Butylbenzene	5830	96	480.0	ug/Kg	12/17/02	AM
n-Propylbenzene	2500	96	480.0	ug/Kg	12/17/02	AM
Naphthalene	6570	96	480.0	ug/Kg	12/17/02	AM
p-Isopropyltoluene	5600	96	480.0	ug/Kg	12/17/02	AM
Pentachloroethane	ND	96	480.0	ug/Kg	12/17/02	AM
Propionitrile	ND	96	480.0	ug/Kg	12/17/02	AM

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Order #: 399499 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** WPOLEX02
Date Sampled: 12/16/2002
Time Sampled: 07:39
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
sec-Butylbenzene	3630	96	480.0	ug/Kg	12/17/02	AM
Styrene	ND	96	480.0	ug/Kg	12/17/02	AM
tert-Butylbenzene	ND	96	480.0	ug/Kg	12/17/02	AM
Tetrachloroethene	ND	96	480.0	ug/Kg	12/17/02	AM
Toluene	ND	96	480.0	ug/Kg	12/17/02	AM
trans-1,2-Dichloroethene	ND	96	480.0	ug/Kg	12/17/02	AM
trans-1,3-Dichloropropene	ND	96	480.0	ug/Kg	12/17/02	AM
trans-1,4-Dichloro-2-butene	ND	96	480.0	ug/Kg	12/17/02	AM
Trichloroethene	ND	96	480.0	ug/Kg	12/17/02	AM
Trichlorofluoromethane	ND	96	480.0	ug/Kg	12/17/02	AM
Vinyl acetate	ND	96	4800.0	ug/Kg	12/17/02	AM
Vinyl chloride	ND	96	480.0	ug/Kg	12/17/02	AM
Xylenes, total	1480	96	480.0	ug/Kg	12/17/02	AM
Surrogates				**Units**	**Control Limits**	
1,2-Dichloroethane-d4 (sur)	100			%	70 - 130	
Dibromofluoromethane (sur)	115			%	70 - 130	
p-Bromofluorobenzene (sur)	130			%	70 - 130	
Toluene-d8 (sur)	90			%	70 - 130	
8270C Acid/Base/Neutral Extractables						
1,2,4-Trichlorobenzene	ND	3	999.0	ug/Kg	12/18/02	DP
1,2-Dichlorobenzene	ND	3	999.0	ug/Kg	12/18/02	DP
1,3-Dichlorobenzene	ND	3	999.0	ug/Kg	12/18/02	DP
1,4-Dichlorobenzene	ND	3	999.0	ug/Kg	12/18/02	DP
2,4,5-Trichlorophenol	ND	3	4995.0	ug/Kg	12/18/02	DP
2,4,6-Trichlorophenol	ND	3	4995.0	ug/Kg	12/18/02	DP
2,4-Dichlorophenol	ND	3	999.0	ug/Kg	12/18/02	DP
2,4-Dimethylphenol	ND	3	999.0	ug/Kg	12/18/02	DP
2,4-Dinitrophenol	ND	3	4995.0	ug/Kg	12/18/02	DP
2,4-Dinitrotoluene	ND	3	999.0	ug/Kg	12/18/02	DP
2,6-Dinitrotoluene	ND	3	999.0	ug/Kg	12/18/02	DP
2-Chloronaphthalene	ND	3	999.0	ug/Kg	12/18/02	DP
2-Chlorophenol	ND	3	999.0	ug/Kg	12/18/02	DP
2-Methylnaphthalene	15100	3	999.0	ug/Kg	12/18/02	DP
2-Methylphenol	ND	3	999.0	ug/Kg	12/18/02	DP
2-Nitroaniline	ND	3	4995.0	ug/Kg	12/18/02	DP
2-Nitrophenol	ND	3	999.0	ug/Kg	12/18/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399499 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** WPOLEX02
Date Sampled: 12/16/2002
Time Sampled: 07:39
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	3	999.0	ug/Kg	12/18/02	DP
3-Nitroaniline	ND	3	4995.0	ug/Kg	12/18/02	DP
4,6-Dinitro-2-methylphenol	ND	3	4995.0	ug/Kg	12/18/02	DP
4-Bromophenyl-phenylether	ND	3	999.0	ug/Kg	12/18/02	DP
4-Chloro-3-methylphenol	ND	3	999.0	ug/Kg	12/18/02	DP
4-Chloroaniline	ND	3	999.0	ug/Kg	12/18/02	DP
4-Chlorophenyl-phenylether	ND	3	999.0	ug/Kg	12/18/02	DP
4-Methylphenol	ND	3	999.0	ug/Kg	12/18/02	DP
4-Nitroaniline	ND	3	4995.0	ug/Kg	12/18/02	DP
4-Nitrophenol	ND	3	4995.0	ug/Kg	12/18/02	DP
Acenaphthene	ND	3	999.0	ug/Kg	12/18/02	DP
Acenaphthylene	ND	3	999.0	ug/Kg	12/18/02	DP
Anthracene	ND	3	999.0	ug/Kg	12/18/02	DP
Benzidine	ND	3	999.0	ug/Kg	12/18/02	DP
Benzo(a)anthracene	ND	3	999.0	ug/Kg	12/18/02	DP
Benzo(a)pyrene	ND	3	999.0	ug/Kg	12/18/02	DP
Benzo(b)fluoranthene	ND	3	999.0	ug/Kg	12/18/02	DP
Benzo(g,h,i)perylene	ND	3	999.0	ug/Kg	12/18/02	DP
Benzo(k)fluoranthene	ND	3	999.0	ug/Kg	12/18/02	DP
Benzoic Acid	ND	3	999.0	ug/Kg	12/18/02	DP
Benzyl alcohol	ND	3	999.0	ug/Kg	12/18/02	DP
bis(2-Chloroethoxy)methane	ND	3	999.0	ug/Kg	12/18/02	DP
bis(2-Chloroethyl)ether	ND	3	999.0	ug/Kg	12/18/02	DP
bis(2-Chloroisopropyl) ether	ND	3	999.0	ug/Kg	12/18/02	DP
bis(2-Ethylhexyl)phthalate	ND	3	999.0	ug/Kg	12/18/02	DP
Butylbenzylphthalate	ND	3	999.0	ug/Kg	12/18/02	DP
Chrysene	ND	3	999.0	ug/Kg	12/18/02	DP
Di-n-butylphthalate	ND	3	999.0	ug/Kg	12/18/02	DP
Di-n-octylphthalate	ND	3	999.0	ug/Kg	12/18/02	DP
Dibenz(a,h)anthracene	ND	3	999.0	ug/Kg	12/18/02	DP
Dibenzofuran	ND	3	999.0	ug/Kg	12/18/02	DP
Diethylphthalate	ND	3	999.0	ug/Kg	12/18/02	DP
Dimethylphthalate	ND	3	999.0	ug/Kg	12/18/02	DP
Fluoranthene	ND	3	999.0	ug/Kg	12/18/02	DP
Fluorene	ND	3	999.0	ug/Kg	12/18/02	DP
Hexachlorobenzene	ND	3	999.0	ug/Kg	12/18/02	DP
Hexachlorobutadiene	ND	3	999.0	ug/Kg	12/18/02	DP
Hexachlorocyclopentadiene	ND	3	999.0	ug/Kg	12/18/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399499 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** WPOLEX02
Date Sampled: 12/16/2002
Time Sampled: 07:39
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Hexachloroethane	ND	3	999.0	ug/Kg	12/18/02	DP
Indeno(1,2,3-c,d)pyrene	ND	3	999.0	ug/Kg	12/18/02	DP
Isophorone	ND	3	999.0	ug/Kg	12/18/02	DP
N-Nitroso-di-n-propylamine	ND	3	999.0	ug/Kg	12/18/02	DP
N-Nitrosodiphenylamine	ND	3	999.0	ug/Kg	12/18/02	DP
Naphthalene	7050	3	999.0	ug/Kg	12/18/02	DP
Nitrobenzene	ND	3	999.0	ug/Kg	12/18/02	DP
Pentachlorophenol	ND	3	4995.0	ug/Kg	12/18/02	DP
Phenanthrene	ND	3	999.0	ug/Kg	12/18/02	DP
Phenol	ND	3	999.0	ug/Kg	12/18/02	DP
Pyrene	ND	3	999.0	ug/Kg	12/18/02	DP
Surrogates				**Units**	**Control Limits**	
2,4,6-Tribromophenol (sur)	81			%	17 - 122	
2-Fluorobiphenyl (sur)	79			%	30 - 115	
2-Fluorophenol (sur)	42			%	25 - 121	
Nitrobenzene-d5 (sur)	116			%	23 - 120	
Phenol-d5 (sur)	51			%	24 - 113	
Terphenyl-d14 (sur)	74			%	18 - 137	
8015M - Total Petroleum Hydrocarbons						
Gasoline	1070	50	250.0	mg/Kg	12/18/02	LT
Surrogates				**Units**	**Control Limits**	
a,a,a-Trifluorotoluene	59			%	55 - 156	

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399500
Matrix: SOLID
Date Sampled: 12/16/2002
Time Sampled: 07:50
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX03

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	840	10	200.0	mg/Kg	12/17/02	AF
C10 - C22	1000	10	300.0	mg/Kg	12/17/02	AF
C22 - C32	ND	1	50	mg/Kg	12/17/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	107	535.0	ug/Kg	12/17/02	AM
1,1,1-Trichloroethane	ND	107	535.0	ug/Kg	12/17/02	AM
1,1,2,2-Tetrachloroethane	ND	107	535.0	ug/Kg	12/17/02	AM
1,1,2-Trichloroethane	ND	107	535.0	ug/Kg	12/17/02	AM
1,1,2-Trichlorotrifluoroethane	ND	107	535.0	ug/Kg	12/17/02	AM
1,1-Dichloroethane	ND	107	535.0	ug/Kg	12/17/02	AM
1,1-Dichloroethene	ND	107	535.0	ug/Kg	12/17/02	AM
1,1-Dichloropropene	ND	107	535.0	ug/Kg	12/17/02	AM
1,2,3-Trichlorobenzene	ND	107	535.0	ug/Kg	12/17/02	AM
1,2,3-Trichloropropane	ND	107	535.0	ug/Kg	12/17/02	AM
1,2,4-Trichlorobenzene	ND	107	535.0	ug/Kg	12/17/02	AM
1,2,4-Trimethylbenzene	2970	107	535.0	ug/Kg	12/17/02	AM
1,2-Dibromo-3-chloropropane	ND	107	535.0	ug/Kg	12/17/02	AM
1,2-Dibromoethane	ND	107	535.0	ug/Kg	12/17/02	AM
1,2-Dichlorobenzene	ND	107	535.0	ug/Kg	12/17/02	AM
1,2-Dichloroethane	ND	107	535.0	ug/Kg	12/17/02	AM
1,2-Dichloropropane	ND	107	535.0	ug/Kg	12/17/02	AM
1,3,5-Trimethylbenzene	624	107	535.0	ug/Kg	12/17/02	AM
1,3-Dichlorobenzene	ND	107	535.0	ug/Kg	12/17/02	AM
1,3-Dichloropropane	ND	107	535.0	ug/Kg	12/17/02	AM
1,4-Dichlorobenzene	ND	107	535.0	ug/Kg	12/17/02	AM
1,4-Dioxane	ND	107	21400.0	ug/Kg	12/17/02	AM
1-Chlorohexane	ND	107	535.0	ug/Kg	12/17/02	AM
2,2-Dichloropropane	ND	107	535.0	ug/Kg	12/17/02	AM
2-Butanone (MEK)	ND	107	10700.0	ug/Kg	12/17/02	AM
2-Chloroethyl vinyl ether	ND	107	535.0	ug/Kg	12/17/02	AM
2-Chlorotoluene	ND	107	535.0	ug/Kg	12/17/02	AM
2-Hexanone	ND	107	535.0	ug/Kg	12/17/02	AM
4-Chlorotoluene	ND	107	535.0	ug/Kg	12/17/02	AM
4-Methyl -2- Pentanone	ND	107	535.0	ug/Kg	12/17/02	AM
Acetone	ND	107	535.0	ug/Kg	12/17/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399500
Matrix: SOLID
Date Sampled: 12/16/2002
Time Sampled: 07:50
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX03

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
Acetonitrile	ND	107	535.0	ug/Kg	12/17/02	AM
Acrolein	ND	107	21400.0	ug/Kg	12/17/02	AM
Acrylonitrile	ND	107	535.0	ug/Kg	12/17/02	AM
Allyl chloride	ND	107	535.0	ug/Kg	12/17/02	AM
Benzene	ND	107	535.0	ug/Kg	12/17/02	AM
Benzyl chloride	ND	107	535.0	ug/Kg	12/17/02	AM
Bromobenzene	ND	107	535.0	ug/Kg	12/17/02	AM
Bromochloromethane	ND	107	535.0	ug/Kg	12/17/02	AM
Bromodichloromethane	ND	107	535.0	ug/Kg	12/17/02	AM
Bromoform	ND	107	535.0	ug/Kg	12/17/02	AM
Bromomethane	ND	107	535.0	ug/Kg	12/17/02	AM
Carbon Disulfide	ND	107	535.0	ug/Kg	12/17/02	AM
Carbon tetrachloride	ND	107	535.0	ug/Kg	12/17/02	AM
Chlorobenzene	ND	107	535.0	ug/Kg	12/17/02	AM
Chloroethane	ND	107	535.0	ug/Kg	12/17/02	AM
Chloroform	ND	107	535.0	ug/Kg	12/17/02	AM
Chloromethane	ND	107	535.0	ug/Kg	12/17/02	AM
cis-1,2-Dichloroethene	ND	107	535.0	ug/Kg	12/17/02	AM
cis-1,3-Dichloropropene	ND	107	535.0	ug/Kg	12/17/02	AM
cis-1,4-Dichloro-2-butene	ND	107	535.0	ug/Kg	12/17/02	AM
Dibromochloromethane	ND	107	535.0	ug/Kg	12/17/02	AM
Dibromomethane	ND	107	535.0	ug/Kg	12/17/02	AM
Dichlorodifluoromethane	ND	107	535.0	ug/Kg	12/17/02	AM
Ethyl benzene	2190	107	535.0	ug/Kg	12/17/02	AM
Ethyl methacrylate	ND	107	535.0	ug/Kg	12/17/02	AM
Hexachlorobutadiene	ND	107	535.0	ug/Kg	12/17/02	AM
Iodomethane	ND	107	535.0	ug/Kg	12/17/02	AM
Isopropylbenzene (Cumene)	930	107	535.0	ug/Kg	12/17/02	AM
Methacrylonitrile	ND	107	535.0	ug/Kg	12/17/02	AM
Methyl methacrylate	ND	107	535.0	ug/Kg	12/17/02	AM
Methyl-tert-butylether (MTBE)	ND	107	535.0	ug/Kg	12/17/02	AM
Methylene chloride	ND	107	535.0	ug/Kg	12/17/02	AM
n-Butylbenzene	1010	107	535.0	ug/Kg	12/17/02	AM
n-Propylbenzene	1370	107	535.0	ug/Kg	12/17/02	AM
Naphthalene	1750	107	535.0	ug/Kg	12/17/02	AM
p-Isopropyltoluene	881	107	535.0	ug/Kg	12/17/02	AM
Pentachloroethane	ND	107	535.0	ug/Kg	12/17/02	AM
Propionitrile	ND	107	535.0	ug/Kg	12/17/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399500 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** WPOLEX03
Date Sampled: 12/16/2002
Time Sampled: 07:50
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
sec-Butylbenzene	1160	107	535.0	ug/Kg	12/17/02	AM
Styrene	ND	107	535.0	ug/Kg	12/17/02	AM
tert-Butylbenzene	ND	107	535.0	ug/Kg	12/17/02	AM
Tetrachloroethene	ND	107	535.0	ug/Kg	12/17/02	AM
Toluene	ND	107	535.0	ug/Kg	12/17/02	AM
trans-1,2-Dichloroethene	ND	107	535.0	ug/Kg	12/17/02	AM
trans-1,3-Dichloropropene	ND	107	535.0	ug/Kg	12/17/02	AM
trans-1,4-Dichloro-2-butene	ND	107	535.0	ug/Kg	12/17/02	AM
Trichloroethene	ND	107	535.0	ug/Kg	12/17/02	AM
Trichlorofluoromethane	ND	107	535.0	ug/Kg	12/17/02	AM
Vinyl acetate	ND	107	5350.0	ug/Kg	12/17/02	AM
Vinyl chloride	ND	107	535.0	ug/Kg	12/17/02	AM
Xylenes, total	350	107	535.0	ug/Kg	12/17/02	AM
Surrogates				**Units**	**Control Limits**	
1,2-Dichloroethane-d4 (sur)	110			%	70 - 130	
Dibromofluoromethane (sur)	116			%	70 - 130	
p-Bromofluorobenzene (sur)	119			%	70 - 130	
Toluene-d8 (sur)	92			%	70 - 130	
8270C Acid/Base/Neutral Extractables						
1,2,4-Trichlorobenzene	ND	3	999.0	ug/Kg	12/18/02	DP
1,2-Dichlorobenzene	ND	3	999.0	ug/Kg	12/18/02	DP
1,3-Dichlorobenzene	ND	3	999.0	ug/Kg	12/18/02	DP
1,4-Dichlorobenzene	ND	3	999.0	ug/Kg	12/18/02	DP
2,4,5-Trichlorophenol	ND	3	4995.0	ug/Kg	12/18/02	DP
2,4,6-Trichlorophenol	ND	3	4995.0	ug/Kg	12/18/02	DP
2,4-Dichlorophenol	ND	3	999.0	ug/Kg	12/18/02	DP
2,4-Dimethylphenol	ND	3	999.0	ug/Kg	12/18/02	DP
2,4-Dinitrophenol	ND	3	4995.0	ug/Kg	12/18/02	DP
2,4-Dinitrotoluene	ND	3	999.0	ug/Kg	12/18/02	DP
2,6-Dinitrotoluene	ND	3	999.0	ug/Kg	12/18/02	DP
2-Chloronaphthalene	ND	3	999.0	ug/Kg	12/18/02	DP
2-Chlorophenol	ND	3	999.0	ug/Kg	12/18/02	DP
2-Methylnaphthalene	5660	3	999.0	ug/Kg	12/18/02	DP
2-Methylphenol	ND	3	999.0	ug/Kg	12/18/02	DP
2-Nitroaniline	ND	3	4995.0	ug/Kg	12/18/02	DP
2-Nitrophenol	ND	3	999.0	ug/Kg	12/18/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399500
Matrix: SOLID
Date Sampled: 12/16/2002
Time Sampled: 07:50
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX03

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	3	999.0	ug/Kg	12/18/02	DP
3-Nitroaniline	ND	3	4995.0	ug/Kg	12/18/02	DP
4,6-Dinitro-2-methylphenol	ND	3	4995.0	ug/Kg	12/18/02	DP
4-Bromophenyl-phenylether	ND	3	999.0	ug/Kg	12/18/02	DP
4-Chloro-3-methylphenol	ND	3	999.0	ug/Kg	12/18/02	DP
4-Chloroaniline	ND	3	999.0	ug/Kg	12/18/02	DP
4-Chlorophenyl-phenylether	ND	3	999.0	ug/Kg	12/18/02	DP
4-Methylphenol	ND	3	999.0	ug/Kg	12/18/02	DP
4-Nitroaniline	ND	3	4995.0	ug/Kg	12/18/02	DP
4-Nitrophenol	ND	3	4995.0	ug/Kg	12/18/02	DP
Acenaphthene	ND	3	999.0	ug/Kg	12/18/02	DP
Acenaphthylene	ND	3	999.0	ug/Kg	12/18/02	DP
Anthracene	ND	3	999.0	ug/Kg	12/18/02	DP
Benzidine	ND	3	999.0	ug/Kg	12/18/02	DP
Benzo(a)anthracene	ND	3	999.0	ug/Kg	12/18/02	DP
Benzo(a)pyrene	ND	3	999.0	ug/Kg	12/18/02	DP
Benzo(b)fluoranthene	ND	3	999.0	ug/Kg	12/18/02	DP
Benzo(g,h,i)perylene	ND	3	999.0	ug/Kg	12/18/02	DP
Benzo(k)fluoranthene	ND	3	999.0	ug/Kg	12/18/02	DP
Benzoic Acid	ND	3	999.0	ug/Kg	12/18/02	DP
Benzyl alcohol	ND	3	999.0	ug/Kg	12/18/02	DP
bis(2-Chloroethoxy)methane	ND	3	999.0	ug/Kg	12/18/02	DP
bis(2-Chloroethyl)ether	ND	3	999.0	ug/Kg	12/18/02	DP
bis(2-Chloroisopropyl) ether	ND	3	999.0	ug/Kg	12/18/02	DP
bis(2-Ethylhexyl)phthalate	ND	3	999.0	ug/Kg	12/18/02	DP
Butylbenzylphthalate	ND	3	999.0	ug/Kg	12/18/02	DP
Chrysene	ND	3	999.0	ug/Kg	12/18/02	DP
Di-n-butylphthalate	ND	3	999.0	ug/Kg	12/18/02	DP
Di-n-octylphthalate	ND	3	999.0	ug/Kg	12/18/02	DP
Dibenz(a,h)anthracene	ND	3	999.0	ug/Kg	12/18/02	DP
Dibenzofuran	ND	3	999.0	ug/Kg	12/18/02	DP
Diethylphthalate	ND	3	999.0	ug/Kg	12/18/02	DP
Dimethylphthalate	ND	3	999.0	ug/Kg	12/18/02	DP
Fluoranthene	ND	3	999.0	ug/Kg	12/18/02	DP
Fluorene	ND	3	999.0	ug/Kg	12/18/02	DP
Hexachlorobenzene	ND	3	999.0	ug/Kg	12/18/02	DP
Hexachlorobutadiene	ND	3	999.0	ug/Kg	12/18/02	DP
Hexachlorocyclopentadiene	ND	3	999.0	ug/Kg	12/18/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399500
Matrix: SOLID
Date Sampled: 12/16/2002
Time Sampled: 07:50
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX03

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Hexachloroethane	ND	3	999.0	ug/Kg	12/18/02	DP
Indeno(1,2,3-c,d)pyrene	ND	3	999.0	ug/Kg	12/18/02	DP
Isophorone	ND	3	999.0	ug/Kg	12/18/02	DP
N-Nitroso-di-n-propylamine	ND	3	999.0	ug/Kg	12/18/02	DP
N-Nitrosodiphenylamine	ND	3	999.0	ug/Kg	12/18/02	DP
Naphthalene	2540	3	999.0	ug/Kg	12/18/02	DP
Nitrobenzene	ND	3	999.0	ug/Kg	12/18/02	DP
Pentachlorophenol	ND	3	4995.0	ug/Kg	12/18/02	DP
Phenanthrene	ND	3	999.0	ug/Kg	12/18/02	DP
Phenol	ND	3	999.0	ug/Kg	12/18/02	DP
Pyrene	ND	3	999.0	ug/Kg	12/18/02	DP
Surrogates				**Units**	**Control Limits**	
2,4,6-Tribromophenol (sur)	114			%	17 - 122	
2-Fluorobiphenyl (sur)	84			%	30 - 115	
2-Fluorophenol (sur)	59			%	25 - 121	
Nitrobenzene-d5 (sur)	92			%	23 - 120	
Phenol-d5 (sur)	67			%	24 - 113	
Terphenyl-d14 (sur)	109			%	18 - 137	
8015M - Total Petroleum Hydrocarbons						
Gasoline	1030	100	500.0	mg/Kg	12/18/02	LT
Surrogates				**Units**	**Control Limits**	
a,a,a-Trifluorotoluene	73			%	55 - 156	

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399501
Matrix: SOLID
Date Sampled: 12/16/2002
Time Sampled: 07:59
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX04

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	12/18/02	AF
C10 - C22	ND	1	30	mg/Kg	12/18/02	AF
C22 - C32	ND	1	50	mg/Kg	12/18/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	12/17/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	12/17/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	12/17/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	12/17/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	12/17/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	12/17/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	12/17/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	12/17/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	12/17/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	12/17/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	12/17/02	AM
1,2,4-Trimethylbenzene	16	1	5	ug/Kg	12/17/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	12/17/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	12/17/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	12/17/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	12/17/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	12/17/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	12/17/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	12/17/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	12/17/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	12/17/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	12/17/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	12/17/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	12/17/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	12/17/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	12/17/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	12/17/02	AM
2-Hexanone	ND	1	5	ug/Kg	12/17/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	12/17/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	12/17/02	AM
Acetone	ND	1	5	ug/Kg	12/17/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399501
Matrix: SOLID
Date Sampled: 12/16/2002
Time Sampled: 07:59
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX04

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
Acetonitrile	ND	1	5	ug/Kg	12/17/02	AM
Acrolein	ND	1	200	ug/Kg	12/17/02	AM
Acrylonitrile	ND	1	5	ug/Kg	12/17/02	AM
Allyl chloride	ND	1	5	ug/Kg	12/17/02	AM
Benzene	ND	1	5	ug/Kg	12/17/02	AM
Benzyl chloride	ND	1	5	ug/Kg	12/17/02	AM
Bromobenzene	ND	1	5	ug/Kg	12/17/02	AM
Bromochloromethane	ND	1	5	ug/Kg	12/17/02	AM
Bromodichloromethane	ND	1	5	ug/Kg	12/17/02	AM
Bromoform	ND	1	5	ug/Kg	12/17/02	AM
Bromomethane	ND	1	5	ug/Kg	12/17/02	AM
Carbon Disulfide	ND	1	5	ug/Kg	12/17/02	AM
Carbon tetrachloride	ND	1	5	ug/Kg	12/17/02	AM
Chlorobenzene	ND	1	5	ug/Kg	12/17/02	AM
Chloroethane	ND	1	5	ug/Kg	12/17/02	AM
Chloroform	ND	1	5	ug/Kg	12/17/02	AM
Chloromethane	ND	1	5	ug/Kg	12/17/02	AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	12/17/02	AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	12/17/02	AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/17/02	AM
Dibromochloromethane	ND	1	5	ug/Kg	12/17/02	AM
Dibromomethane	ND	1	5	ug/Kg	12/17/02	AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	12/17/02	AM
Ethyl benzene	52	1	5	ug/Kg	12/17/02	AM
Ethyl methacrylate	ND	1	5	ug/Kg	12/17/02	AM
Hexachlorobutadiene	ND	1	5	ug/Kg	12/17/02	AM
Iodomethane	ND	1	5	ug/Kg	12/17/02	AM
Isopropylbenzene (Cumene)	19	1	5	ug/Kg	12/17/02	AM
Methacrylonitrile	ND	1	5	ug/Kg	12/17/02	AM
Methyl methacrylate	ND	1	5	ug/Kg	12/17/02	AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	12/17/02	AM
Methylene chloride	ND	1	5	ug/Kg	12/17/02	AM
n-Butylbenzene	3.3 J	1	5	ug/Kg	12/17/02	AM
n-Propylbenzene	15	1	5	ug/Kg	12/17/02	AM
Naphthalene	12	1	5	ug/Kg	12/17/02	AM
p-Isopropyltoluene	1.2 J	1	5	ug/Kg	12/17/02	AM
Pentachloroethane	ND	1	5	ug/Kg	12/17/02	AM
Propionitrile	ND	1	5	ug/Kg	12/17/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399501 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** WPOLEX04
Date Sampled: 12/16/2002
Time Sampled: 07:59
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
sec-Butylbenzene	10	1	5	ug/Kg	12/17/02	AM
Styrene	ND	1	5	ug/Kg	12/17/02	AM
tert-Butylbenzene	ND	1	5	ug/Kg	12/17/02	AM
Tetrachloroethene	ND	1	5	ug/Kg	12/17/02	AM
Toluene	ND	1	5	ug/Kg	12/17/02	AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	12/17/02	AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	12/17/02	AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/17/02	AM
Trichloroethene	ND	1	5	ug/Kg	12/17/02	AM
Trichlorofluoromethane	ND	1	5	ug/Kg	12/17/02	AM
Vinyl acetate	ND	1	50	ug/Kg	12/17/02	AM
Vinyl chloride	ND	1	5	ug/Kg	12/17/02	AM
Xylenes, total	14	1	5	ug/Kg	12/17/02	AM
Surrogates				**Units**	**Control Limits**	
1,2-Dichloroethane-d4 (sur)	108			%	70 - 130	
Dibromofluoromethane (sur)	118			%	70 - 130	
p-Bromofluorobenzene (sur)	111			%	70 - 130	
Toluene-d8 (sur)	103			%	70 - 130	
8270C Acid/Base/Neutral Extractables						
1,2,4-Trichlorobenzene	ND	3	999.0	ug/Kg	12/18/02	DP
1,2-Dichlorobenzene	ND	3	999.0	ug/Kg	12/18/02	DP
1,3-Dichlorobenzene	ND	3	999.0	ug/Kg	12/18/02	DP
1,4-Dichlorobenzene	ND	3	999.0	ug/Kg	12/18/02	DP
2,4,5-Trichlorophenol	ND	3	4995.0	ug/Kg	12/18/02	DP
2,4,6-Trichlorophenol	ND	3	4995.0	ug/Kg	12/18/02	DP
2,4-Dichlorophenol	ND	3	999.0	ug/Kg	12/18/02	DP
2,4-Dimethylphenol	ND	3	999.0	ug/Kg	12/18/02	DP
2,4-Dinitrophenol	ND	3	4995.0	ug/Kg	12/18/02	DP
2,4-Dinitrotoluene	ND	3	999.0	ug/Kg	12/18/02	DP
2,6-Dinitrotoluene	ND	3	999.0	ug/Kg	12/18/02	DP
2-Chloronaphthalene	ND	3	999.0	ug/Kg	12/18/02	DP
2-Chlorophenol	ND	3	999.0	ug/Kg	12/18/02	DP
2-Methylnaphthalene	ND	3	999.0	ug/Kg	12/18/02	DP
2-Methylphenol	ND	3	999.0	ug/Kg	12/18/02	DP
2-Nitroaniline	ND	3	4995.0	ug/Kg	12/18/02	DP
2-Nitrophenol	ND	3	999.0	ug/Kg	12/18/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399501
Matrix: SOLID
Date Sampled: 12/16/2002
Time Sampled: 07:59
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX04

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	3	999.0	ug/Kg	12/18/02	DP
3-Nitroaniline	ND	3	4995.0	ug/Kg	12/18/02	DP
4,6-Dinitro-2-methylphenol	ND	3	4995.0	ug/Kg	12/18/02	DP
4-Bromophenyl-phenylether	ND	3	999.0	ug/Kg	12/18/02	DP
4-Chloro-3-methylphenol	ND	3	999.0	ug/Kg	12/18/02	DP
4-Chloroaniline	ND	3	999.0	ug/Kg	12/18/02	DP
4-Chlorophenyl-phenylether	ND	3	999.0	ug/Kg	12/18/02	DP
4-Methylphenol	ND	3	999.0	ug/Kg	12/18/02	DP
4-Nitroaniline	ND	3	4995.0	ug/Kg	12/18/02	DP
4-Nitrophenol	ND	3	4995.0	ug/Kg	12/18/02	DP
Acenaphthene	ND	3	999.0	ug/Kg	12/18/02	DP
Acenaphthylene	ND	3	999.0	ug/Kg	12/18/02	DP
Anthracene	ND	3	999.0	ug/Kg	12/18/02	DP
Benzidine	ND	3	999.0	ug/Kg	12/18/02	DP
Benzo(a)anthracene	ND	3	999.0	ug/Kg	12/18/02	DP
Benzo(a)pyrene	ND	3	999.0	ug/Kg	12/18/02	DP
Benzo(b)fluoranthene	ND	3	999.0	ug/Kg	12/18/02	DP
Benzo(g,h,i)perylene	ND	3	999.0	ug/Kg	12/18/02	DP
Benzo(k)fluoranthene	ND	3	999.0	ug/Kg	12/18/02	DP
Benzoic Acid	ND	3	999.0	ug/Kg	12/18/02	DP
Benzyl alcohol	ND	3	999.0	ug/Kg	12/18/02	DP
bis(2-Chloroethoxy)methane	ND	3	999.0	ug/Kg	12/18/02	DP
bis(2-Chloroethyl)ether	ND	3	999.0	ug/Kg	12/18/02	DP
bis(2-Chloroisopropyl) ether	ND	3	999.0	ug/Kg	12/18/02	DP
bis(2-Ethylhexyl)phthalate	ND	3	999.0	ug/Kg	12/18/02	DP
Butylbenzylphthalate	ND	3	999.0	ug/Kg	12/18/02	DP
Chrysene	ND	3	999.0	ug/Kg	12/18/02	DP
Di-n-butylphthalate	ND	3	999.0	ug/Kg	12/18/02	DP
Di-n-octylphthalate	ND	3	999.0	ug/Kg	12/18/02	DP
Dibenz(a,h)anthracene	ND	3	999.0	ug/Kg	12/18/02	DP
Dibenzofuran	ND	3	999.0	ug/Kg	12/18/02	DP
Diethylphthalate	ND	3	999.0	ug/Kg	12/18/02	DP
Dimethylphthalate	ND	3	999.0	ug/Kg	12/18/02	DP
Fluoranthene	ND	3	999.0	ug/Kg	12/18/02	DP
Fluorene	ND	3	999.0	ug/Kg	12/18/02	DP
Hexachlorobenzene	ND	3	999.0	ug/Kg	12/18/02	DP
Hexachlorobutadiene	ND	3	999.0	ug/Kg	12/18/02	DP
Hexachlorocyclopentadiene	ND	3	999.0	ug/Kg	12/18/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399501 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** WPOLEX04
Date Sampled: 12/16/2002
Time Sampled: 07:59
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Hexachloroethane	ND	3	999.0	ug/Kg	12/18/02	DP
Indeno(1,2,3-c,d)pyrene	ND	3	999.0	ug/Kg	12/18/02	DP
Isophorone	ND	3	999.0	ug/Kg	12/18/02	DP
N-Nitroso-di-n-propylamine	ND	3	999.0	ug/Kg	12/18/02	DP
N-Nitrosodiphenylamine	ND	3	999.0	ug/Kg	12/18/02	DP
Naphthalene	ND	3	999.0	ug/Kg	12/18/02	DP
Nitrobenzene	ND	3	999.0	ug/Kg	12/18/02	DP
Pentachlorophenol	ND	3	4995.0	ug/Kg	12/18/02	DP
Phenanthrene	ND	3	999.0	ug/Kg	12/18/02	DP
Phenol	ND	3	999.0	ug/Kg	12/18/02	DP
Pyrene	ND	3	999.0	ug/Kg	12/18/02	DP
Surrogates				**Units**	**Control Limits**	
2,4,6-Tribromophenol (sur)	85			%	17 - 122	
2-Fluorobiphenyl (sur)	59			%	30 - 115	
2-Fluorophenol (sur)	44			%	25 - 121	
Nitrobenzene-d5 (sur)	55			%	23 - 120	
Phenol-d5 (sur)	44			%	24 - 113	
Terphenyl-d14 (sur)	81			%	18 - 137	
8015M - Total Petroleum Hydrocarbons						
Gasoline	ND	1	5	mg/Kg	12/17/02	LT
Surrogates				**Units**	**Control Limits**	
a,a,a-Trifluorotoluene	122			%	55 - 156	

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399502
Matrix: SOLID
Date Sampled: 12/16/2002
Time Sampled: 08:09
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX05

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	12/18/02	AF
C10 - C22	ND	1	30	mg/Kg	12/18/02	AF
C22 - C32	ND	1	50	mg/Kg	12/18/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	100	500.0	ug/Kg	12/17/02	AM
1,1,1-Trichloroethane	ND	100	500.0	ug/Kg	12/17/02	AM
1,1,2,2-Tetrachloroethane	ND	100	500.0	ug/Kg	12/17/02	AM
1,1,2-Trichloroethane	ND	100	500.0	ug/Kg	12/17/02	AM
1,1,2-Trichlorotrifluoroethane	ND	100	500.0	ug/Kg	12/17/02	AM
1,1-Dichloroethane	ND	100	500.0	ug/Kg	12/17/02	AM
1,1-Dichloroethene	ND	100	500.0	ug/Kg	12/17/02	AM
1,1-Dichloropropene	ND	100	500.0	ug/Kg	12/17/02	AM
1,2,3-Trichlorobenzene	ND	100	500.0	ug/Kg	12/17/02	AM
1,2,3-Trichloropropane	ND	100	500.0	ug/Kg	12/17/02	AM
1,2,4-Trichlorobenzene	ND	100	500.0	ug/Kg	12/17/02	AM
1,2,4-Trimethylbenzene	ND	100	500.0	ug/Kg	12/17/02	AM
1,2-Dibromo-3-chloropropane	ND	100	500.0	ug/Kg	12/17/02	AM
1,2-Dibromoethane	ND	100	500.0	ug/Kg	12/17/02	AM
1,2-Dichlorobenzene	ND	100	500.0	ug/Kg	12/17/02	AM
1,2-Dichloroethane	ND	100	500.0	ug/Kg	12/17/02	AM
1,2-Dichloropropane	ND	100	500.0	ug/Kg	12/17/02	AM
1,3,5-Trimethylbenzene	ND	100	500.0	ug/Kg	12/17/02	AM
1,3-Dichlorobenzene	ND	100	500.0	ug/Kg	12/17/02	AM
1,3-Dichloropropane	ND	100	500.0	ug/Kg	12/17/02	AM
1,4-Dichlorobenzene	ND	100	500.0	ug/Kg	12/17/02	AM
1,4-Dioxane	ND	100	20000.0	ug/Kg	12/17/02	AM
1-Chlorohexane	ND	100	500.0	ug/Kg	12/17/02	AM
2,2-Dichloropropane	ND	100	500.0	ug/Kg	12/17/02	AM
2-Butanone (MEK)	ND	100	10000.0	ug/Kg	12/17/02	AM
2-Chloroethyl vinyl ether	ND	100	500.0	ug/Kg	12/17/02	AM
2-Chlorotoluene	ND	100	500.0	ug/Kg	12/17/02	AM
2-Hexanone	ND	100	500.0	ug/Kg	12/17/02	AM
4-Chlorotoluene	ND	100	500.0	ug/Kg	12/17/02	AM
4-Methyl -2- Pentanone	ND	100	500.0	ug/Kg	12/17/02	AM
Acetone	ND	100	500.0	ug/Kg	12/17/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399502
Matrix: SOLID
Date Sampled: 12/16/2002
Time Sampled: 08:09
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX05

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
Acetonitrile	ND	100	500.0	ug/Kg	12/17/02	AM
Acrolein	ND	100	20000.0	ug/Kg	12/17/02	AM
Acrylonitrile	ND	100	500.0	ug/Kg	12/17/02	AM
Allyl chloride	ND	100	500.0	ug/Kg	12/17/02	AM
Benzene	ND	100	500.0	ug/Kg	12/17/02	AM
Benzyl chloride	ND	100	500.0	ug/Kg	12/17/02	AM
Bromobenzene	ND	100	500.0	ug/Kg	12/17/02	AM
Bromochloromethane	ND	100	500.0	ug/Kg	12/17/02	AM
Bromodichloromethane	ND	100	500.0	ug/Kg	12/17/02	AM
Bromoform	ND	100	500.0	ug/Kg	12/17/02	AM
Bromomethane	ND	100	500.0	ug/Kg	12/17/02	AM
Carbon Disulfide	ND	100	500.0	ug/Kg	12/17/02	AM
Carbon tetrachloride	ND	100	500.0	ug/Kg	12/17/02	AM
Chlorobenzene	ND	100	500.0	ug/Kg	12/17/02	AM
Chloroethane	ND	100	500.0	ug/Kg	12/17/02	AM
Chloroform	ND	100	500.0	ug/Kg	12/17/02	AM
Chloromethane	ND	100	500.0	ug/Kg	12/17/02	AM
cis-1,2-Dichloroethene	ND	100	500.0	ug/Kg	12/17/02	AM
cis-1,3-Dichloropropene	ND	100	500.0	ug/Kg	12/17/02	AM
cis-1,4-Dichloro-2-butene	ND	100	500.0	ug/Kg	12/17/02	AM
Dibromochloromethane	ND	100	500.0	ug/Kg	12/17/02	AM
Dibromomethane	ND	100	500.0	ug/Kg	12/17/02	AM
Dichlorodifluoromethane	ND	100	500.0	ug/Kg	12/17/02	AM
Ethyl benzene	ND	100	500.0	ug/Kg	12/17/02	AM
Ethyl methacrylate	ND	100	500.0	ug/Kg	12/17/02	AM
Hexachlorobutadiene	ND	100	500.0	ug/Kg	12/17/02	AM
Iodomethane	ND	100	500.0	ug/Kg	12/17/02	AM
Isopropylbenzene (Cumene)	ND	100	500.0	ug/Kg	12/17/02	AM
Methacrylonitrile	ND	100	500.0	ug/Kg	12/17/02	AM
Methyl methacrylate	ND	100	500.0	ug/Kg	12/17/02	AM
Methyl-tert-butylether (MTBE)	ND	100	500.0	ug/Kg	12/17/02	AM
Methylene chloride	ND	100	500.0	ug/Kg	12/17/02	AM
n-Butylbenzene	ND	100	500.0	ug/Kg	12/17/02	AM
n-Propylbenzene	ND	100	500.0	ug/Kg	12/17/02	AM
Naphthalene	ND	100	500.0	ug/Kg	12/17/02	AM
p-Isopropyltoluene	ND	100	500.0	ug/Kg	12/17/02	AM
Pentachloroethane	ND	100	500.0	ug/Kg	12/17/02	AM
Propionitrile	ND	100	500.0	ug/Kg	12/17/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399502 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** WPOLEX05
Date Sampled: 12/16/2002
Time Sampled: 08:09
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
sec-Butylbenzene	ND	100	500.0	ug/Kg	12/17/02	AM
Styrene	ND	100	500.0	ug/Kg	12/17/02	AM
tert-Butylbenzene	ND	100	500.0	ug/Kg	12/17/02	AM
Tetrachloroethene	ND	100	500.0	ug/Kg	12/17/02	AM
Toluene	ND	100	500.0	ug/Kg	12/17/02	AM
trans-1,2-Dichloroethene	ND	100	500.0	ug/Kg	12/17/02	AM
trans-1,3-Dichloropropene	ND	100	500.0	ug/Kg	12/17/02	AM
trans-1,4-Dichloro-2-butene	ND	100	500.0	ug/Kg	12/17/02	AM
Trichloroethene	ND	100	500.0	ug/Kg	12/17/02	AM
Trichlorofluoromethane	ND	100	500.0	ug/Kg	12/17/02	AM
Vinyl acetate	ND	100	5000.0	ug/Kg	12/17/02	AM
Vinyl chloride	ND	100	500.0	ug/Kg	12/17/02	AM
Xylenes, total	ND	100	500.0	ug/Kg	12/17/02	AM
Surrogates				**Units**	**Control Limits**	
1,2-Dichloroethane-d4 (sur)	111			%	70 - 130	
Dibromofluoromethane (sur)	120			%	70 - 130	
p-Bromofluorobenzene (sur)	116			%	70 - 130	
Toluene-d8 (sur)	89			%	70 - 130	
8270C Acid/Base/Neutral Extractables						
1,2,4-Trichlorobenzene	ND	3	999.0	ug/Kg	12/18/02	DP
1,2-Dichlorobenzene	ND	3	999.0	ug/Kg	12/18/02	DP
1,3-Dichlorobenzene	ND	3	999.0	ug/Kg	12/18/02	DP
1,4-Dichlorobenzene	ND	3	999.0	ug/Kg	12/18/02	DP
2,4,5-Trichlorophenol	ND	3	4995.0	ug/Kg	12/18/02	DP
2,4,6-Trichlorophenol	ND	3	4995.0	ug/Kg	12/18/02	DP
2,4-Dichlorophenol	ND	3	999.0	ug/Kg	12/18/02	DP
2,4-Dimethylphenol	ND	3	999.0	ug/Kg	12/18/02	DP
2,4-Dinitrophenol	ND	3	4995.0	ug/Kg	12/18/02	DP
2,4-Dinitrotoluene	ND	3	999.0	ug/Kg	12/18/02	DP
2,6-Dinitrotoluene	ND	3	999.0	ug/Kg	12/18/02	DP
2-Chloronaphthalene	ND	3	999.0	ug/Kg	12/18/02	DP
2-Chlorophenol	ND	3	999.0	ug/Kg	12/18/02	DP
2-Methylnaphthalene	ND	3	999.0	ug/Kg	12/18/02	DP
2-Methylphenol	ND	3	999.0	ug/Kg	12/18/02	DP
2-Nitroaniline	ND	3	4995.0	ug/Kg	12/18/02	DP
2-Nitrophenol	ND	3	999.0	ug/Kg	12/18/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399502
Matrix: SOLID
Date Sampled: 12/16/2002
Time Sampled: 08:09
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX05

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	3	999.0	ug/Kg	12/18/02	DP
3-Nitroaniline	ND	3	4995.0	ug/Kg	12/18/02	DP
4,6-Dinitro-2-methylphenol	ND	3	4995.0	ug/Kg	12/18/02	DP
4-Bromophenyl-phenylether	ND	3	999.0	ug/Kg	12/18/02	DP
4-Chloro-3-methylphenol	ND	3	999.0	ug/Kg	12/18/02	DP
4-Chloroaniline	ND	3	999.0	ug/Kg	12/18/02	DP
4-Chlorophenyl-phenylether	ND	3	999.0	ug/Kg	12/18/02	DP
4-Methylphenol	ND	3	999.0	ug/Kg	12/18/02	DP
4-Nitroaniline	ND	3	4995.0	ug/Kg	12/18/02	DP
4-Nitrophenol	ND	3	4995.0	ug/Kg	12/18/02	DP
Acenaphthene	ND	3	999.0	ug/Kg	12/18/02	DP
Acenaphthylene	ND	3	999.0	ug/Kg	12/18/02	DP
Anthracene	ND	3	999.0	ug/Kg	12/18/02	DP
Benzidine	ND	3	999.0	ug/Kg	12/18/02	DP
Benzo(a)anthracene	ND	3	999.0	ug/Kg	12/18/02	DP
Benzo(a)pyrene	ND	3	999.0	ug/Kg	12/18/02	DP
Benzo(b)fluoranthene	ND	3	999.0	ug/Kg	12/18/02	DP
Benzo(g,h,i)perylene	ND	3	999.0	ug/Kg	12/18/02	DP
Benzo(k)fluoranthene	ND	3	999.0	ug/Kg	12/18/02	DP
Benzoic Acid	ND	3	999.0	ug/Kg	12/18/02	DP
Benzyl alcohol	ND	3	999.0	ug/Kg	12/18/02	DP
bis(2-Chloroethoxy)methane	ND	3	999.0	ug/Kg	12/18/02	DP
bis(2-Chloroethyl)ether	ND	3	999.0	ug/Kg	12/18/02	DP
bis(2-Chloroisopropyl) ether	ND	3	999.0	ug/Kg	12/18/02	DP
bis(2-Ethylhexyl)phthalate	ND	3	999.0	ug/Kg	12/18/02	DP
Butylbenzylphthalate	ND	3	999.0	ug/Kg	12/18/02	DP
Chrysene	ND	3	999.0	ug/Kg	12/18/02	DP
Di-n-butylphthalate	ND	3	999.0	ug/Kg	12/18/02	DP
Di-n-octylphthalate	ND	3	999.0	ug/Kg	12/18/02	DP
Dibenz(a,h)anthracene	ND	3	999.0	ug/Kg	12/18/02	DP
Dibenzofuran	ND	3	999.0	ug/Kg	12/18/02	DP
Diethylphthalate	ND	3	999.0	ug/Kg	12/18/02	DP
Dimethylphthalate	ND	3	999.0	ug/Kg	12/18/02	DP
Fluoranthene	ND	3	999.0	ug/Kg	12/18/02	DP
Fluorene	ND	3	999.0	ug/Kg	12/18/02	DP
Hexachlorobenzene	ND	3	999.0	ug/Kg	12/18/02	DP
Hexachlorobutadiene	ND	3	999.0	ug/Kg	12/18/02	DP
Hexachlorocyclopentadiene	ND	3	999.0	ug/Kg	12/18/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399502
Matrix: SOLID
Date Sampled: 12/16/2002
Time Sampled: 08:09
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX05

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Hexachloroethane	ND	3	999.0	ug/Kg	12/18/02	DP
Indeno(1,2,3-c,d)pyrene	ND	3	999.0	ug/Kg	12/18/02	DP
Isophorone	ND	3	999.0	ug/Kg	12/18/02	DP
N-Nitroso-di-n-propylamine	ND	3	999.0	ug/Kg	12/18/02	DP
N-Nitrosodiphenylamine	ND	3	999.0	ug/Kg	12/18/02	DP
Naphthalene	ND	3	999.0	ug/Kg	12/18/02	DP
Nitrobenzene	ND	3	999.0	ug/Kg	12/18/02	DP
Pentachlorophenol	ND	3	4995.0	ug/Kg	12/18/02	DP
Phenanthrene	ND	3	999.0	ug/Kg	12/18/02	DP
Phenol	ND	3	999.0	ug/Kg	12/18/02	DP
Pyrene	ND	3	999.0	ug/Kg	12/18/02	DP
Surrogates				**Units**	**Control Limits**	
2,4,6-Tribromophenol (sur)	97			%	17 - 122	
2-Fluorobiphenyl (sur)	63			%	30 - 115	
2-Fluorophenol (sur)	46			%	25 - 121	
Nitrobenzene-d5 (sur)	59			%	23 - 120	
Phenol-d5 (sur)	48			%	24 - 113	
Terphenyl-d14 (sur)	108			%	18 - 137	

8015M - Total Petroleum Hydrocarbons

Gasoline	ND	1	5	mg/Kg	12/17/02	LT
Surrogates				**Units**	**Control Limits**	
a,a,a-Trifluorotoluene	105			%	55 - 156	

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399503 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** WPOLEX06
Date Sampled: 12/16/2002
Time Sampled: 08:19
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	12/18/02	AF
C10 - C22	ND	1	30	mg/Kg	12/18/02	AF
C22 - C32	ND	1	50	mg/Kg	12/18/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	12/17/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	12/17/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	12/17/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	12/17/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	12/17/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	12/17/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	12/17/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	12/17/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	12/17/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	12/17/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	12/17/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	12/17/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	12/17/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	12/17/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	12/17/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	12/17/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	12/17/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	12/17/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	12/17/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	12/17/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	12/17/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	12/17/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	12/17/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	12/17/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	12/17/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	12/17/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	12/17/02	AM
2-Hexanone	ND	1	5	ug/Kg	12/17/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	12/17/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	12/17/02	AM
Acetone	ND	1	5	ug/Kg	12/17/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399503
Matrix: SOLID
Date Sampled: 12/16/2002
Time Sampled: 08:19
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX06

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
Acetonitrile	ND	1	5	ug/Kg	12/17/02	AM
Acrolein	ND	1	200	ug/Kg	12/17/02	AM
Acrylonitrile	ND	1	5	ug/Kg	12/17/02	AM
Allyl chloride	ND	1	5	ug/Kg	12/17/02	AM
Benzene	ND	1	5	ug/Kg	12/17/02	AM
Benzyl chloride	ND	1	5	ug/Kg	12/17/02	AM
Bromobenzene	ND	1	5	ug/Kg	12/17/02	AM
Bromochloromethane	ND	1	5	ug/Kg	12/17/02	AM
Bromodichloromethane	ND	1	5	ug/Kg	12/17/02	AM
Bromoform	ND	1	5	ug/Kg	12/17/02	AM
Bromomethane	ND	1	5	ug/Kg	12/17/02	AM
Carbon Disulfide	ND	1	5	ug/Kg	12/17/02	AM
Carbon tetrachloride	ND	1	5	ug/Kg	12/17/02	AM
Chlorobenzene	ND	1	5	ug/Kg	12/17/02	AM
Chloroethane	ND	1	5	ug/Kg	12/17/02	AM
Chloroform	ND	1	5	ug/Kg	12/17/02	AM
Chloromethane	ND	1	5	ug/Kg	12/17/02	AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	12/17/02	AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	12/17/02	AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/17/02	AM
Dibromochloromethane	ND	1	5	ug/Kg	12/17/02	AM
Dibromomethane	ND	1	5	ug/Kg	12/17/02	AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	12/17/02	AM
Ethyl benzene	ND	1	5	ug/Kg	12/17/02	AM
Ethyl methacrylate	ND	1	5	ug/Kg	12/17/02	AM
Hexachlorobutadiene	ND	1	5	ug/Kg	12/17/02	AM
Iodomethane	ND	1	5	ug/Kg	12/17/02	AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	12/17/02	AM
m and p-Xylene	ND	1	5	ug/Kg	12/17/02	AM
Methacrylonitrile	ND	1	5	ug/Kg	12/17/02	AM
Methyl methacrylate	ND	1	5	ug/Kg	12/17/02	AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	12/17/02	AM
Methylene chloride	ND	1	5	ug/Kg	12/17/02	AM
n-Butylbenzene	ND	1	5	ug/Kg	12/17/02	AM
n-Propylbenzene	ND	1	5	ug/Kg	12/17/02	AM
Naphthalene	ND	1	5	ug/Kg	12/17/02	AM
o-Xylene	ND	1	5	ug/Kg	12/17/02	AM
p-Isopropyltoluene	ND	1	5	ug/Kg	12/17/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399503
Matrix: SOLID
Date Sampled: 12/16/2002
Time Sampled: 08:19
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX06

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
Pentachloroethane	ND	1	5	ug/Kg	12/17/02	AM
Propionitrile	ND	1	5	ug/Kg	12/17/02	AM
sec-Butylbenzene	ND	1	5	ug/Kg	12/17/02	AM
Styrene	ND	1	5	ug/Kg	12/17/02	AM
tert-Butylbenzene	ND	1	5	ug/Kg	12/17/02	AM
Tetrachloroethene	ND	1	5	ug/Kg	12/17/02	AM
Toluene	ND	1	5	ug/Kg	12/17/02	AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	12/17/02	AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	12/17/02	AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/17/02	AM
Trichloroethene	ND	1	5	ug/Kg	12/17/02	AM
Trichlorofluoromethane	ND	1	5	ug/Kg	12/17/02	AM
Vinyl acetate	ND	1	50	ug/Kg	12/17/02	AM
Vinyl chloride	ND	1	5	ug/Kg	12/17/02	AM
Xylenes, total	ND	1	5	ug/Kg	12/17/02	AM
Surrogates				**Units**	**Control Limits**	
1,2-Dichloroethane-d4 (sur)	113			%	70 - 130	
Dibromofluoromethane (sur)	118			%	70 - 130	
p-Bromofluorobenzene (sur)	108			%	70 - 130	
Toluene-d8 (sur)	105			%	70 - 130	

8270C Acid/Base/Neutral Extractables

1,2,4-Trichlorobenzene	ND	3	999.0	ug/Kg	12/18/02	DP
1,2-Dichlorobenzene	ND	3	999.0	ug/Kg	12/18/02	DP
1,3-Dichlorobenzene	ND	3	999.0	ug/Kg	12/18/02	DP
1,4-Dichlorobenzene	ND	3	999.0	ug/Kg	12/18/02	DP
2,4,5-Trichlorophenol	ND	3	4995.0	ug/Kg	12/18/02	DP
2,4,6-Trichlorophenol	ND	3	4995.0	ug/Kg	12/18/02	DP
2,4-Dichlorophenol	ND	3	999.0	ug/Kg	12/18/02	DP
2,4-Dimethylphenol	ND	3	999.0	ug/Kg	12/18/02	DP
2,4-Dinitrophenol	ND	3	4995.0	ug/Kg	12/18/02	DP
2,4-Dinitrotoluene	ND	3	999.0	ug/Kg	12/18/02	DP
2,6-Dinitrotoluene	ND	3	999.0	ug/Kg	12/18/02	DP
2-Chloronaphthalene	ND	3	999.0	ug/Kg	12/18/02	DP
2-Chlorophenol	ND	3	999.0	ug/Kg	12/18/02	DP
2-Methylnaphthalene	ND	3	999.0	ug/Kg	12/18/02	DP
2-Methylphenol	ND	3	999.0	ug/Kg	12/18/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399503
Matrix: SOLID
Date Sampled: 12/16/2002
Time Sampled: 08:19
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX06

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
2-Nitroaniline	ND	3	4995.0	ug/Kg	12/18/02	DP
2-Nitrophenol	ND	3	999.0	ug/Kg	12/18/02	DP
3,3-Dichlorobenzidine	ND	3	999.0	ug/Kg	12/18/02	DP
3-Nitroaniline	ND	3	4995.0	ug/Kg	12/18/02	DP
4,6-Dinitro-2-methylphenol	ND	3	4995.0	ug/Kg	12/18/02	DP
4-Bromophenyl-phenylether	ND	3	999.0	ug/Kg	12/18/02	DP
4-Chloro-3-methylphenol	ND	3	999.0	ug/Kg	12/18/02	DP
4-Chloroaniline	ND	3	999.0	ug/Kg	12/18/02	DP
4-Chlorophenyl-phenylether	ND	3	999.0	ug/Kg	12/18/02	DP
4-Methylphenol	ND	3	999.0	ug/Kg	12/18/02	DP
4-Nitroaniline	ND	3	4995.0	ug/Kg	12/18/02	DP
4-Nitrophenol	ND	3	4995.0	ug/Kg	12/18/02	DP
Acenaphthene	ND	3	999.0	ug/Kg	12/18/02	DP
Acenaphthylene	ND	3	999.0	ug/Kg	12/18/02	DP
Anthracene	ND	3	999.0	ug/Kg	12/18/02	DP
Benzidine	ND	3	999.0	ug/Kg	12/18/02	DP
Benzo(a)anthracene	ND	3	999.0	ug/Kg	12/18/02	DP
Benzo(a)pyrene	ND	3	999.0	ug/Kg	12/18/02	DP
Benzo(b)fluoranthene	ND	3	999.0	ug/Kg	12/18/02	DP
Benzo(g,h,i)perylene	ND	3	999.0	ug/Kg	12/18/02	DP
Benzo(k)fluoranthene	ND	3	999.0	ug/Kg	12/18/02	DP
Benzoic Acid	ND	3	999.0	ug/Kg	12/18/02	DP
Benzyl alcohol	ND	3	999.0	ug/Kg	12/18/02	DP
bis(2-Chloroethoxy)methane	ND	3	999.0	ug/Kg	12/18/02	DP
bis(2-Chloroethyl)ether	ND	3	999.0	ug/Kg	12/18/02	DP
bis(2-Chloroisopropyl) ether	ND	3	999.0	ug/Kg	12/18/02	DP
bis(2-Ethylhexyl)phthalate	ND	3	999.0	ug/Kg	12/18/02	DP
Butylbenzylphthalate	ND	3	999.0	ug/Kg	12/18/02	DP
Chrysene	ND	3	999.0	ug/Kg	12/18/02	DP
Di-n-butylphthalate	ND	3	999.0	ug/Kg	12/18/02	DP
Di-n-octylphthalate	ND	3	999.0	ug/Kg	12/18/02	DP
Dibenz(a,h)anthracene	ND	3	999.0	ug/Kg	12/18/02	DP
Dibenzofuran	ND	3	999.0	ug/Kg	12/18/02	DP
Diethylphthalate	ND	3	999.0	ug/Kg	12/18/02	DP
Dimethylphthalate	ND	3	999.0	ug/Kg	12/18/02	DP
Fluoranthene	ND	3	999.0	ug/Kg	12/18/02	DP
Fluorene	ND	3	999.0	ug/Kg	12/18/02	DP
Hexachlorobenzene	ND	3	999.0	ug/Kg	12/18/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399503
Matrix: SOLID
Date Sampled: 12/16/2002
Time Sampled: 08:19
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX06

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Hexachlorobutadiene	ND	3	999.0	ug/Kg	12/18/02	DP
Hexachlorocyclopentadiene	ND	3	999.0	ug/Kg	12/18/02	DP
Hexachloroethane	ND	3	999.0	ug/Kg	12/18/02	DP
Indeno(1,2,3-c,d)pyrene	ND	3	999.0	ug/Kg	12/18/02	DP
Isophorone	ND	3	999.0	ug/Kg	12/18/02	DP
N-Nitroso-di-n-propylamine	ND	3	999.0	ug/Kg	12/18/02	DP
N-Nitrosodiphenylamine	ND	3	999.0	ug/Kg	12/18/02	DP
Naphthalene	ND	3	999.0	ug/Kg	12/18/02	DP
Nitrobenzene	ND	3	999.0	ug/Kg	12/18/02	DP
Pentachlorophenol	ND	3	4995.0	ug/Kg	12/18/02	DP
Phenanthrene	ND	3	999.0	ug/Kg	12/18/02	DP
Phenol	ND	3	999.0	ug/Kg	12/18/02	DP
Pyrene	ND	3	999.0	ug/Kg	12/18/02	DP
Surrogates				**Units**	**Control Limits**	
2,4,6-Tribromophenol (sur)	78			%	17 - 122	
2-Fluorobiphenyl (sur)	56			%	30 - 115	
2-Fluorophenol (sur)	42			%	25 - 121	
Nitrobenzene-d5 (sur)	54			%	23 - 120	
Phenol-d5 (sur)	43			%	24 - 113	
Terphenyl-d14 (sur)	90			%	18 - 137	
8015M - Total Petroleum Hydrocarbons						
Gasoline	ND	1	5	mg/Kg	12/17/02	LT
Surrogates				**Units**	**Control Limits**	
a,a,a-Trifluorotoluene	108			%	55 - 156	

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399504
Matrix: SOLID
Date Sampled: 12/16/2002
Time Sampled: 08:28
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX07

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	986	10	200.0	mg/Kg	12/18/02	AF
C10 - C22	3800	10	300.0	mg/Kg	12/18/02	AF
C22 - C32	ND	1	50	mg/Kg	12/18/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	464	2320.0	ug/Kg	12/17/02	AM
1,1,1-Trichloroethane	ND	464	2320.0	ug/Kg	12/17/02	AM
1,1,2,2-Tetrachloroethane	ND	464	2320.0	ug/Kg	12/17/02	AM
1,1,2-Trichloroethane	ND	464	2320.0	ug/Kg	12/17/02	AM
1,1,2-Trichlorotrifluoroethane	ND	464	2320.0	ug/Kg	12/17/02	AM
1,1-Dichloroethane	ND	464	2320.0	ug/Kg	12/17/02	AM
1,1-Dichloroethene	ND	464	2320.0	ug/Kg	12/17/02	AM
1,1-Dichloropropene	ND	464	2320.0	ug/Kg	12/17/02	AM
1,2,3-Trichlorobenzene	ND	464	2320.0	ug/Kg	12/17/02	AM
1,2,3-Trichloropropane	ND	464	2320.0	ug/Kg	12/17/02	AM
1,2,4-Trichlorobenzene	ND	464	2320.0	ug/Kg	12/17/02	AM
1,2,4-Trimethylbenzene	15400	464	2320.0	ug/Kg	12/17/02	AM
1,2-Dibromo-3-chloropropane	ND	464	2320.0	ug/Kg	12/17/02	AM
1,2-Dibromoethane	ND	464	2320.0	ug/Kg	12/17/02	AM
1,2-Dichlorobenzene	ND	464	2320.0	ug/Kg	12/17/02	AM
1,2-Dichloroethane	ND	464	2320.0	ug/Kg	12/17/02	AM
1,2-Dichloropropane	ND	464	2320.0	ug/Kg	12/17/02	AM
1,3,5-Trimethylbenzene	1920 J	464	2320.0	ug/Kg	12/17/02	AM
1,3-Dichlorobenzene	ND	464	2320.0	ug/Kg	12/17/02	AM
1,3-Dichloropropane	ND	464	2320.0	ug/Kg	12/17/02	AM
1,4-Dichlorobenzene	ND	464	2320.0	ug/Kg	12/17/02	AM
1,4-Dioxane	ND	464	92800.0	ug/Kg	12/17/02	AM
1-Chlorohexane	ND	464	2320.0	ug/Kg	12/17/02	AM
2,2-Dichloropropane	ND	464	2320.0	ug/Kg	12/17/02	AM
2-Butanone (MEK)	ND	464	46400.0	ug/Kg	12/17/02	AM
2-Chloroethyl vinyl ether	ND	464	2320.0	ug/Kg	12/17/02	AM
2-Chlorotoluene	ND	464	2320.0	ug/Kg	12/17/02	AM
2-Hexanone	ND	464	2320.0	ug/Kg	12/17/02	AM
4-Chlorotoluene	ND	464	2320.0	ug/Kg	12/17/02	AM
4-Methyl -2- Pentanone	ND	464	2320.0	ug/Kg	12/17/02	AM
Acetone	ND	464	2320.0	ug/Kg	12/17/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399504
Matrix: SOLID
Date Sampled: 12/16/2002
Time Sampled: 08:28
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX07

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
Acetonitrile	ND	464	2320.0	ug/Kg	12/17/02	AM
Acrolein	ND	464	92800.0	ug/Kg	12/17/02	AM
Acrylonitrile	ND	464	2320.0	ug/Kg	12/17/02	AM
Allyl chloride	ND	464	2320.0	ug/Kg	12/17/02	AM
Benzene	ND	464	2320.0	ug/Kg	12/17/02	AM
Benzyl chloride	ND	464	2320.0	ug/Kg	12/17/02	AM
Bromobenzene	ND	464	2320.0	ug/Kg	12/17/02	AM
Bromochloromethane	ND	464	2320.0	ug/Kg	12/17/02	AM
Bromodichloromethane	ND	464	2320.0	ug/Kg	12/17/02	AM
Bromoform	ND	464	2320.0	ug/Kg	12/17/02	AM
Bromomethane	ND	464	2320.0	ug/Kg	12/17/02	AM
Carbon Disulfide	ND	464	2320.0	ug/Kg	12/17/02	AM
Carbon tetrachloride	ND	464	2320.0	ug/Kg	12/17/02	AM
Chlorobenzene	ND	464	2320.0	ug/Kg	12/17/02	AM
Chloroethane	ND	464	2320.0	ug/Kg	12/17/02	AM
Chloroform	ND	464	2320.0	ug/Kg	12/17/02	AM
Chloromethane	ND	464	2320.0	ug/Kg	12/17/02	AM
cis-1,2-Dichloroethene	ND	464	2320.0	ug/Kg	12/17/02	AM
cis-1,3-Dichloropropene	ND	464	2320.0	ug/Kg	12/17/02	AM
cis-1,4-Dichloro-2-butene	ND	464	2320.0	ug/Kg	12/17/02	AM
Dibromochloromethane	ND	464	2320.0	ug/Kg	12/17/02	AM
Dibromomethane	ND	464	2320.0	ug/Kg	12/17/02	AM
Dichlorodifluoromethane	ND	464	2320.0	ug/Kg	12/17/02	AM
Ethyl benzene	6730	464	2320.0	ug/Kg	12/17/02	AM
Ethyl methacrylate	ND	464	2320.0	ug/Kg	12/17/02	AM
Hexachlorobutadiene	ND	464	2320.0	ug/Kg	12/17/02	AM
Iodomethane	ND	464	2320.0	ug/Kg	12/17/02	AM
Isopropylbenzene (Cumene)	3650	464	2320.0	ug/Kg	12/17/02	AM
Methacrylonitrile	ND	464	2320.0	ug/Kg	12/17/02	AM
Methyl methacrylate	ND	464	2320.0	ug/Kg	12/17/02	AM
Methyl-tert-butylether (MTBE)	ND	464	2320.0	ug/Kg	12/17/02	AM
Methylene chloride	ND	464	2320.0	ug/Kg	12/17/02	AM
n-Butylbenzene	5300	464	2320.0	ug/Kg	12/17/02	AM
n-Propylbenzene	5900	464	2320.0	ug/Kg	12/17/02	AM
Naphthalene	5030	464	2320.0	ug/Kg	12/17/02	AM
p-Isopropyltoluene	4420	464	2320.0	ug/Kg	12/17/02	AM
Pentachloroethane	ND	464	2320.0	ug/Kg	12/17/02	AM
Propionitrile	ND	464	2320.0	ug/Kg	12/17/02	AM

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Order #: 399504
Matrix: SOLID
Date Sampled: 12/16/2002
Time Sampled: 08:28
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX07

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
sec-Butylbenzene	6240	464	2320.0	ug/Kg	12/17/02	AM
Styrene	ND	464	2320.0	ug/Kg	12/17/02	AM
tert-Butylbenzene	ND	464	2320.0	ug/Kg	12/17/02	AM
Tetrachloroethene	ND	464	2320.0	ug/Kg	12/17/02	AM
Toluene	ND	464	2320.0	ug/Kg	12/17/02	AM
trans-1,2-Dichloroethene	ND	464	2320.0	ug/Kg	12/17/02	AM
trans-1,3-Dichloropropene	ND	464	2320.0	ug/Kg	12/17/02	AM
trans-1,4-Dichloro-2-butene	ND	464	2320.0	ug/Kg	12/17/02	AM
Trichloroethene	ND	464	2320.0	ug/Kg	12/17/02	AM
Trichlorofluoromethane	ND	464	2320.0	ug/Kg	12/17/02	AM
Vinyl acetate	ND	464	23200.0	ug/Kg	12/17/02	AM
Vinyl chloride	ND	464	2320.0	ug/Kg	12/17/02	AM
Xylenes, total	533 J	464	2320.0	ug/Kg	12/17/02	AM
Surrogates				**Units**	**Control Limits**	
1,2-Dichloroethane-d4 (sur)	113			%	70 - 130	
Dibromofluoromethane (sur)	119			%	70 - 130	
p-Bromofluorobenzene (sur)	111			%	70 - 130	
Toluene-d8 (sur)	98			%	70 - 130	
8270C Acid/Base/Neutral Extractables						
1,2,4-Trichlorobenzene	ND	3	999.0	ug/Kg	12/18/02	DP
1,2-Dichlorobenzene	ND	3	999.0	ug/Kg	12/18/02	DP
1,3-Dichlorobenzene	ND	3	999.0	ug/Kg	12/18/02	DP
1,4-Dichlorobenzene	ND	3	999.0	ug/Kg	12/18/02	DP
2,4,5-Trichlorophenol	ND	3	4995.0	ug/Kg	12/18/02	DP
2,4,6-Trichlorophenol	ND	3	4995.0	ug/Kg	12/18/02	DP
2,4-Dichlorophenol	ND	3	999.0	ug/Kg	12/18/02	DP
2,4-Dimethylphenol	ND	3	999.0	ug/Kg	12/18/02	DP
2,4-Dinitrophenol	ND	3	4995.0	ug/Kg	12/18/02	DP
2,4-Dinitrotoluene	ND	3	999.0	ug/Kg	12/18/02	DP
2,6-Dinitrotoluene	ND	3	999.0	ug/Kg	12/18/02	DP
2-Chloronaphthalene	ND	3	999.0	ug/Kg	12/18/02	DP
2-Chlorophenol	ND	3	999.0	ug/Kg	12/18/02	DP
2-Methylnaphthalene	5630	3	999.0	ug/Kg	12/18/02	DP
2-Methylphenol	ND	3	999.0	ug/Kg	12/18/02	DP
2-Nitroaniline	ND	3	4995.0	ug/Kg	12/18/02	DP
2-Nitrophenol	ND	3	999.0	ug/Kg	12/18/02	DP

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Order #: 399504
Matrix: SOLID
Date Sampled: 12/16/2002
Time Sampled: 08:28
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX07

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	3	999.0	ug/Kg	12/18/02	DP
3-Nitroaniline	ND	3	4995.0	ug/Kg	12/18/02	DP
4,6-Dinitro-2-methylphenol	ND	3	4995.0	ug/Kg	12/18/02	DP
4-Bromophenyl-phenylether	ND	3	999.0	ug/Kg	12/18/02	DP
4-Chloro-3-methylphenol	ND	3	999.0	ug/Kg	12/18/02	DP
4-Chloroaniline	ND	3	999.0	ug/Kg	12/18/02	DP
4-Chlorophenyl-phenylether	ND	3	999.0	ug/Kg	12/18/02	DP
4-Methylphenol	ND	3	999.0	ug/Kg	12/18/02	DP
4-Nitroaniline	ND	3	4995.0	ug/Kg	12/18/02	DP
4-Nitrophenol	ND	3	4995.0	ug/Kg	12/18/02	DP
Acenaphthene	ND	3	999.0	ug/Kg	12/18/02	DP
Acenaphthylene	ND	3	999.0	ug/Kg	12/18/02	DP
Anthracene	ND	3	999.0	ug/Kg	12/18/02	DP
Benzidine	ND	3	999.0	ug/Kg	12/18/02	DP
Benzo(a)anthracene	ND	3	999.0	ug/Kg	12/18/02	DP
Benzo(a)pyrene	ND	3	999.0	ug/Kg	12/18/02	DP
Benzo(b)fluoranthene	ND	3	999.0	ug/Kg	12/18/02	DP
Benzo(g,h,i)perylene	ND	3	999.0	ug/Kg	12/18/02	DP
Benzo(k)fluoranthene	ND	3	999.0	ug/Kg	12/18/02	DP
Benzoic Acid	ND	3	999.0	ug/Kg	12/18/02	DP
Benzyl alcohol	ND	3	999.0	ug/Kg	12/18/02	DP
bis(2-Chloroethoxy)methane	ND	3	999.0	ug/Kg	12/18/02	DP
bis(2-Chloroethyl)ether	ND	3	999.0	ug/Kg	12/18/02	DP
bis(2-Chloroisopropyl) ether	ND	3	999.0	ug/Kg	12/18/02	DP
bis(2-Ethylhexyl)phthalate	ND	3	999.0	ug/Kg	12/18/02	DP
Butylbenzylphthalate	ND	3	999.0	ug/Kg	12/18/02	DP
Chrysene	ND	3	999.0	ug/Kg	12/18/02	DP
Di-n-butylphthalate	ND	3	999.0	ug/Kg	12/18/02	DP
Di-n-octylphthalate	ND	3	999.0	ug/Kg	12/18/02	DP
Dibenz(a,h)anthracene	ND	3	999.0	ug/Kg	12/18/02	DP
Dibenzofuran	ND	3	999.0	ug/Kg	12/18/02	DP
Diethylphthalate	ND	3	999.0	ug/Kg	12/18/02	DP
Dimethylphthalate	ND	3	999.0	ug/Kg	12/18/02	DP
Fluoranthene	ND	3	999.0	ug/Kg	12/18/02	DP
Fluorene	ND	3	999.0	ug/Kg	12/18/02	DP
Hexachlorobenzene	ND	3	999.0	ug/Kg	12/18/02	DP
Hexachlorobutadiene	ND	3	999.0	ug/Kg	12/18/02	DP
Hexachlorocyclopentadiene	ND	3	999.0	ug/Kg	12/18/02	DP

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Order #: 399504
Matrix: SOLID
Date Sampled: 12/16/2002
Time Sampled: 08:28
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX07

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Hexachloroethane	ND	3	999.0	ug/Kg	12/18/02	DP
Indeno(1,2,3-c,d)pyrene	ND	3	999.0	ug/Kg	12/18/02	DP
Isophorone	ND	3	999.0	ug/Kg	12/18/02	DP
N-Nitroso-di-n-propylamine	ND	3	999.0	ug/Kg	12/18/02	DP
N-Nitrosodiphenylamine	ND	3	999.0	ug/Kg	12/18/02	DP
Naphthalene	3940	3	999.0	ug/Kg	12/18/02	DP
Nitrobenzene	ND	3	999.0	ug/Kg	12/18/02	DP
Pentachlorophenol	ND	3	4995.0	ug/Kg	12/18/02	DP
Phenanthrene	ND	3	999.0	ug/Kg	12/18/02	DP
Phenol	ND	3	999.0	ug/Kg	12/18/02	DP
Pyrene	ND	3	999.0	ug/Kg	12/18/02	DP
Surrogates				**Units**	**Control Limits**	
2,4,6-Tribromophenol (sur)	79			%	17 - 122	
2-Fluorobiphenyl (sur)	76			%	30 - 115	
2-Fluorophenol (sur)	60			%	25 - 121	
Nitrobenzene-d5 (sur)	115			%	23 - 120	
Phenol-d5 (sur)	68			%	24 - 113	
Terphenyl-d14 (sur)	93			%	18 - 137	
8015M - Total Petroleum Hydrocarbons						
Gasoline	627	50	250.0	mg/Kg	12/18/02	LT
Surrogates				**Units**	**Control Limits**	
a,a,a-Trifluorotoluene	65			%	55 - 156	

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Order #: 399505
Matrix: SOLID
Date Sampled: 12/16/2002
Time Sampled: 08:38
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX08

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	12/18/02	AF
C10 - C22	ND	1	30	mg/Kg	12/18/02	AF
C22 - C32	ND	1	50	mg/Kg	12/18/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	12/17/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	12/17/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	12/17/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	12/17/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	12/17/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	12/17/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	12/17/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	12/17/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	12/17/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	12/17/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	12/17/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	12/17/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	12/17/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	12/17/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	12/17/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	12/17/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	12/17/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	12/17/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	12/17/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	12/17/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	12/17/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	12/17/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	12/17/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	12/17/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	12/17/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	12/17/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	12/17/02	AM
2-Hexanone	ND	1	5	ug/Kg	12/17/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	12/17/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	12/17/02	AM
Acetone	ND	1	5	ug/Kg	12/17/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399505 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** WPOLEX08
Date Sampled: 12/16/2002
Time Sampled: 08:38
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
Acetonitrile	ND	1	5	ug/Kg	12/17/02	AM
Acrolein	ND	1	200	ug/Kg	12/17/02	AM
Acrylonitrile	ND	1	5	ug/Kg	12/17/02	AM
Allyl chloride	ND	1	5	ug/Kg	12/17/02	AM
Benzene	ND	1	5	ug/Kg	12/17/02	AM
Benzyl chloride	ND	1	5	ug/Kg	12/17/02	AM
Bromobenzene	ND	1	5	ug/Kg	12/17/02	AM
Bromochloromethane	ND	1	5	ug/Kg	12/17/02	AM
Bromodichloromethane	ND	1	5	ug/Kg	12/17/02	AM
Bromoform	ND	1	5	ug/Kg	12/17/02	AM
Bromomethane	ND	1	5	ug/Kg	12/17/02	AM
Carbon Disulfide	ND	1	5	ug/Kg	12/17/02	AM
Carbon tetrachloride	ND	1	5	ug/Kg	12/17/02	AM
Chlorobenzene	ND	1	5	ug/Kg	12/17/02	AM
Chloroethane	ND	1	5	ug/Kg	12/17/02	AM
Chloroform	ND	1	5	ug/Kg	12/17/02	AM
Chloromethane	ND	1	5	ug/Kg	12/17/02	AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	12/17/02	AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	12/17/02	AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/17/02	AM
Dibromochloromethane	ND	1	5	ug/Kg	12/17/02	AM
Dibromomethane	ND	1	5	ug/Kg	12/17/02	AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	12/17/02	AM
Ethyl benzene	ND	1	5	ug/Kg	12/17/02	AM
Ethyl methacrylate	ND	1	5	ug/Kg	12/17/02	AM
Hexachlorobutadiene	ND	1	5	ug/Kg	12/17/02	AM
Iodomethane	ND	1	5	ug/Kg	12/17/02	AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	12/17/02	AM
Methacrylonitrile	ND	1	5	ug/Kg	12/17/02	AM
Methyl methacrylate	ND	1	5	ug/Kg	12/17/02	AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	12/17/02	AM
Methylene chloride	ND	1	5	ug/Kg	12/17/02	AM
n-Butylbenzene	ND	1	5	ug/Kg	12/17/02	AM
n-Propylbenzene	ND	1	5	ug/Kg	12/17/02	AM
Naphthalene	ND	1	5	ug/Kg	12/17/02	AM
p-Isopropyltoluene	ND	1	5	ug/Kg	12/17/02	AM
Pentachloroethane	ND	1	5	ug/Kg	12/17/02	AM
Propionitrile	ND	1	5	ug/Kg	12/17/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399505 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** WPOLEX08
Date Sampled: 12/16/2002
Time Sampled: 08:38
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
sec-Butylbenzene	ND	1	5	ug/Kg	12/17/02	AM
Styrene	ND	1	5	ug/Kg	12/17/02	AM
tert-Butylbenzene	ND	1	5	ug/Kg	12/17/02	AM
Tetrachloroethene	ND	1	5	ug/Kg	12/17/02	AM
Toluene	ND	1	5	ug/Kg	12/17/02	AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	12/17/02	AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	12/17/02	AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/17/02	AM
Trichloroethene	ND	1	5	ug/Kg	12/17/02	AM
Trichlorofluoromethane	ND	1	5	ug/Kg	12/17/02	AM
Vinyl acetate	ND	1	50	ug/Kg	12/17/02	AM
Vinyl chloride	ND	1	5	ug/Kg	12/17/02	AM
Xylenes, total	ND	1	5	ug/Kg	12/17/02	AM
Surrogates				**Units**	**Control Limits**	
1,2-Dichloroethane-d4 (sur)	102			%	70 - 130	
Dibromofluoromethane (sur)	106			%	70 - 130	
p-Bromofluorobenzene (sur)	105			%	70 - 130	
Toluene-d8 (sur)	103			%	70 - 130	
8270C Acid/Base/Neutral Extractables						
1,2,4-Trichlorobenzene	ND	3	999.0	ug/Kg	12/19/02	DP
1,2-Dichlorobenzene	ND	3	999.0	ug/Kg	12/19/02	DP
1,3-Dichlorobenzene	ND	3	999.0	ug/Kg	12/19/02	DP
1,4-Dichlorobenzene	ND	3	999.0	ug/Kg	12/19/02	DP
2,4,5-Trichlorophenol	ND	3	4995.0	ug/Kg	12/19/02	DP
2,4,6-Trichlorophenol	ND	3	4995.0	ug/Kg	12/19/02	DP
2,4-Dichlorophenol	ND	3	999.0	ug/Kg	12/19/02	DP
2,4-Dimethylphenol	ND	3	999.0	ug/Kg	12/19/02	DP
2,4-Dinitrophenol	ND	3	4995.0	ug/Kg	12/19/02	DP
2,4-Dinitrotoluene	ND	3	999.0	ug/Kg	12/19/02	DP
2,6-Dinitrotoluene	ND	3	999.0	ug/Kg	12/19/02	DP
2-Chloronaphthalene	ND	3	999.0	ug/Kg	12/19/02	DP
2-Chlorophenol	ND	3	999.0	ug/Kg	12/19/02	DP
2-Methylnaphthalene	ND	3	999.0	ug/Kg	12/19/02	DP
2-Methylphenol	ND	3	999.0	ug/Kg	12/19/02	DP
2-Nitroaniline	ND	3	4995.0	ug/Kg	12/19/02	DP
2-Nitrophenol	ND	3	999.0	ug/Kg	12/19/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399505 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** WPOLEX08
Date Sampled: 12/16/2002
Time Sampled: 08:38
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	3	999.0	ug/Kg	12/19/02	DP
3-Nitroaniline	ND	3	4995.0	ug/Kg	12/19/02	DP
4,6-Dinitro-2-methylphenol	ND	3	4995.0	ug/Kg	12/19/02	DP
4-Bromophenyl-phenylether	ND	3	999.0	ug/Kg	12/19/02	DP
4-Chloro-3-methylphenol	ND	3	999.0	ug/Kg	12/19/02	DP
4-Chloroaniline	ND	3	999.0	ug/Kg	12/19/02	DP
4-Chlorophenyl-phenylether	ND	3	999.0	ug/Kg	12/19/02	DP
4-Methylphenol	ND	3	999.0	ug/Kg	12/19/02	DP
4-Nitroaniline	ND	3	4995.0	ug/Kg	12/19/02	DP
4-Nitrophenol	ND	3	4995.0	ug/Kg	12/19/02	DP
Acenaphthene	ND	3	999.0	ug/Kg	12/19/02	DP
Acenaphthylene	ND	3	999.0	ug/Kg	12/19/02	DP
Anthracene	ND	3	999.0	ug/Kg	12/19/02	DP
Benzidine	ND	3	999.0	ug/Kg	12/19/02	DP
Benzo(a)anthracene	ND	3	999.0	ug/Kg	12/19/02	DP
Benzo(a)pyrene	ND	3	999.0	ug/Kg	12/19/02	DP
Benzo(b)fluoranthene	ND	3	999.0	ug/Kg	12/19/02	DP
Benzo(g,h,i)perylene	ND	3	999.0	ug/Kg	12/19/02	DP
Benzo(k)fluoranthene	ND	3	999.0	ug/Kg	12/19/02	DP
Benzoic Acid	ND	3	999.0	ug/Kg	12/19/02	DP
Benzyl alcohol	ND	3	999.0	ug/Kg	12/19/02	DP
bis(2-Chloroethoxy)methane	ND	3	999.0	ug/Kg	12/19/02	DP
bis(2-Chloroethyl)ether	ND	3	999.0	ug/Kg	12/19/02	DP
bis(2-Chloroisopropyl) ether	ND	3	999.0	ug/Kg	12/19/02	DP
bis(2-Ethylhexyl)phthalate	ND	3	999.0	ug/Kg	12/19/02	DP
Butylbenzylphthalate	ND	3	999.0	ug/Kg	12/19/02	DP
Chrysene	ND	3	999.0	ug/Kg	12/19/02	DP
Di-n-butylphthalate	ND	3	999.0	ug/Kg	12/19/02	DP
Di-n-octylphthalate	ND	3	999.0	ug/Kg	12/19/02	DP
Dibenz(a,h)anthracene	ND	3	999.0	ug/Kg	12/19/02	DP
Dibenzofuran	ND	3	999.0	ug/Kg	12/19/02	DP
Diethylphthalate	ND	3	999.0	ug/Kg	12/19/02	DP
Dimethylphthalate	ND	3	999.0	ug/Kg	12/19/02	DP
Fluoranthene	ND	3	999.0	ug/Kg	12/19/02	DP
Fluorene	ND	3	999.0	ug/Kg	12/19/02	DP
Hexachlorobenzene	ND	3	999.0	ug/Kg	12/19/02	DP
Hexachlorobutadiene	ND	3	999.0	ug/Kg	12/19/02	DP
Hexachlorocyclopentadiene	ND	3	999.0	ug/Kg	12/19/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399505
Matrix: SOLID
Date Sampled: 12/16/2002
Time Sampled: 08:38
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX08

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Hexachloroethane	ND	3	999.0	ug/Kg	12/19/02	DP
Indeno(1,2,3-c,d)pyrene	ND	3	999.0	ug/Kg	12/19/02	DP
Isophorone	ND	3	999.0	ug/Kg	12/19/02	DP
N-Nitroso-di-n-propylamine	ND	3	999.0	ug/Kg	12/19/02	DP
N-Nitrosodiphenylamine	ND	3	999.0	ug/Kg	12/19/02	DP
Naphthalene	ND	3	999.0	ug/Kg	12/19/02	DP
Nitrobenzene	ND	3	999.0	ug/Kg	12/19/02	DP
Pentachlorophenol	ND	3	4995.0	ug/Kg	12/19/02	DP
Phenanthrene	ND	3	999.0	ug/Kg	12/19/02	DP
Phenol	ND	3	999.0	ug/Kg	12/19/02	DP
Pyrene	ND	3	999.0	ug/Kg	12/19/02	DP
Surrogates				**Units**	**Control Limits**	
2,4,6-Tribromophenol (sur)	102			%	17 - 122	
2-Fluorobiphenyl (sur)	81			%	30 - 115	
2-Fluorophenol (sur)	67			%	25 - 121	
Nitrobenzene-d5 (sur)	82			%	23 - 120	
Phenol-d5 (sur)	67			%	24 - 113	
Terphenyl-d14 (sur)	91			%	18 - 137	
8015M - Total Petroleum Hydrocarbons						
Gasoline	ND	1	5	mg/Kg	12/17/02	LT
Surrogates				**Units**	**Control Limits**	
a,a,a-Trifluorotoluene	105			%	55 - 156	

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399506
Matrix: SOLID
Date Sampled: 12/16/2002
Time Sampled: 08:47
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX09

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	350	1	20	mg/Kg	12/18/02	AF
C10 - C22	180	1	30	mg/Kg	12/18/02	AF
C22 - C32	ND	1	50	mg/Kg	12/18/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	100	500.0	ug/Kg	12/17/02	AM
1,1,1-Trichloroethane	ND	100	500.0	ug/Kg	12/17/02	AM
1,1,2,2-Tetrachloroethane	ND	100	500.0	ug/Kg	12/17/02	AM
1,1,2-Trichloroethane	ND	100	500.0	ug/Kg	12/17/02	AM
1,1,2-Trichlorotrifluoroethane	ND	100	500.0	ug/Kg	12/17/02	AM
1,1-Dichloroethane	ND	100	500.0	ug/Kg	12/17/02	AM
1,1-Dichloroethene	ND	100	500.0	ug/Kg	12/17/02	AM
1,1-Dichloropropene	ND	100	500.0	ug/Kg	12/17/02	AM
1,2,3-Trichlorobenzene	ND	100	500.0	ug/Kg	12/17/02	AM
1,2,3-Trichloropropane	ND	100	500.0	ug/Kg	12/17/02	AM
1,2,4-Trichlorobenzene	ND	100	500.0	ug/Kg	12/17/02	AM
1,2,4-Trimethylbenzene	719	100	500.0	ug/Kg	12/17/02	AM
1,2-Dibromo-3-chloropropane	ND	100	500.0	ug/Kg	12/17/02	AM
1,2-Dibromoethane	ND	100	500.0	ug/Kg	12/17/02	AM
1,2-Dichlorobenzene	ND	100	500.0	ug/Kg	12/17/02	AM
1,2-Dichloroethane	ND	100	500.0	ug/Kg	12/17/02	AM
1,2-Dichloropropane	ND	100	500.0	ug/Kg	12/17/02	AM
1,3,5-Trimethylbenzene	ND	100	500.0	ug/Kg	12/17/02	AM
1,3-Dichlorobenzene	ND	100	500.0	ug/Kg	12/17/02	AM
1,3-Dichloropropane	ND	100	500.0	ug/Kg	12/17/02	AM
1,4-Dichlorobenzene	ND	100	500.0	ug/Kg	12/17/02	AM
1,4-Dioxane	ND	100	20000.0	ug/Kg	12/17/02	AM
1-Chlorohexane	ND	100	500.0	ug/Kg	12/17/02	AM
2,2-Dichloropropane	ND	100	500.0	ug/Kg	12/17/02	AM
2-Butanone (MEK)	ND	100	10000.0	ug/Kg	12/17/02	AM
2-Chloroethyl vinyl ether	ND	100	500.0	ug/Kg	12/17/02	AM
2-Chlorotoluene	ND	100	500.0	ug/Kg	12/17/02	AM
2-Hexanone	ND	100	500.0	ug/Kg	12/17/02	AM
4-Chlorotoluene	ND	100	500.0	ug/Kg	12/17/02	AM
4-Methyl -2- Pentanone	ND	100	500.0	ug/Kg	12/17/02	AM
Acetone	ND	100	500.0	ug/Kg	12/17/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399506
Matrix: SOLID
Date Sampled: 12/16/2002
Time Sampled: 08:47
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX09

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
Acetonitrile	ND	100	500.0	ug/Kg	12/17/02	AM
Acrolein	ND	100	20000.0	ug/Kg	12/17/02	AM
Acrylonitrile	ND	100	500.0	ug/Kg	12/17/02	AM
Allyl chloride	ND	100	500.0	ug/Kg	12/17/02	AM
Benzene	ND	100	500.0	ug/Kg	12/17/02	AM
Benzyl chloride	ND	100	500.0	ug/Kg	12/17/02	AM
Bromobenzene	ND	100	500.0	ug/Kg	12/17/02	AM
Bromochloromethane	ND	100	500.0	ug/Kg	12/17/02	AM
Bromodichloromethane	ND	100	500.0	ug/Kg	12/17/02	AM
Bromoform	ND	100	500.0	ug/Kg	12/17/02	AM
Bromomethane	ND	100	500.0	ug/Kg	12/17/02	AM
Carbon Disulfide	ND	100	500.0	ug/Kg	12/17/02	AM
Carbon tetrachloride	ND	100	500.0	ug/Kg	12/17/02	AM
Chlorobenzene	ND	100	500.0	ug/Kg	12/17/02	AM
Chloroethane	ND	100	500.0	ug/Kg	12/17/02	AM
Chloroform	ND	100	500.0	ug/Kg	12/17/02	AM
Chloromethane	ND	100	500.0	ug/Kg	12/17/02	AM
cis-1,2-Dichloroethene	ND	100	500.0	ug/Kg	12/17/02	AM
cis-1,3-Dichloropropene	ND	100	500.0	ug/Kg	12/17/02	AM
cis-1,4-Dichloro-2-butene	ND	100	500.0	ug/Kg	12/17/02	AM
Dibromochloromethane	ND	100	500.0	ug/Kg	12/17/02	AM
Dibromomethane	ND	100	500.0	ug/Kg	12/17/02	AM
Dichlorodifluoromethane	ND	100	500.0	ug/Kg	12/17/02	AM
Ethyl benzene	398 J	100	500.0	ug/Kg	12/17/02	AM
Ethyl methacrylate	ND	100	500.0	ug/Kg	12/17/02	AM
Hexachlorobutadiene	ND	100	500.0	ug/Kg	12/17/02	AM
Iodomethane	ND	100	500.0	ug/Kg	12/17/02	AM
Isopropylbenzene (Cumene)	304 J	100	500.0	ug/Kg	12/17/02	AM
Methacrylonitrile	ND	100	500.0	ug/Kg	12/17/02	AM
Methyl methacrylate	ND	100	500.0	ug/Kg	12/17/02	AM
Methyl-tert-butylether (MTBE)	ND	100	500.0	ug/Kg	12/17/02	AM
Methylene chloride	ND	100	500.0	ug/Kg	12/17/02	AM
n-Butylbenzene	491 J	100	500.0	ug/Kg	12/17/02	AM
n-Propylbenzene	478 J	100	500.0	ug/Kg	12/17/02	AM
Naphthalene	765	100	500.0	ug/Kg	12/17/02	AM
p-Isopropyltoluene	417 J	100	500.0	ug/Kg	12/17/02	AM
Pentachloroethane	ND	100	500.0	ug/Kg	12/17/02	AM
Propionitrile	ND	100	500.0	ug/Kg	12/17/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399506
Matrix: SOLID
Date Sampled: 12/16/2002
Time Sampled: 08:47
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX09

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
sec-Butylbenzene	618	100	500.0	ug/Kg	12/17/02	AM
Styrene	ND	100	500.0	ug/Kg	12/17/02	AM
tert-Butylbenzene	ND	100	500.0	ug/Kg	12/17/02	AM
Tetrachloroethene	ND	100	500.0	ug/Kg	12/17/02	AM
Toluene	ND	100	500.0	ug/Kg	12/17/02	AM
trans-1,2-Dichloroethene	ND	100	500.0	ug/Kg	12/17/02	AM
trans-1,3-Dichloropropene	ND	100	500.0	ug/Kg	12/17/02	AM
trans-1,4-Dichloro-2-butene	ND	100	500.0	ug/Kg	12/17/02	AM
Trichloroethene	ND	100	500.0	ug/Kg	12/17/02	AM
Trichlorofluoromethane	ND	100	500.0	ug/Kg	12/17/02	AM
Vinyl acetate	ND	100	5000.0	ug/Kg	12/17/02	AM
Vinyl chloride	ND	100	500.0	ug/Kg	12/17/02	AM
Xylenes, total	ND	100	500.0	ug/Kg	12/17/02	AM

Surrogates		Units	Control Limits
1,2-Dichloroethane-d4 (sur)	109	%	70 - 130
Dibromofluoromethane (sur)	118	%	70 - 130
p-Bromofluorobenzene (sur)	115	%	70 - 130
Toluene-d8 (sur)	94	%	70 - 130

8270C Acid/Base/Neutral Extractables

1,2,4-Trichlorobenzene	ND	3	999.0	ug/Kg	12/18/02	DP
1,2-Dichlorobenzene	ND	3	999.0	ug/Kg	12/18/02	DP
1,3-Dichlorobenzene	ND	3	999.0	ug/Kg	12/18/02	DP
1,4-Dichlorobenzene	ND	3	999.0	ug/Kg	12/18/02	DP
2,4,5-Trichlorophenol	ND	3	4995.0	ug/Kg	12/18/02	DP
2,4,6-Trichlorophenol	ND	3	4995.0	ug/Kg	12/18/02	DP
2,4-Dichlorophenol	ND	3	999.0	ug/Kg	12/18/02	DP
2,4-Dimethylphenol	ND	3	999.0	ug/Kg	12/18/02	DP
2,4-Dinitrophenol	ND	3	4995.0	ug/Kg	12/18/02	DP
2,4-Dinitrotoluene	ND	3	999.0	ug/Kg	12/18/02	DP
2,6-Dinitrotoluene	ND	3	999.0	ug/Kg	12/18/02	DP
2-Chloronaphthalene	ND	3	999.0	ug/Kg	12/18/02	DP
2-Chlorophenol	ND	3	999.0	ug/Kg	12/18/02	DP
2-Methylnaphthalene	1020	3	999.0	ug/Kg	12/18/02	DP
2-Methylphenol	ND	3	999.0	ug/Kg	12/18/02	DP
2-Nitroaniline	ND	3	4995.0	ug/Kg	12/18/02	DP
2-Nitrophenol	ND	3	999.0	ug/Kg	12/18/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399506
Matrix: SOLID
Date Sampled: 12/16/2002
Time Sampled: 08:47
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX09

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	3	999.0	ug/Kg	12/18/02	DP
3-Nitroaniline	ND	3	4995.0	ug/Kg	12/18/02	DP
4,6-Dinitro-2-methylphenol	ND	3	4995.0	ug/Kg	12/18/02	DP
4-Bromophenyl-phenylether	ND	3	999.0	ug/Kg	12/18/02	DP
4-Chloro-3-methylphenol	ND	3	999.0	ug/Kg	12/18/02	DP
4-Chloroaniline	ND	3	999.0	ug/Kg	12/18/02	DP
4-Chlorophenyl-phenylether	ND	3	999.0	ug/Kg	12/18/02	DP
4-Methylphenol	ND	3	999.0	ug/Kg	12/18/02	DP
4-Nitroaniline	ND	3	4995.0	ug/Kg	12/18/02	DP
4-Nitrophenol	ND	3	4995.0	ug/Kg	12/18/02	DP
Acenaphthene	ND	3	999.0	ug/Kg	12/18/02	DP
Acenaphthylene	ND	3	999.0	ug/Kg	12/18/02	DP
Anthracene	ND	3	999.0	ug/Kg	12/18/02	DP
Benzidine	ND	3	999.0	ug/Kg	12/18/02	DP
Benzo(a)anthracene	ND	3	999.0	ug/Kg	12/18/02	DP
Benzo(a)pyrene	ND	3	999.0	ug/Kg	12/18/02	DP
Benzo(b)fluoranthene	ND	3	999.0	ug/Kg	12/18/02	DP
Benzo(g,h,i)perylene	ND	3	999.0	ug/Kg	12/18/02	DP
Benzo(k)fluoranthene	ND	3	999.0	ug/Kg	12/18/02	DP
Benzoic Acid	ND	3	999.0	ug/Kg	12/18/02	DP
Benzyl alcohol	ND	3	999.0	ug/Kg	12/18/02	DP
bis(2-Chloroethoxy)methane	ND	3	999.0	ug/Kg	12/18/02	DP
bis(2-Chloroethyl)ether	ND	3	999.0	ug/Kg	12/18/02	DP
bis(2-Chloroisopropyl) ether	ND	3	999.0	ug/Kg	12/18/02	DP
bis(2-Ethylhexyl)phthalate	ND	3	999.0	ug/Kg	12/18/02	DP
Butylbenzylphthalate	ND	3	999.0	ug/Kg	12/18/02	DP
Chrysene	ND	3	999.0	ug/Kg	12/18/02	DP
Di-n-butylphthalate	ND	3	999.0	ug/Kg	12/18/02	DP
Di-n-octylphthalate	ND	3	999.0	ug/Kg	12/18/02	DP
Dibenz(a,h)anthracene	ND	3	999.0	ug/Kg	12/18/02	DP
Dibenzofuran	ND	3	999.0	ug/Kg	12/18/02	DP
Diethylphthalate	ND	3	999.0	ug/Kg	12/18/02	DP
Dimethylphthalate	ND	3	999.0	ug/Kg	12/18/02	DP
Fluoranthene	ND	3	999.0	ug/Kg	12/18/02	DP
Fluorene	ND	3	999.0	ug/Kg	12/18/02	DP
Hexachlorobenzene	ND	3	999.0	ug/Kg	12/18/02	DP
Hexachlorobutadiene	ND	3	999.0	ug/Kg	12/18/02	DP
Hexachlorocyclopentadiene	ND	3	999.0	ug/Kg	12/18/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399506
Matrix: SOLID
Date Sampled: 12/16/2002
Time Sampled: 08:47
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX09

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Hexachloroethane	ND	3	999.0	ug/Kg	12/18/02	DP
Indeno(1,2,3-c,d)pyrene	ND	3	999.0	ug/Kg	12/18/02	DP
Isophorone	ND	3	999.0	ug/Kg	12/18/02	DP
N-Nitroso-di-n-propylamine	ND	3	999.0	ug/Kg	12/18/02	DP
N-Nitrosodiphenylamine	ND	3	999.0	ug/Kg	12/18/02	DP
Naphthalene	426 J	3	999.0	ug/Kg	12/18/02	DP
Nitrobenzene	ND	3	999.0	ug/Kg	12/18/02	DP
Pentachlorophenol	ND	3	4995.0	ug/Kg	12/18/02	DP
Phenanthrene	ND	3	999.0	ug/Kg	12/18/02	DP
Phenol	ND	3	999.0	ug/Kg	12/18/02	DP
Pyrene	ND	3	999.0	ug/Kg	12/18/02	DP
Surrogates				**Units**	**Control Limits**	
2,4,6-Tribromophenol (sur)	88			%	17 - 122	
2-Fluorobiphenyl (sur)	65			%	30 - 115	
2-Fluorophenol (sur)	51			%	25 - 121	
Nitrobenzene-d5 (sur)	69			%	23 - 120	
Phenol-d5 (sur)	54			%	24 - 113	
Terphenyl-d14 (sur)	87			%	18 - 137	
8015M - Total Petroleum Hydrocarbons						
Gasoline	39	2	10.0	mg/Kg	12/17/02	LT
Surrogates				**Units**	**Control Limits**	
a,a,a-Trifluorotoluene	66			%	55 - 156	

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399507
Matrix: SOLID
Date Sampled: 12/16/2002
Time Sampled: 08:56
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX10

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	184	5	100.0	mg/Kg	12/18/02	AF
C10 - C22	507	1	30	mg/Kg	12/18/02	AF
C22 - C32	ND	1	50	mg/Kg	12/18/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	95	475.0	ug/Kg	12/17/02	AM
1,1,1-Trichloroethane	ND	95	475.0	ug/Kg	12/17/02	AM
1,1,2,2-Tetrachloroethane	ND	95	475.0	ug/Kg	12/17/02	AM
1,1,2-Trichloroethane	ND	95	475.0	ug/Kg	12/17/02	AM
1,1,2-Trichlorotrifluoroethane	ND	95	475.0	ug/Kg	12/17/02	AM
1,1-Dichloroethane	ND	95	475.0	ug/Kg	12/17/02	AM
1,1-Dichloroethene	ND	95	475.0	ug/Kg	12/17/02	AM
1,1-Dichloropropene	ND	95	475.0	ug/Kg	12/17/02	AM
1,2,3-Trichlorobenzene	ND	95	475.0	ug/Kg	12/17/02	AM
1,2,3-Trichloropropane	ND	95	475.0	ug/Kg	12/17/02	AM
1,2,4-Trichlorobenzene	ND	95	475.0	ug/Kg	12/17/02	AM
1,2,4-Trimethylbenzene	ND	95	475.0	ug/Kg	12/17/02	AM
1,2-Dibromo-3-chloropropane	ND	95	475.0	ug/Kg	12/17/02	AM
1,2-Dibromoethane	ND	95	475.0	ug/Kg	12/17/02	AM
1,2-Dichlorobenzene	ND	95	475.0	ug/Kg	12/17/02	AM
1,2-Dichloroethane	ND	95	475.0	ug/Kg	12/17/02	AM
1,2-Dichloropropane	ND	95	475.0	ug/Kg	12/17/02	AM
1,3,5-Trimethylbenzene	ND	95	475.0	ug/Kg	12/17/02	AM
1,3-Dichlorobenzene	ND	95	475.0	ug/Kg	12/17/02	AM
1,3-Dichloropropane	ND	95	475.0	ug/Kg	12/17/02	AM
1,4-Dichlorobenzene	ND	95	475.0	ug/Kg	12/17/02	AM
1,4-Dioxane	ND	95	19000.0	ug/Kg	12/17/02	AM
1-Chlorohexane	ND	95	475.0	ug/Kg	12/17/02	AM
2,2-Dichloropropane	ND	95	475.0	ug/Kg	12/17/02	AM
2-Butanone (MEK)	ND	95	9500.0	ug/Kg	12/17/02	AM
2-Chloroethyl vinyl ether	ND	95	475.0	ug/Kg	12/17/02	AM
2-Chlorotoluene	ND	95	475.0	ug/Kg	12/17/02	AM
2-Hexanone	ND	95	475.0	ug/Kg	12/17/02	AM
4-Chlorotoluene	ND	95	475.0	ug/Kg	12/17/02	AM
4-Methyl -2- Pentanone	ND	95	475.0	ug/Kg	12/17/02	AM
Acetone	ND	95	475.0	ug/Kg	12/17/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399507 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** WPOLEX10
Date Sampled: 12/16/2002
Time Sampled: 08:56
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
Acetonitrile	ND	95	475.0	ug/Kg	12/17/02	AM
Acrolein	ND	95	19000.0	ug/Kg	12/17/02	AM
Acrylonitrile	ND	95	475.0	ug/Kg	12/17/02	AM
Allyl chloride	ND	95	475.0	ug/Kg	12/17/02	AM
Benzene	ND	95	475.0	ug/Kg	12/17/02	AM
Benzyl chloride	ND	95	475.0	ug/Kg	12/17/02	AM
Bromobenzene	ND	95	475.0	ug/Kg	12/17/02	AM
Bromochloromethane	ND	95	475.0	ug/Kg	12/17/02	AM
Bromodichloromethane	ND	95	475.0	ug/Kg	12/17/02	AM
Bromoform	ND	95	475.0	ug/Kg	12/17/02	AM
Bromomethane	ND	95	475.0	ug/Kg	12/17/02	AM
Carbon Disulfide	ND	95	475.0	ug/Kg	12/17/02	AM
Carbon tetrachloride	ND	95	475.0	ug/Kg	12/17/02	AM
Chlorobenzene	ND	95	475.0	ug/Kg	12/17/02	AM
Chloroethane	ND	95	475.0	ug/Kg	12/17/02	AM
Chloroform	ND	95	475.0	ug/Kg	12/17/02	AM
Chloromethane	ND	95	475.0	ug/Kg	12/17/02	AM
cis-1,2-Dichloroethene	ND	95	475.0	ug/Kg	12/17/02	AM
cis-1,3-Dichloropropene	ND	95	475.0	ug/Kg	12/17/02	AM
cis-1,4-Dichloro-2-butene	ND	95	475.0	ug/Kg	12/17/02	AM
Dibromochloromethane	ND	95	475.0	ug/Kg	12/17/02	AM
Dibromomethane	ND	95	475.0	ug/Kg	12/17/02	AM
Dichlorodifluoromethane	ND	95	475.0	ug/Kg	12/17/02	AM
Ethyl benzene	1150	95	475.0	ug/Kg	12/17/02	AM
Ethyl methacrylate	ND	95	475.0	ug/Kg	12/17/02	AM
Hexachlorobutadiene	ND	95	475.0	ug/Kg	12/17/02	AM
Iodomethane	ND	95	475.0	ug/Kg	12/17/02	AM
Isopropylbenzene (Cumene)	984	95	475.0	ug/Kg	12/17/02	AM
Methacrylonitrile	ND	95	475.0	ug/Kg	12/17/02	AM
Methyl methacrylate	ND	95	475.0	ug/Kg	12/17/02	AM
Methyl-tert-butylether (MTBE)	ND	95	475.0	ug/Kg	12/17/02	AM
Methylene chloride	ND	95	475.0	ug/Kg	12/17/02	AM
n-Butylbenzene	604	95	475.0	ug/Kg	12/17/02	AM
n-Propylbenzene	1640	95	475.0	ug/Kg	12/17/02	AM
Naphthalene	2690	95	475.0	ug/Kg	12/17/02	AM
p-Isopropyltoluene	311 J	95	475.0	ug/Kg	12/17/02	AM
Pentachloroethane	ND	95	475.0	ug/Kg	12/17/02	AM
Propionitrile	ND	95	475.0	ug/Kg	12/17/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399507 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** WPOLEX10
Date Sampled: 12/16/2002
Time Sampled: 08:56
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
sec-Butylbenzene	2140	95	475.0	ug/Kg	12/17/02	AM
Styrene	ND	95	475.0	ug/Kg	12/17/02	AM
tert-Butylbenzene	ND	95	475.0	ug/Kg	12/17/02	AM
Tetrachloroethene	ND	95	475.0	ug/Kg	12/17/02	AM
Toluene	ND	95	475.0	ug/Kg	12/17/02	AM
trans-1,2-Dichloroethene	ND	95	475.0	ug/Kg	12/17/02	AM
trans-1,3-Dichloropropene	ND	95	475.0	ug/Kg	12/17/02	AM
trans-1,4-Dichloro-2-butene	ND	95	475.0	ug/Kg	12/17/02	AM
Trichloroethene	ND	95	475.0	ug/Kg	12/17/02	AM
Trichlorofluoromethane	ND	95	475.0	ug/Kg	12/17/02	AM
Vinyl acetate	ND	95	4750.0	ug/Kg	12/17/02	AM
Vinyl chloride	ND	95	475.0	ug/Kg	12/17/02	AM
Xylenes, total	ND	95	475.0	ug/Kg	12/17/02	AM

Surrogates		Units	Control Limits
1,2-Dichloroethane-d4 (sur)	106	%	70 - 130
Dibromofluoromethane (sur)	112	%	70 - 130
p-Bromofluorobenzene (sur)	119	%	70 - 130
Toluene-d8 (sur)	92	%	70 - 130

8270C Acid/Base/Neutral Extractables						
1,2,4-Trichlorobenzene	ND	3	999.0	ug/Kg	12/18/02	DP
1,2-Dichlorobenzene	ND	3	999.0	ug/Kg	12/18/02	DP
1,3-Dichlorobenzene	ND	3	999.0	ug/Kg	12/18/02	DP
1,4-Dichlorobenzene	ND	3	999.0	ug/Kg	12/18/02	DP
2,4,5-Trichlorophenol	ND	3	4995.0	ug/Kg	12/18/02	DP
2,4,6-Trichlorophenol	ND	3	4995.0	ug/Kg	12/18/02	DP
2,4-Dichlorophenol	ND	3	999.0	ug/Kg	12/18/02	DP
2,4-Dimethylphenol	ND	3	999.0	ug/Kg	12/18/02	DP
2,4-Dinitrophenol	ND	3	4995.0	ug/Kg	12/18/02	DP
2,4-Dinitrotoluene	ND	3	999.0	ug/Kg	12/18/02	DP
2,6-Dinitrotoluene	ND	3	999.0	ug/Kg	12/18/02	DP
2-Chloronaphthalene	ND	3	999.0	ug/Kg	12/18/02	DP
2-Chlorophenol	ND	3	999.0	ug/Kg	12/18/02	DP
2-Methylnaphthalene	1490	3	999.0	ug/Kg	12/18/02	DP
2-Methylphenol	ND	3	999.0	ug/Kg	12/18/02	DP
2-Nitroaniline	ND	3	4995.0	ug/Kg	12/18/02	DP
2-Nitrophenol	ND	3	999.0	ug/Kg	12/18/02	DP

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Order #: 399507
Matrix: SOLID
Date Sampled: 12/16/2002
Time Sampled: 08:56
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX10

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	3	999.0	ug/Kg	12/18/02	DP
3-Nitroaniline	ND	3	4995.0	ug/Kg	12/18/02	DP
4,6-Dinitro-2-methylphenol	ND	3	4995.0	ug/Kg	12/18/02	DP
4-Bromophenyl-phenylether	ND	3	999.0	ug/Kg	12/18/02	DP
4-Chloro-3-methylphenol	ND	3	999.0	ug/Kg	12/18/02	DP
4-Chloroaniline	ND	3	999.0	ug/Kg	12/18/02	DP
4-Chlorophenyl-phenylether	ND	3	999.0	ug/Kg	12/18/02	DP
4-Methylphenol	ND	3	999.0	ug/Kg	12/18/02	DP
4-Nitroaniline	ND	3	4995.0	ug/Kg	12/18/02	DP
4-Nitrophenol	ND	3	4995.0	ug/Kg	12/18/02	DP
Acenaphthene	ND	3	999.0	ug/Kg	12/18/02	DP
Acenaphthylene	ND	3	999.0	ug/Kg	12/18/02	DP
Anthracene	ND	3	999.0	ug/Kg	12/18/02	DP
Benzidine	ND	3	999.0	ug/Kg	12/18/02	DP
Benzo(a)anthracene	ND	3	999.0	ug/Kg	12/18/02	DP
Benzo(a)pyrene	ND	3	999.0	ug/Kg	12/18/02	DP
Benzo(b)fluoranthene	ND	3	999.0	ug/Kg	12/18/02	DP
Benzo(g,h,i)perylene	ND	3	999.0	ug/Kg	12/18/02	DP
Benzo(k)fluoranthene	ND	3	999.0	ug/Kg	12/18/02	DP
Benzoic Acid	ND	3	999.0	ug/Kg	12/18/02	DP
Benzyl alcohol	ND	3	999.0	ug/Kg	12/18/02	DP
bis(2-Chloroethoxy)methane	ND	3	999.0	ug/Kg	12/18/02	DP
bis(2-Chloroethyl)ether	ND	3	999.0	ug/Kg	12/18/02	DP
bis(2-Chloroisopropyl) ether	ND	3	999.0	ug/Kg	12/18/02	DP
bis(2-Ethylhexyl)phthalate	ND	3	999.0	ug/Kg	12/18/02	DP
Butylbenzylphthalate	ND	3	999.0	ug/Kg	12/18/02	DP
Chrysene	ND	3	999.0	ug/Kg	12/18/02	DP
Di-n-butylphthalate	ND	3	999.0	ug/Kg	12/18/02	DP
Di-n-octylphthalate	ND	3	999.0	ug/Kg	12/18/02	DP
Dibenz(a,h)anthracene	ND	3	999.0	ug/Kg	12/18/02	DP
Dibenzofuran	ND	3	999.0	ug/Kg	12/18/02	DP
Diethylphthalate	ND	3	999.0	ug/Kg	12/18/02	DP
Dimethylphthalate	ND	3	999.0	ug/Kg	12/18/02	DP
Fluoranthene	ND	3	999.0	ug/Kg	12/18/02	DP
Fluorene	ND	3	999.0	ug/Kg	12/18/02	DP
Hexachlorobenzene	ND	3	999.0	ug/Kg	12/18/02	DP
Hexachlorobutadiene	ND	3	999.0	ug/Kg	12/18/02	DP
Hexachlorocyclopentadiene	ND	3	999.0	ug/Kg	12/18/02	DP

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Order #: 399507
Matrix: SOLID
Date Sampled: 12/16/2002
Time Sampled: 08:56
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX10

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Hexachloroethane	ND	3	999.0	ug/Kg	12/18/02	DP
Indeno(1,2,3-c,d)pyrene	ND	3	999.0	ug/Kg	12/18/02	DP
Isophorone	ND	3	999.0	ug/Kg	12/18/02	DP
N-Nitroso-di-n-propylamine	ND	3	999.0	ug/Kg	12/18/02	DP
N-Nitrosodiphenylamine	ND	3	999.0	ug/Kg	12/18/02	DP
Naphthalene	757 J	3	999.0	ug/Kg	12/18/02	DP
Nitrobenzene	ND	3	999.0	ug/Kg	12/18/02	DP
Pentachlorophenol	ND	3	4995.0	ug/Kg	12/18/02	DP
Phenanthrene	ND	3	999.0	ug/Kg	12/18/02	DP
Phenol	ND	3	999.0	ug/Kg	12/18/02	DP
Pyrene	ND	3	999.0	ug/Kg	12/18/02	DP
Surrogates				**Units**	**Control Limits**	
2,4,6-Tribromophenol (sur)	106			%	17 - 122	
2-Fluorobiphenyl (sur)	65			%	30 - 115	
2-Fluorophenol (sur)	52			%	25 - 121	
Nitrobenzene-d5 (sur)	69			%	23 - 120	
Phenol-d5 (sur)	55			%	24 - 113	
Terphenyl-d14 (sur)	99			%	18 - 137	

8015M - Total Petroleum Hydrocarbons

Gasoline	359	50	250.0	mg/Kg	12/18/02	LT
Surrogates				**Units**	**Control Limits**	
a,a,a-Trifluorotoluene	68			%	55 - 156	

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399508
Matrix: SOLID
Date Sampled: 12/16/2002
Time Sampled: 08:56
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX10D

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	174	5	100.0	mg/Kg	12/18/02	AF
C10 - C22	528	1	30	mg/Kg	12/18/02	AF
C22 - C32	ND	1	50	mg/Kg	12/18/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	92	460.0	ug/Kg	12/18/02	AM
1,1,1-Trichloroethane	ND	92	460.0	ug/Kg	12/18/02	AM
1,1,2,2-Tetrachloroethane	ND	92	460.0	ug/Kg	12/18/02	AM
1,1,2-Trichloroethane	ND	92	460.0	ug/Kg	12/18/02	AM
1,1,2-Trichlorotrifluoroethane	ND	92	460.0	ug/Kg	12/18/02	AM
1,1-Dichloroethane	ND	92	460.0	ug/Kg	12/18/02	AM
1,1-Dichloroethene	ND	92	460.0	ug/Kg	12/18/02	AM
1,1-Dichloropropene	ND	92	460.0	ug/Kg	12/18/02	AM
1,2,3-Trichlorobenzene	ND	92	460.0	ug/Kg	12/18/02	AM
1,2,3-Trichloropropane	ND	92	460.0	ug/Kg	12/18/02	AM
1,2,4-Trichlorobenzene	ND	92	460.0	ug/Kg	12/18/02	AM
1,2,4-Trimethylbenzene	ND	92	460.0	ug/Kg	12/18/02	AM
1,2-Dibromo-3-chloropropane	ND	92	460.0	ug/Kg	12/18/02	AM
1,2-Dibromoethane	ND	92	460.0	ug/Kg	12/18/02	AM
1,2-Dichlorobenzene	ND	92	460.0	ug/Kg	12/18/02	AM
1,2-Dichloroethane	ND	92	460.0	ug/Kg	12/18/02	AM
1,2-Dichloropropane	ND	92	460.0	ug/Kg	12/18/02	AM
1,3,5-Trimethylbenzene	ND	92	460.0	ug/Kg	12/18/02	AM
1,3-Dichlorobenzene	ND	92	460.0	ug/Kg	12/18/02	AM
1,3-Dichloropropane	ND	92	460.0	ug/Kg	12/18/02	AM
1,4-Dichlorobenzene	ND	92	460.0	ug/Kg	12/18/02	AM
1,4-Dioxane	ND	92	18400.0	ug/Kg	12/18/02	AM
1-Chlorohexane	ND	92	460.0	ug/Kg	12/18/02	AM
2,2-Dichloropropane	ND	92	460.0	ug/Kg	12/18/02	AM
2-Butanone (MEK)	ND	92	9200.0	ug/Kg	12/18/02	AM
2-Chloroethyl vinyl ether	ND	92	460.0	ug/Kg	12/18/02	AM
2-Chlorotoluene	ND	92	460.0	ug/Kg	12/18/02	AM
2-Hexanone	ND	92	460.0	ug/Kg	12/18/02	AM
4-Chlorotoluene	ND	92	460.0	ug/Kg	12/18/02	AM
4-Methyl -2- Pentanone	ND	92	460.0	ug/Kg	12/18/02	AM
Acetone	ND	92	460.0	ug/Kg	12/18/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399508 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** WPOLEX10D
Date Sampled: 12/16/2002
Time Sampled: 08:56
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
Acetonitrile	ND	92	460.0	ug/Kg	12/18/02	AM
Acrolein	ND	92	18400.0	ug/Kg	12/18/02	AM
Acrylonitrile	ND	92	460.0	ug/Kg	12/18/02	AM
Allyl chloride	ND	92	460.0	ug/Kg	12/18/02	AM
Benzene	ND	92	460.0	ug/Kg	12/18/02	AM
Benzyl chloride	ND	92	460.0	ug/Kg	12/18/02	AM
Bromobenzene	ND	92	460.0	ug/Kg	12/18/02	AM
Bromochloromethane	ND	92	460.0	ug/Kg	12/18/02	AM
Bromodichloromethane	ND	92	460.0	ug/Kg	12/18/02	AM
Bromoform	ND	92	460.0	ug/Kg	12/18/02	AM
Bromomethane	ND	92	460.0	ug/Kg	12/18/02	AM
Carbon Disulfide	ND	92	460.0	ug/Kg	12/18/02	AM
Carbon tetrachloride	ND	92	460.0	ug/Kg	12/18/02	AM
Chlorobenzene	ND	92	460.0	ug/Kg	12/18/02	AM
Chloroethane	ND	92	460.0	ug/Kg	12/18/02	AM
Chloroform	ND	92	460.0	ug/Kg	12/18/02	AM
Chloromethane	ND	92	460.0	ug/Kg	12/18/02	AM
cis-1,2-Dichloroethene	ND	92	460.0	ug/Kg	12/18/02	AM
cis-1,3-Dichloropropene	ND	92	460.0	ug/Kg	12/18/02	AM
cis-1,4-Dichloro-2-butene	ND	92	460.0	ug/Kg	12/18/02	AM
Dibromochloromethane	ND	92	460.0	ug/Kg	12/18/02	AM
Dibromomethane	ND	92	460.0	ug/Kg	12/18/02	AM
Dichlorodifluoromethane	ND	92	460.0	ug/Kg	12/18/02	AM
Ethyl benzene	303 J	92	460.0	ug/Kg	12/18/02	AM
Ethyl methacrylate	ND	92	460.0	ug/Kg	12/18/02	AM
Hexachlorobutadiene	ND	92	460.0	ug/Kg	12/18/02	AM
Iodomethane	ND	92	460.0	ug/Kg	12/18/02	AM
Isopropylbenzene (Cumene)	273 J	92	460.0	ug/Kg	12/18/02	AM
Methacrylonitrile	ND	92	460.0	ug/Kg	12/18/02	AM
Methyl methacrylate	ND	92	460.0	ug/Kg	12/18/02	AM
Methyl-tert-butylether (MTBE)	ND	92	460.0	ug/Kg	12/18/02	AM
Methylene chloride	ND	92	460.0	ug/Kg	12/18/02	AM
n-Butylbenzene	ND	92	460.0	ug/Kg	12/18/02	AM
n-Propylbenzene	426 J	92	460.0	ug/Kg	12/18/02	AM
Naphthalene	963	92	460.0	ug/Kg	12/18/02	AM
p-Isopropyltoluene	ND	92	460.0	ug/Kg	12/18/02	AM
Pentachloroethane	ND	92	460.0	ug/Kg	12/18/02	AM
Propionitrile	ND	92	460.0	ug/Kg	12/18/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399508 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** WPOLEX10D
Date Sampled: 12/16/2002
Time Sampled: 08:56
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
sec-Butylbenzene	500	92	460.0	ug/Kg	12/18/02	AM
Styrene	ND	92	460.0	ug/Kg	12/18/02	AM
tert-Butylbenzene	ND	92	460.0	ug/Kg	12/18/02	AM
Tetrachloroethene	ND	92	460.0	ug/Kg	12/18/02	AM
Toluene	ND	92	460.0	ug/Kg	12/18/02	AM
trans-1,2-Dichloroethene	ND	92	460.0	ug/Kg	12/18/02	AM
trans-1,3-Dichloropropene	ND	92	460.0	ug/Kg	12/18/02	AM
trans-1,4-Dichloro-2-butene	ND	92	460.0	ug/Kg	12/18/02	AM
Trichloroethene	ND	92	460.0	ug/Kg	12/18/02	AM
Trichlorofluoromethane	ND	92	460.0	ug/Kg	12/18/02	AM
Vinyl acetate	ND	92	4600.0	ug/Kg	12/18/02	AM
Vinyl chloride	ND	92	460.0	ug/Kg	12/18/02	AM
Xylenes, total	ND	92	460.0	ug/Kg	12/18/02	AM
Surrogates				**Units**	**Control Limits**	
1,2-Dichloroethane-d4 (sur)	107			%	70 - 130	
Dibromofluoromethane (sur)	119			%	70 - 130	
p-Bromofluorobenzene (sur)	114			%	70 - 130	
Toluene-d8 (sur)	96			%	70 - 130	
8270C Acid/Base/Neutral Extractables						
1,2,4-Trichlorobenzene	ND	3	999.0	ug/Kg	12/19/02	DP
1,2-Dichlorobenzene	ND	3	999.0	ug/Kg	12/19/02	DP
1,3-Dichlorobenzene	ND	3	999.0	ug/Kg	12/19/02	DP
1,4-Dichlorobenzene	ND	3	999.0	ug/Kg	12/19/02	DP
2,4,5-Trichlorophenol	ND	3	4995.0	ug/Kg	12/19/02	DP
2,4,6-Trichlorophenol	ND	3	4995.0	ug/Kg	12/19/02	DP
2,4-Dichlorophenol	ND	3	999.0	ug/Kg	12/19/02	DP
2,4-Dimethylphenol	ND	3	999.0	ug/Kg	12/19/02	DP
2,4-Dinitrophenol	ND	3	4995.0	ug/Kg	12/19/02	DP
2,4-Dinitrotoluene	ND	3	999.0	ug/Kg	12/19/02	DP
2,6-Dinitrotoluene	ND	3	999.0	ug/Kg	12/19/02	DP
2-Chloronaphthalene	ND	3	999.0	ug/Kg	12/19/02	DP
2-Chlorophenol	ND	3	999.0	ug/Kg	12/19/02	DP
2-Methylnaphthalene	2330	3	999.0	ug/Kg	12/19/02	DP
2-Methylphenol	ND	3	999.0	ug/Kg	12/19/02	DP
2-Nitroaniline	ND	3	4995.0	ug/Kg	12/19/02	DP
2-Nitrophenol	ND	3	999.0	ug/Kg	12/19/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399508 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** WPOLEX10D
Date Sampled: 12/16/2002
Time Sampled: 08:56
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	3	999.0	ug/Kg	12/19/02	DP
3-Nitroaniline	ND	3	4995.0	ug/Kg	12/19/02	DP
4,6-Dinitro-2-methylphenol	ND	3	4995.0	ug/Kg	12/19/02	DP
4-Bromophenyl-phenylether	ND	3	999.0	ug/Kg	12/19/02	DP
4-Chloro-3-methylphenol	ND	3	999.0	ug/Kg	12/19/02	DP
4-Chloroaniline	ND	3	999.0	ug/Kg	12/19/02	DP
4-Chlorophenyl-phenylether	ND	3	999.0	ug/Kg	12/19/02	DP
4-Methylphenol	ND	3	999.0	ug/Kg	12/19/02	DP
4-Nitroaniline	ND	3	4995.0	ug/Kg	12/19/02	DP
4-Nitrophenol	ND	3	4995.0	ug/Kg	12/19/02	DP
Acenaphthene	ND	3	999.0	ug/Kg	12/19/02	DP
Acenaphthylene	ND	3	999.0	ug/Kg	12/19/02	DP
Anthracene	ND	3	999.0	ug/Kg	12/19/02	DP
Benzidine	ND	3	999.0	ug/Kg	12/19/02	DP
Benzo(a)anthracene	ND	3	999.0	ug/Kg	12/19/02	DP
Benzo(a)pyrene	ND	3	999.0	ug/Kg	12/19/02	DP
Benzo(b)fluoranthene	ND	3	999.0	ug/Kg	12/19/02	DP
Benzo(g,h,i)perylene	ND	3	999.0	ug/Kg	12/19/02	DP
Benzo(k)fluoranthene	ND	3	999.0	ug/Kg	12/19/02	DP
Benzoic Acid	ND	3	999.0	ug/Kg	12/19/02	DP
Benzyl alcohol	ND	3	999.0	ug/Kg	12/19/02	DP
bis(2-Chloroethoxy)methane	ND	3	999.0	ug/Kg	12/19/02	DP
bis(2-Chloroethyl)ether	ND	3	999.0	ug/Kg	12/19/02	DP
bis(2-Chloroisopropyl) ether	ND	3	999.0	ug/Kg	12/19/02	DP
bis(2-Ethylhexyl)phthalate	ND	3	999.0	ug/Kg	12/19/02	DP
Butylbenzylphthalate	ND	3	999.0	ug/Kg	12/19/02	DP
Chrysene	ND	3	999.0	ug/Kg	12/19/02	DP
Di-n-butylphthalate	ND	3	999.0	ug/Kg	12/19/02	DP
Di-n-octylphthalate	ND	3	999.0	ug/Kg	12/19/02	DP
Dibenz(a,h)anthracene	ND	3	999.0	ug/Kg	12/19/02	DP
Dibenzofuran	ND	3	999.0	ug/Kg	12/19/02	DP
Diethylphthalate	ND	3	999.0	ug/Kg	12/19/02	DP
Dimethylphthalate	ND	3	999.0	ug/Kg	12/19/02	DP
Fluoranthene	ND	3	999.0	ug/Kg	12/19/02	DP
Fluorene	ND	3	999.0	ug/Kg	12/19/02	DP
Hexachlorobenzene	ND	3	999.0	ug/Kg	12/19/02	DP
Hexachlorobutadiene	ND	3	999.0	ug/Kg	12/19/02	DP
Hexachlorocyclopentadiene	ND	3	999.0	ug/Kg	12/19/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399508
Matrix: SOLID
Date Sampled: 12/16/2002
Time Sampled: 08:56
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX10D

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Hexachloroethane	ND	3	999.0	ug/Kg	12/19/02	DP
Indeno(1,2,3-c,d)pyrene	ND	3	999.0	ug/Kg	12/19/02	DP
Isophorone	ND	3	999.0	ug/Kg	12/19/02	DP
N-Nitroso-di-n-propylamine	ND	3	999.0	ug/Kg	12/19/02	DP
N-Nitrosodiphenylamine	ND	3	999.0	ug/Kg	12/19/02	DP
Naphthalene	1180	3	999.0	ug/Kg	12/19/02	DP
Nitrobenzene	ND	3	999.0	ug/Kg	12/19/02	DP
Pentachlorophenol	ND	3	4995.0	ug/Kg	12/19/02	DP
Phenanthrene	ND	3	999.0	ug/Kg	12/19/02	DP
Phenol	ND	3	999.0	ug/Kg	12/19/02	DP
Pyrene	ND	3	999.0	ug/Kg	12/19/02	DP
Surrogates				**Units**	**Control Limits**	
2,4,6-Tribromophenol (sur)	112			%	17 - 122	
2-Fluorobiphenyl (sur)	89			%	30 - 115	
2-Fluorophenol (sur)	79			%	25 - 121	
Nitrobenzene-d5 (sur)	99			%	23 - 120	
Phenol-d5 (sur)	76			%	24 - 113	
Terphenyl-d14 (sur)	116			%	18 - 137	
8015M - Total Petroleum Hydrocarbons						
Gasoline	146	25	125.0	mg/Kg	12/18/02	LT
Surrogates				**Units**	**Control Limits**	
a,a,a-Trifluorotoluene	66			%	55 - 156	

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399509
Matrix: SOLID
Date Sampled: 12/16/2002
Time Sampled: 09:05
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX11

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	612	5	100.0	mg/Kg	12/18/02	AF
C10 - C22	2080	5	150.0	mg/Kg	12/18/02	AF
C22 - C32	ND	1	50	mg/Kg	12/18/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	96	480.0	ug/Kg	12/18/02	AM
1,1,1-Trichloroethane	ND	96	480.0	ug/Kg	12/18/02	AM
1,1,2,2-Tetrachloroethane	ND	96	480.0	ug/Kg	12/18/02	AM
1,1,2-Trichloroethane	ND	96	480.0	ug/Kg	12/18/02	AM
1,1,2-Trichlorotrifluoroethane	ND	96	480.0	ug/Kg	12/18/02	AM
1,1-Dichloroethane	ND	96	480.0	ug/Kg	12/18/02	AM
1,1-Dichloroethene	ND	96	480.0	ug/Kg	12/18/02	AM
1,1-Dichloropropene	ND	96	480.0	ug/Kg	12/18/02	AM
1,2,3-Trichlorobenzene	ND	96	480.0	ug/Kg	12/18/02	AM
1,2,3-Trichloropropane	ND	96	480.0	ug/Kg	12/18/02	AM
1,2,4-Trichlorobenzene	ND	96	480.0	ug/Kg	12/18/02	AM
1,2,4-Trimethylbenzene	ND	96	480.0	ug/Kg	12/18/02	AM
1,2-Dibromo-3-chloropropane	ND	96	480.0	ug/Kg	12/18/02	AM
1,2-Dibromoethane	ND	96	480.0	ug/Kg	12/18/02	AM
1,2-Dichlorobenzene	ND	96	480.0	ug/Kg	12/18/02	AM
1,2-Dichloroethane	ND	96	480.0	ug/Kg	12/18/02	AM
1,2-Dichloropropane	ND	96	480.0	ug/Kg	12/18/02	AM
1,3,5-Trimethylbenzene	ND	96	480.0	ug/Kg	12/18/02	AM
1,3-Dichlorobenzene	ND	96	480.0	ug/Kg	12/18/02	AM
1,3-Dichloropropane	ND	96	480.0	ug/Kg	12/18/02	AM
1,4-Dichlorobenzene	ND	96	480.0	ug/Kg	12/18/02	AM
1,4-Dioxane	ND	96	19200.0	ug/Kg	12/18/02	AM
1-Chlorohexane	ND	96	480.0	ug/Kg	12/18/02	AM
2,2-Dichloropropane	ND	96	480.0	ug/Kg	12/18/02	AM
2-Butanone (MEK)	ND	96	9600.0	ug/Kg	12/18/02	AM
2-Chloroethyl vinyl ether	ND	96	480.0	ug/Kg	12/18/02	AM
2-Chlorotoluene	ND	96	480.0	ug/Kg	12/18/02	AM
2-Hexanone	ND	96	480.0	ug/Kg	12/18/02	AM
4-Chlorotoluene	ND	96	480.0	ug/Kg	12/18/02	AM
4-Methyl -2- Pentanone	ND	96	480.0	ug/Kg	12/18/02	AM
Acetone	ND	96	480.0	ug/Kg	12/18/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399509 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** WPOLEX11
Date Sampled: 12/16/2002
Time Sampled: 09:05
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
Acetonitrile	ND	96	480.0	ug/Kg	12/18/02	AM
Acrolein	ND	96	19200.0	ug/Kg	12/18/02	AM
Acrylonitrile	ND	96	480.0	ug/Kg	12/18/02	AM
Allyl chloride	ND	96	480.0	ug/Kg	12/18/02	AM
Benzene	ND	96	480.0	ug/Kg	12/18/02	AM
Benzyl chloride	ND	96	480.0	ug/Kg	12/18/02	AM
Bromobenzene	ND	96	480.0	ug/Kg	12/18/02	AM
Bromochloromethane	ND	96	480.0	ug/Kg	12/18/02	AM
Bromodichloromethane	ND	96	480.0	ug/Kg	12/18/02	AM
Bromoform	ND	96	480.0	ug/Kg	12/18/02	AM
Bromomethane	ND	96	480.0	ug/Kg	12/18/02	AM
Carbon Disulfide	ND	96	480.0	ug/Kg	12/18/02	AM
Carbon tetrachloride	ND	96	480.0	ug/Kg	12/18/02	AM
Chlorobenzene	ND	96	480.0	ug/Kg	12/18/02	AM
Chloroethane	ND	96	480.0	ug/Kg	12/18/02	AM
Chloroform	ND	96	480.0	ug/Kg	12/18/02	AM
Chloromethane	ND	96	480.0	ug/Kg	12/18/02	AM
cis-1,2-Dichloroethene	ND	96	480.0	ug/Kg	12/18/02	AM
cis-1,3-Dichloropropene	ND	96	480.0	ug/Kg	12/18/02	AM
cis-1,4-Dichloro-2-butene	ND	96	480.0	ug/Kg	12/18/02	AM
Dibromochloromethane	ND	96	480.0	ug/Kg	12/18/02	AM
Dibromomethane	ND	96	480.0	ug/Kg	12/18/02	AM
Dichlorodifluoromethane	ND	96	480.0	ug/Kg	12/18/02	AM
Ethyl benzene	143 J	96	480.0	ug/Kg	12/18/02	AM
Ethyl methacrylate	ND	96	480.0	ug/Kg	12/18/02	AM
Hexachlorobutadiene	ND	96	480.0	ug/Kg	12/18/02	AM
Iodomethane	ND	96	480.0	ug/Kg	12/18/02	AM
Isopropylbenzene (Cumene)	ND	96	480.0	ug/Kg	12/18/02	AM
Methacrylonitrile	ND	96	480.0	ug/Kg	12/18/02	AM
Methyl methacrylate	ND	96	480.0	ug/Kg	12/18/02	AM
Methyl-tert-butylether (MTBE)	ND	96	480.0	ug/Kg	12/18/02	AM
Methylene chloride	ND	96	480.0	ug/Kg	12/18/02	AM
n-Butylbenzene	336 J	96	480.0	ug/Kg	12/18/02	AM
n-Propylbenzene	147 J	96	480.0	ug/Kg	12/18/02	AM
Naphthalene	910	96	480.0	ug/Kg	12/18/02	AM
p-Isopropyltoluene	176 J	96	480.0	ug/Kg	12/18/02	AM
Pentachloroethane	ND	96	480.0	ug/Kg	12/18/02	AM
Propionitrile	ND	96	480.0	ug/Kg	12/18/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399509 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** WPOLEX11
Date Sampled: 12/16/2002
Time Sampled: 09:05
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
sec-Butylbenzene	180 J	96	480.0	ug/Kg	12/18/02	AM
Styrene	ND	96	480.0	ug/Kg	12/18/02	AM
tert-Butylbenzene	ND	96	480.0	ug/Kg	12/18/02	AM
Tetrachloroethene	ND	96	480.0	ug/Kg	12/18/02	AM
Toluene	ND	96	480.0	ug/Kg	12/18/02	AM
trans-1,2-Dichloroethene	ND	96	480.0	ug/Kg	12/18/02	AM
trans-1,3-Dichloropropene	ND	96	480.0	ug/Kg	12/18/02	AM
trans-1,4-Dichloro-2-butene	ND	96	480.0	ug/Kg	12/18/02	AM
Trichloroethene	ND	96	480.0	ug/Kg	12/18/02	AM
Trichlorofluoromethane	ND	96	480.0	ug/Kg	12/18/02	AM
Vinyl acetate	ND	96	4800.0	ug/Kg	12/18/02	AM
Vinyl chloride	ND	96	480.0	ug/Kg	12/18/02	AM
Xylenes, total	ND	96	480.0	ug/Kg	12/18/02	AM
Surrogates				**Units**	**Control Limits**	
1,2-Dichloroethane-d4 (sur)	111			%	70 - 130	
Dibromofluoromethane (sur)	123			%	70 - 130	
p-Bromofluorobenzene (sur)	114			%	70 - 130	
Toluene-d8 (sur)	92			%	70 - 130	
8270C Acid/Base/Neutral Extractables						
1,2,4-Trichlorobenzene	ND	3	999.0	ug/Kg	12/19/02	DP
1,2-Dichlorobenzene	ND	3	999.0	ug/Kg	12/19/02	DP
1,3-Dichlorobenzene	ND	3	999.0	ug/Kg	12/19/02	DP
1,4-Dichlorobenzene	ND	3	999.0	ug/Kg	12/19/02	DP
2,4,5-Trichlorophenol	ND	3	4995.0	ug/Kg	12/19/02	DP
2,4,6-Trichlorophenol	ND	3	4995.0	ug/Kg	12/19/02	DP
2,4-Dichlorophenol	ND	3	999.0	ug/Kg	12/19/02	DP
2,4-Dimethylphenol	ND	3	999.0	ug/Kg	12/19/02	DP
2,4-Dinitrophenol	ND	3	4995.0	ug/Kg	12/19/02	DP
2,4-Dinitrotoluene	ND	3	999.0	ug/Kg	12/19/02	DP
2,6-Dinitrotoluene	ND	3	999.0	ug/Kg	12/19/02	DP
2-Chloronaphthalene	ND	3	999.0	ug/Kg	12/19/02	DP
2-Chlorophenol	ND	3	999.0	ug/Kg	12/19/02	DP
2-Methylnaphthalene	10000	3	999.0	ug/Kg	12/19/02	DP
2-Methylphenol	ND	3	999.0	ug/Kg	12/19/02	DP
2-Nitroaniline	ND	3	4995.0	ug/Kg	12/19/02	DP
2-Nitrophenol	ND	3	999.0	ug/Kg	12/19/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399509 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** WPOLEX11
Date Sampled: 12/16/2002
Time Sampled: 09:05
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	3	999.0	ug/Kg	12/19/02	DP
3-Nitroaniline	ND	3	4995.0	ug/Kg	12/19/02	DP
4,6-Dinitro-2-methylphenol	ND	3	4995.0	ug/Kg	12/19/02	DP
4-Bromophenyl-phenylether	ND	3	999.0	ug/Kg	12/19/02	DP
4-Chloro-3-methylphenol	ND	3	999.0	ug/Kg	12/19/02	DP
4-Chloroaniline	ND	3	999.0	ug/Kg	12/19/02	DP
4-Chlorophenyl-phenylether	ND	3	999.0	ug/Kg	12/19/02	DP
4-Methylphenol	ND	3	999.0	ug/Kg	12/19/02	DP
4-Nitroaniline	ND	3	4995.0	ug/Kg	12/19/02	DP
4-Nitrophenol	ND	3	4995.0	ug/Kg	12/19/02	DP
Acenaphthene	ND	3	999.0	ug/Kg	12/19/02	DP
Acenaphthylene	ND	3	999.0	ug/Kg	12/19/02	DP
Anthracene	ND	3	999.0	ug/Kg	12/19/02	DP
Benzidine	ND	3	999.0	ug/Kg	12/19/02	DP
Benzo(a)anthracene	ND	3	999.0	ug/Kg	12/19/02	DP
Benzo(a)pyrene	ND	3	999.0	ug/Kg	12/19/02	DP
Benzo(b)fluoranthene	ND	3	999.0	ug/Kg	12/19/02	DP
Benzo(g,h,i)perylene	ND	3	999.0	ug/Kg	12/19/02	DP
Benzo(k)fluoranthene	ND	3	999.0	ug/Kg	12/19/02	DP
Benzoic Acid	ND	3	999.0	ug/Kg	12/19/02	DP
Benzyl alcohol	ND	3	999.0	ug/Kg	12/19/02	DP
bis(2-Chloroethoxy)methane	ND	3	999.0	ug/Kg	12/19/02	DP
bis(2-Chloroethyl)ether	ND	3	999.0	ug/Kg	12/19/02	DP
bis(2-Chloroisopropyl) ether	ND	3	999.0	ug/Kg	12/19/02	DP
bis(2-Ethylhexyl)phthalate	ND	3	999.0	ug/Kg	12/19/02	DP
Butylbenzylphthalate	ND	3	999.0	ug/Kg	12/19/02	DP
Chrysene	ND	3	999.0	ug/Kg	12/19/02	DP
Di-n-butylphthalate	ND	3	999.0	ug/Kg	12/19/02	DP
Di-n-octylphthalate	ND	3	999.0	ug/Kg	12/19/02	DP
Dibenz(a,h)anthracene	ND	3	999.0	ug/Kg	12/19/02	DP
Dibenzofuran	ND	3	999.0	ug/Kg	12/19/02	DP
Diethylphthalate	ND	3	999.0	ug/Kg	12/19/02	DP
Dimethylphthalate	ND	3	999.0	ug/Kg	12/19/02	DP
Fluoranthene	ND	3	999.0	ug/Kg	12/19/02	DP
Fluorene	ND	3	999.0	ug/Kg	12/19/02	DP
Hexachlorobenzene	ND	3	999.0	ug/Kg	12/19/02	DP
Hexachlorobutadiene	ND	3	999.0	ug/Kg	12/19/02	DP
Hexachlorocyclopentadiene	ND	3	999.0	ug/Kg	12/19/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399509 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** WPOLEX11
Date Sampled: 12/16/2002
Time Sampled: 09:05
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Hexachloroethane	ND	3	999.0	ug/Kg	12/19/02	DP
Indeno(1,2,3-c,d)pyrene	ND	3	999.0	ug/Kg	12/19/02	DP
Isophorone	ND	3	999.0	ug/Kg	12/19/02	DP
N-Nitroso-di-n-propylamine	ND	3	999.0	ug/Kg	12/19/02	DP
N-Nitrosodiphenylamine	ND	3	999.0	ug/Kg	12/19/02	DP
Naphthalene	4750	3	999.0	ug/Kg	12/19/02	DP
Nitrobenzene	ND	3	999.0	ug/Kg	12/19/02	DP
Pentachlorophenol	ND	3	4995.0	ug/Kg	12/19/02	DP
Phenanthrene	ND	3	999.0	ug/Kg	12/19/02	DP
Phenol	ND	3	999.0	ug/Kg	12/19/02	DP
Pyrene	ND	3	999.0	ug/Kg	12/19/02	DP
Surrogates				**Units**	**Control Limits**	
2,4,6-Tribromophenol (sur)	109			%	17 - 122	
2-Fluorobiphenyl (sur)	97			%	30 - 115	
2-Fluorophenol (sur)	90			%	25 - 121	
Nitrobenzene-d5 (sur)	124			%	23 - 120	
Phenol-d5 (sur)	95			%	24 - 113	
Terphenyl-d14 (sur)	113			%	18 - 137	
8015M - Total Petroleum Hydrocarbons						
Gasoline	617	100	500.0	mg/Kg	12/18/02	LT
Surrogates				**Units**	**Control Limits**	
a,a,a-Trifluorotoluene	69			%	55 - 156	

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399510
Matrix: SOLID
Date Sampled: 12/16/2002
Time Sampled: 09:15
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX12

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	630	5	100.0	mg/Kg	12/18/02	AF
C10 - C22	1960	5	150.0	mg/Kg	12/18/02	AF
C22 - C32	ND	1	50	mg/Kg	12/18/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	89	445.0	ug/Kg	12/18/02	AM
1,1,1-Trichloroethane	ND	89	445.0	ug/Kg	12/18/02	AM
1,1,2,2-Tetrachloroethane	ND	89	445.0	ug/Kg	12/18/02	AM
1,1,2-Trichloroethane	ND	89	445.0	ug/Kg	12/18/02	AM
1,1,2-Trichlorotrifluoroethane	ND	89	445.0	ug/Kg	12/18/02	AM
1,1-Dichloroethane	ND	89	445.0	ug/Kg	12/18/02	AM
1,1-Dichloroethene	ND	89	445.0	ug/Kg	12/18/02	AM
1,1-Dichloropropene	ND	89	445.0	ug/Kg	12/18/02	AM
1,2,3-Trichlorobenzene	ND	89	445.0	ug/Kg	12/18/02	AM
1,2,3-Trichloropropane	ND	89	445.0	ug/Kg	12/18/02	AM
1,2,4-Trichlorobenzene	ND	89	445.0	ug/Kg	12/18/02	AM
1,2,4-Trimethylbenzene	3240	89	445.0	ug/Kg	12/18/02	AM
1,2-Dibromo-3-chloropropane	ND	89	445.0	ug/Kg	12/18/02	AM
1,2-Dibromoethane	ND	89	445.0	ug/Kg	12/18/02	AM
1,2-Dichlorobenzene	ND	89	445.0	ug/Kg	12/18/02	AM
1,2-Dichloroethane	ND	89	445.0	ug/Kg	12/18/02	AM
1,2-Dichloropropane	ND	89	445.0	ug/Kg	12/18/02	AM
1,3,5-Trimethylbenzene	471	89	445.0	ug/Kg	12/18/02	AM
1,3-Dichlorobenzene	ND	89	445.0	ug/Kg	12/18/02	AM
1,3-Dichloropropane	ND	89	445.0	ug/Kg	12/18/02	AM
1,4-Dichlorobenzene	ND	89	445.0	ug/Kg	12/18/02	AM
1,4-Dioxane	ND	89	17800.0	ug/Kg	12/18/02	AM
1-Chlorohexane	ND	89	445.0	ug/Kg	12/18/02	AM
2,2-Dichloropropane	ND	89	445.0	ug/Kg	12/18/02	AM
2-Butanone (MEK)	ND	89	8900.0	ug/Kg	12/18/02	AM
2-Chloroethyl vinyl ether	ND	89	445.0	ug/Kg	12/18/02	AM
2-Chlorotoluene	ND	89	445.0	ug/Kg	12/18/02	AM
2-Hexanone	ND	89	445.0	ug/Kg	12/18/02	AM
4-Chlorotoluene	ND	89	445.0	ug/Kg	12/18/02	AM
4-Methyl -2- Pentanone	ND	89	445.0	ug/Kg	12/18/02	AM
Acetone	ND	89	445.0	ug/Kg	12/18/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399510
Matrix: SOLID
Date Sampled: 12/16/2002
Time Sampled: 09:15
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX12

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
Acetonitrile	ND	89	445.0	ug/Kg	12/18/02	AM
Acrolein	ND	89	17800.0	ug/Kg	12/18/02	AM
Acrylonitrile	ND	89	445.0	ug/Kg	12/18/02	AM
Allyl chloride	ND	89	445.0	ug/Kg	12/18/02	AM
Benzene	ND	89	445.0	ug/Kg	12/18/02	AM
Benzyl chloride	ND	89	445.0	ug/Kg	12/18/02	AM
Bromobenzene	ND	89	445.0	ug/Kg	12/18/02	AM
Bromochloromethane	ND	89	445.0	ug/Kg	12/18/02	AM
Bromodichloromethane	ND	89	445.0	ug/Kg	12/18/02	AM
Bromoform	ND	89	445.0	ug/Kg	12/18/02	AM
Bromomethane	ND	89	445.0	ug/Kg	12/18/02	AM
Carbon Disulfide	ND	89	445.0	ug/Kg	12/18/02	AM
Carbon tetrachloride	ND	89	445.0	ug/Kg	12/18/02	AM
Chlorobenzene	ND	89	445.0	ug/Kg	12/18/02	AM
Chloroethane	ND	89	445.0	ug/Kg	12/18/02	AM
Chloroform	ND	89	445.0	ug/Kg	12/18/02	AM
Chloromethane	ND	89	445.0	ug/Kg	12/18/02	AM
cis-1,2-Dichloroethene	ND	89	445.0	ug/Kg	12/18/02	AM
cis-1,3-Dichloropropene	ND	89	445.0	ug/Kg	12/18/02	AM
cis-1,4-Dichloro-2-butene	ND	89	445.0	ug/Kg	12/18/02	AM
Dibromochloromethane	ND	89	445.0	ug/Kg	12/18/02	AM
Dibromomethane	ND	89	445.0	ug/Kg	12/18/02	AM
Dichlorodifluoromethane	ND	89	445.0	ug/Kg	12/18/02	AM
Ethyl benzene	1770	89	445.0	ug/Kg	12/18/02	AM
Ethyl methacrylate	ND	89	445.0	ug/Kg	12/18/02	AM
Hexachlorobutadiene	ND	89	445.0	ug/Kg	12/18/02	AM
Iodomethane	ND	89	445.0	ug/Kg	12/18/02	AM
Isopropylbenzene (Cumene)	993	89	445.0	ug/Kg	12/18/02	AM
Methacrylonitrile	ND	89	445.0	ug/Kg	12/18/02	AM
Methyl methacrylate	ND	89	445.0	ug/Kg	12/18/02	AM
Methyl-tert-butylether (MTBE)	ND	89	445.0	ug/Kg	12/18/02	AM
Methylene chloride	ND	89	445.0	ug/Kg	12/18/02	AM
n-Butylbenzene	3500	89	445.0	ug/Kg	12/18/02	AM
n-Propylbenzene	1780	89	445.0	ug/Kg	12/18/02	AM
Naphthalene	3390	89	445.0	ug/Kg	12/18/02	AM
p-Isopropyltoluene	1360	89	445.0	ug/Kg	12/18/02	AM
Pentachloroethane	ND	89	445.0	ug/Kg	12/18/02	AM
Propionitrile	ND	89	445.0	ug/Kg	12/18/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399510 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** WPOLEX12
Date Sampled: 12/16/2002
Time Sampled: 09:15
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
sec-Butylbenzene	1990	89	445.0	ug/Kg	12/18/02	AM
Styrene	ND	89	445.0	ug/Kg	12/18/02	AM
tert-Butylbenzene	ND	89	445.0	ug/Kg	12/18/02	AM
Tetrachloroethene	ND	89	445.0	ug/Kg	12/18/02	AM
Toluene	ND	89	445.0	ug/Kg	12/18/02	AM
trans-1,2-Dichloroethene	ND	89	445.0	ug/Kg	12/18/02	AM
trans-1,3-Dichloropropene	ND	89	445.0	ug/Kg	12/18/02	AM
trans-1,4-Dichloro-2-butene	ND	89	445.0	ug/Kg	12/18/02	AM
Trichloroethene	ND	89	445.0	ug/Kg	12/18/02	AM
Trichlorofluoromethane	ND	89	445.0	ug/Kg	12/18/02	AM
Vinyl acetate	ND	89	4450.0	ug/Kg	12/18/02	AM
Vinyl chloride	ND	89	445.0	ug/Kg	12/18/02	AM
Xylenes, total	ND	89	445.0	ug/Kg	12/18/02	AM
Surrogates				**Units**	**Control Limits**	
1,2-Dichloroethane-d4 (sur)	109			%	70 - 130	
Dibromofluoromethane (sur)	116			%	70 - 130	
p-Bromofluorobenzene (sur)	118			%	70 - 130	
Toluene-d8 (sur)	91			%	70 - 130	
8270C Acid/Base/Neutral Extractables						
1,2,4-Trichlorobenzene	ND	3	999.0	ug/Kg	12/19/02	DP
1,2-Dichlorobenzene	ND	3	999.0	ug/Kg	12/19/02	DP
1,3-Dichlorobenzene	ND	3	999.0	ug/Kg	12/19/02	DP
1,4-Dichlorobenzene	ND	3	999.0	ug/Kg	12/19/02	DP
2,4,5-Trichlorophenol	ND	3	4995.0	ug/Kg	12/19/02	DP
2,4,6-Trichlorophenol	ND	3	4995.0	ug/Kg	12/19/02	DP
2,4-Dichlorophenol	ND	3	999.0	ug/Kg	12/19/02	DP
2,4-Dimethylphenol	ND	3	999.0	ug/Kg	12/19/02	DP
2,4-Dinitrophenol	ND	3	4995.0	ug/Kg	12/19/02	DP
2,4-Dinitrotoluene	ND	3	999.0	ug/Kg	12/19/02	DP
2,6-Dinitrotoluene	ND	3	999.0	ug/Kg	12/19/02	DP
2-Chloronaphthalene	ND	3	999.0	ug/Kg	12/19/02	DP
2-Chlorophenol	ND	3	999.0	ug/Kg	12/19/02	DP
2-Methylnaphthalene	7510	3	999.0	ug/Kg	12/19/02	DP
2-Methylphenol	ND	3	999.0	ug/Kg	12/19/02	DP
2-Nitroaniline	ND	3	4995.0	ug/Kg	12/19/02	DP
2-Nitrophenol	ND	3	999.0	ug/Kg	12/19/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399510 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** WPOLEX12
Date Sampled: 12/16/2002
Time Sampled: 09:15
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	3	999.0	ug/Kg	12/19/02	DP
3-Nitroaniline	ND	3	4995.0	ug/Kg	12/19/02	DP
4,6-Dinitro-2-methylphenol	ND	3	4995.0	ug/Kg	12/19/02	DP
4-Bromophenyl-phenylether	ND	3	999.0	ug/Kg	12/19/02	DP
4-Chloro-3-methylphenol	ND	3	999.0	ug/Kg	12/19/02	DP
4-Chloroaniline	ND	3	999.0	ug/Kg	12/19/02	DP
4-Chlorophenyl-phenylether	ND	3	999.0	ug/Kg	12/19/02	DP
4-Methylphenol	ND	3	999.0	ug/Kg	12/19/02	DP
4-Nitroaniline	ND	3	4995.0	ug/Kg	12/19/02	DP
4-Nitrophenol	ND	3	4995.0	ug/Kg	12/19/02	DP
Acenaphthene	ND	3	999.0	ug/Kg	12/19/02	DP
Acenaphthylene	ND	3	999.0	ug/Kg	12/19/02	DP
Anthracene	ND	3	999.0	ug/Kg	12/19/02	DP
Benzidine	ND	3	999.0	ug/Kg	12/19/02	DP
Benzo(a)anthracene	ND	3	999.0	ug/Kg	12/19/02	DP
Benzo(a)pyrene	ND	3	999.0	ug/Kg	12/19/02	DP
Benzo(b)fluoranthene	ND	3	999.0	ug/Kg	12/19/02	DP
Benzo(g,h,i)perylene	ND	3	999.0	ug/Kg	12/19/02	DP
Benzo(k)fluoranthene	ND	3	999.0	ug/Kg	12/19/02	DP
Benzoic Acid	ND	3	999.0	ug/Kg	12/19/02	DP
Benzyl alcohol	ND	3	999.0	ug/Kg	12/19/02	DP
bis(2-Chloroethoxy)methane	ND	3	999.0	ug/Kg	12/19/02	DP
bis(2-Chloroethyl)ether	ND	3	999.0	ug/Kg	12/19/02	DP
bis(2-Chloroisopropyl) ether	ND	3	999.0	ug/Kg	12/19/02	DP
bis(2-Ethylhexyl)phthalate	ND	3	999.0	ug/Kg	12/19/02	DP
Butylbenzylphthalate	ND	3	999.0	ug/Kg	12/19/02	DP
Chrysene	ND	3	999.0	ug/Kg	12/19/02	DP
Di-n-butylphthalate	ND	3	999.0	ug/Kg	12/19/02	DP
Di-n-octylphthalate	ND	3	999.0	ug/Kg	12/19/02	DP
Dibenz(a,h)anthracene	ND	3	999.0	ug/Kg	12/19/02	DP
Dibenzofuran	ND	3	999.0	ug/Kg	12/19/02	DP
Diethylphthalate	ND	3	999.0	ug/Kg	12/19/02	DP
Dimethylphthalate	ND	3	999.0	ug/Kg	12/19/02	DP
Fluoranthene	ND	3	999.0	ug/Kg	12/19/02	DP
Fluorene	ND	3	999.0	ug/Kg	12/19/02	DP
Hexachlorobenzene	ND	3	999.0	ug/Kg	12/19/02	DP
Hexachlorobutadiene	ND	3	999.0	ug/Kg	12/19/02	DP
Hexachlorocyclopentadiene	ND	3	999.0	ug/Kg	12/19/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399510 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** WPOLEX12
Date Sampled: 12/16/2002
Time Sampled: 09:15
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Hexachloroethane	ND	3	999.0	ug/Kg	12/19/02	DP
Indeno(1,2,3-c,d)pyrene	ND	3	999.0	ug/Kg	12/19/02	DP
Isophorone	ND	3	999.0	ug/Kg	12/19/02	DP
N-Nitroso-di-n-propylamine	ND	3	999.0	ug/Kg	12/19/02	DP
N-Nitrosodiphenylamine	ND	3	999.0	ug/Kg	12/19/02	DP
Naphthalene	3660	3	999.0	ug/Kg	12/19/02	DP
Nitrobenzene	ND	3	999.0	ug/Kg	12/19/02	DP
Pentachlorophenol	ND	3	4995.0	ug/Kg	12/19/02	DP
Phenanthrene	ND	3	999.0	ug/Kg	12/19/02	DP
Phenol	ND	3	999.0	ug/Kg	12/19/02	DP
Pyrene	ND	3	999.0	ug/Kg	12/19/02	DP
Surrogates				**Units**	**Control Limits**	
2,4,6-Tribromophenol (sur)	111			%	17 - 122	
2-Fluorobiphenyl (sur)	89			%	30 - 115	
2-Fluorophenol (sur)	71			%	25 - 121	
Nitrobenzene-d5 (sur)	110			%	23 - 120	
Phenol-d5 (sur)	76			%	24 - 113	
Terphenyl-d14 (sur)	109			%	18 - 137	
8015M - Total Petroleum Hydrocarbons						
Gasoline	274	50	250.0	mg/Kg	12/18/02	LT
Surrogates				**Units**	**Control Limits**	
a,a,a-Trifluorotoluene	65			%	55 - 156	

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399511
Matrix: SOLID
Date Sampled: 12/16/2002
Time Sampled: 09:24
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX13

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	12/18/02	AF
C10 - C22	ND	1	30	mg/Kg	12/18/02	AF
C22 - C32	ND	1	50	mg/Kg	12/18/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	12/18/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	12/18/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	12/18/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	12/18/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	12/18/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	12/18/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	12/18/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	12/18/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	12/18/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	12/18/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	12/18/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	12/18/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	12/18/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	12/18/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	12/18/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	12/18/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	12/18/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	12/18/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	12/18/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	12/18/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	12/18/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	12/18/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	12/18/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	12/18/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	12/18/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	12/18/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	12/18/02	AM
2-Hexanone	ND	1	5	ug/Kg	12/18/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	12/18/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	12/18/02	AM
Acetone	ND	1	5	ug/Kg	12/18/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399511 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** WPOLEX13
Date Sampled: 12/16/2002
Time Sampled: 09:24
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
Acetonitrile	ND	1	5	ug/Kg	12/18/02	AM
Acrolein	ND	1	200	ug/Kg	12/18/02	AM
Acrylonitrile	ND	1	5	ug/Kg	12/18/02	AM
Allyl chloride	ND	1	5	ug/Kg	12/18/02	AM
Benzene	ND	1	5	ug/Kg	12/18/02	AM
Benzyl chloride	ND	1	5	ug/Kg	12/18/02	AM
Bromobenzene	ND	1	5	ug/Kg	12/18/02	AM
Bromochloromethane	ND	1	5	ug/Kg	12/18/02	AM
Bromodichloromethane	ND	1	5	ug/Kg	12/18/02	AM
Bromoform	ND	1	5	ug/Kg	12/18/02	AM
Bromomethane	ND	1	5	ug/Kg	12/18/02	AM
Carbon Disulfide	ND	1	5	ug/Kg	12/18/02	AM
Carbon tetrachloride	ND	1	5	ug/Kg	12/18/02	AM
Chlorobenzene	ND	1	5	ug/Kg	12/18/02	AM
Chloroethane	ND	1	5	ug/Kg	12/18/02	AM
Chloroform	ND	1	5	ug/Kg	12/18/02	AM
Chloromethane	ND	1	5	ug/Kg	12/18/02	AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	12/18/02	AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	12/18/02	AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/18/02	AM
Dibromochloromethane	ND	1	5	ug/Kg	12/18/02	AM
Dibromomethane	ND	1	5	ug/Kg	12/18/02	AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	12/18/02	AM
Ethyl benzene	ND	1	5	ug/Kg	12/18/02	AM
Ethyl methacrylate	ND	1	5	ug/Kg	12/18/02	AM
Hexachlorobutadiene	ND	1	5	ug/Kg	12/18/02	AM
Iodomethane	ND	1	5	ug/Kg	12/18/02	AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	12/18/02	AM
Methacrylonitrile	ND	1	5	ug/Kg	12/18/02	AM
Methyl methacrylate	ND	1	5	ug/Kg	12/18/02	AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	12/18/02	AM
Methylene chloride	ND	1	5	ug/Kg	12/18/02	AM
n-Butylbenzene	ND	1	5	ug/Kg	12/18/02	AM
n-Propylbenzene	ND	1	5	ug/Kg	12/18/02	AM
Naphthalene	ND	1	5	ug/Kg	12/18/02	AM
p-Isopropyltoluene	ND	1	5	ug/Kg	12/18/02	AM
Pentachloroethane	ND	1	5	ug/Kg	12/18/02	AM
Propionitrile	ND	1	5	ug/Kg	12/18/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399511 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** WPOLEX13
Date Sampled: 12/16/2002
Time Sampled: 09:24
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
sec-Butylbenzene	ND	1	5	ug/Kg	12/18/02	AM
Styrene	ND	1	5	ug/Kg	12/18/02	AM
tert-Butylbenzene	ND	1	5	ug/Kg	12/18/02	AM
Tetrachloroethene	ND	1	5	ug/Kg	12/18/02	AM
Toluene	ND	1	5	ug/Kg	12/18/02	AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	12/18/02	AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	12/18/02	AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/18/02	AM
Trichloroethene	ND	1	5	ug/Kg	12/18/02	AM
Trichlorofluoromethane	ND	1	5	ug/Kg	12/18/02	AM
Vinyl acetate	ND	1	50	ug/Kg	12/18/02	AM
Vinyl chloride	ND	1	5	ug/Kg	12/18/02	AM
Xylenes, total	ND	1	5	ug/Kg	12/18/02	AM
Surrogates				**Units**	**Control Limits**	
1,2-Dichloroethane-d4 (sur)	112			%	70 - 130	
Dibromofluoromethane (sur)	116			%	70 - 130	
p-Bromofluorobenzene (sur)	109			%	70 - 130	
Toluene-d8 (sur)	104			%	70 - 130	

8270C Acid/Base/Neutral Extractables

1,2,4-Trichlorobenzene	ND	3	999.0	ug/Kg	12/19/02	DP
1,2-Dichlorobenzene	ND	3	999.0	ug/Kg	12/19/02	DP
1,3-Dichlorobenzene	ND	3	999.0	ug/Kg	12/19/02	DP
1,4-Dichlorobenzene	ND	3	999.0	ug/Kg	12/19/02	DP
2,4,5-Trichlorophenol	ND	3	4995.0	ug/Kg	12/19/02	DP
2,4,6-Trichlorophenol	ND	3	4995.0	ug/Kg	12/19/02	DP
2,4-Dichlorophenol	ND	3	999.0	ug/Kg	12/19/02	DP
2,4-Dimethylphenol	ND	3	999.0	ug/Kg	12/19/02	DP
2,4-Dinitrophenol	ND	3	4995.0	ug/Kg	12/19/02	DP
2,4-Dinitrotoluene	ND	3	999.0	ug/Kg	12/19/02	DP
2,6-Dinitrotoluene	ND	3	999.0	ug/Kg	12/19/02	DP
2-Chloronaphthalene	ND	3	999.0	ug/Kg	12/19/02	DP
2-Chlorophenol	ND	3	999.0	ug/Kg	12/19/02	DP
2-Methylnaphthalene	ND	3	999.0	ug/Kg	12/19/02	DP
2-Methylphenol	ND	3	999.0	ug/Kg	12/19/02	DP
2-Nitroaniline	ND	3	4995.0	ug/Kg	12/19/02	DP
2-Nitrophenol	ND	3	999.0	ug/Kg	12/19/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399511
Matrix: SOLID
Date Sampled: 12/16/2002
Time Sampled: 09:24
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX13

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	3	999.0	ug/Kg	12/19/02	DP
3-Nitroaniline	ND	3	4995.0	ug/Kg	12/19/02	DP
4,6-Dinitro-2-methylphenol	ND	3	4995.0	ug/Kg	12/19/02	DP
4-Bromophenyl-phenylether	ND	3	999.0	ug/Kg	12/19/02	DP
4-Chloro-3-methylphenol	ND	3	999.0	ug/Kg	12/19/02	DP
4-Chloroaniline	ND	3	999.0	ug/Kg	12/19/02	DP
4-Chlorophenyl-phenylether	ND	3	999.0	ug/Kg	12/19/02	DP
4-Methylphenol	ND	3	999.0	ug/Kg	12/19/02	DP
4-Nitroaniline	ND	3	4995.0	ug/Kg	12/19/02	DP
4-Nitrophenol	ND	3	4995.0	ug/Kg	12/19/02	DP
Acenaphthene	ND	3	999.0	ug/Kg	12/19/02	DP
Acenaphthylene	ND	3	999.0	ug/Kg	12/19/02	DP
Anthracene	ND	3	999.0	ug/Kg	12/19/02	DP
Benzidine	ND	3	999.0	ug/Kg	12/19/02	DP
Benzo(a)anthracene	ND	3	999.0	ug/Kg	12/19/02	DP
Benzo(a)pyrene	ND	3	999.0	ug/Kg	12/19/02	DP
Benzo(b)fluoranthene	ND	3	999.0	ug/Kg	12/19/02	DP
Benzo(g,h,i)perylene	ND	3	999.0	ug/Kg	12/19/02	DP
Benzo(k)fluoranthene	ND	3	999.0	ug/Kg	12/19/02	DP
Benzoic Acid	ND	3	999.0	ug/Kg	12/19/02	DP
Benzyl alcohol	ND	3	999.0	ug/Kg	12/19/02	DP
bis(2-Chloroethoxy)methane	ND	3	999.0	ug/Kg	12/19/02	DP
bis(2-Chloroethyl)ether	ND	3	999.0	ug/Kg	12/19/02	DP
bis(2-Chloroisopropyl) ether	ND	3	999.0	ug/Kg	12/19/02	DP
bis(2-Ethylhexyl)phthalate	ND	3	999.0	ug/Kg	12/19/02	DP
Butylbenzylphthalate	ND	3	999.0	ug/Kg	12/19/02	DP
Chrysene	ND	3	999.0	ug/Kg	12/19/02	DP
Di-n-butylphthalate	ND	3	999.0	ug/Kg	12/19/02	DP
Di-n-octylphthalate	ND	3	999.0	ug/Kg	12/19/02	DP
Dibenz(a,h)anthracene	ND	3	999.0	ug/Kg	12/19/02	DP
Dibenzofuran	ND	3	999.0	ug/Kg	12/19/02	DP
Diethylphthalate	ND	3	999.0	ug/Kg	12/19/02	DP
Dimethylphthalate	ND	3	999.0	ug/Kg	12/19/02	DP
Fluoranthene	ND	3	999.0	ug/Kg	12/19/02	DP
Fluorene	ND	3	999.0	ug/Kg	12/19/02	DP
Hexachlorobenzene	ND	3	999.0	ug/Kg	12/19/02	DP
Hexachlorobutadiene	ND	3	999.0	ug/Kg	12/19/02	DP
Hexachlorocyclopentadiene	ND	3	999.0	ug/Kg	12/19/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399511 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** WPOLEX13
Date Sampled: 12/16/2002
Time Sampled: 09:24
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Hexachloroethane	ND	3	999.0	ug/Kg	12/19/02	DP
Indeno(1,2,3-c,d)pyrene	ND	3	999.0	ug/Kg	12/19/02	DP
Isophorone	ND	3	999.0	ug/Kg	12/19/02	DP
N-Nitroso-di-n-propylamine	ND	3	999.0	ug/Kg	12/19/02	DP
N-Nitrosodiphenylamine	ND	3	999.0	ug/Kg	12/19/02	DP
Naphthalene	ND	3	999.0	ug/Kg	12/19/02	DP
Nitrobenzene	ND	3	999.0	ug/Kg	12/19/02	DP
Pentachlorophenol	ND	3	4995.0	ug/Kg	12/19/02	DP
Phenanthrene	ND	3	999.0	ug/Kg	12/19/02	DP
Phenol	ND	3	999.0	ug/Kg	12/19/02	DP
Pyrene	ND	3	999.0	ug/Kg	12/19/02	DP
Surrogates				**Units**	**Control Limits**	
2,4,6-Tribromophenol (sur)	93			%	17 - 122	
2-Fluorobiphenyl (sur)	67			%	30 - 115	
2-Fluorophenol (sur)	59			%	25 - 121	
Nitrobenzene-d5 (sur)	66			%	23 - 120	
Phenol-d5 (sur)	62			%	24 - 113	
Terphenyl-d14 (sur)	86			%	18 - 137	
8015M - Total Petroleum Hydrocarbons						
Gasoline	ND	1	5	mg/Kg	12/17/02	LT
Surrogates				**Units**	**Control Limits**	
a,a,a-Trifluorotoluene	82			%	55 - 156	

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399512
Matrix: SOLID
Date Sampled: 12/16/2002
Time Sampled: 09:33
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX14

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	41	1	20	mg/Kg	12/18/02	AF
C10 - C22	65	1	30	mg/Kg	12/18/02	AF
C22 - C32	ND	1	50	mg/Kg	12/18/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	12/18/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	12/18/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	12/18/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	12/18/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	12/18/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	12/18/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	12/18/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	12/18/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	12/18/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	12/18/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	12/18/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	12/18/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	12/18/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	12/18/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	12/18/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	12/18/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	12/18/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	12/18/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	12/18/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	12/18/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	12/18/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	12/18/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	12/18/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	12/18/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	12/18/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	12/18/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	12/18/02	AM
2-Hexanone	ND	1	5	ug/Kg	12/18/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	12/18/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	12/18/02	AM
Acetone	ND	1	5	ug/Kg	12/18/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399512
Matrix: SOLID
Date Sampled: 12/16/2002
Time Sampled: 09:33
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX14

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
Acetonitrile	ND	1	5	ug/Kg	12/18/02	AM
Acrolein	ND	1	200	ug/Kg	12/18/02	AM
Acrylonitrile	ND	1	5	ug/Kg	12/18/02	AM
Allyl chloride	ND	1	5	ug/Kg	12/18/02	AM
Benzene	ND	1	5	ug/Kg	12/18/02	AM
Benzyl chloride	ND	1	5	ug/Kg	12/18/02	AM
Bromobenzene	ND	1	5	ug/Kg	12/18/02	AM
Bromochloromethane	ND	1	5	ug/Kg	12/18/02	AM
Bromodichloromethane	ND	1	5	ug/Kg	12/18/02	AM
Bromoform	ND	1	5	ug/Kg	12/18/02	AM
Bromomethane	ND	1	5	ug/Kg	12/18/02	AM
Carbon Disulfide	ND	1	5	ug/Kg	12/18/02	AM
Carbon tetrachloride	ND	1	5	ug/Kg	12/18/02	AM
Chlorobenzene	ND	1	5	ug/Kg	12/18/02	AM
Chloroethane	ND	1	5	ug/Kg	12/18/02	AM
Chloroform	ND	1	5	ug/Kg	12/18/02	AM
Chloromethane	ND	1	5	ug/Kg	12/18/02	AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	12/18/02	AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	12/18/02	AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/18/02	AM
Dibromochloromethane	ND	1	5	ug/Kg	12/18/02	AM
Dibromomethane	ND	1	5	ug/Kg	12/18/02	AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	12/18/02	AM
Ethyl benzene	ND	1	5	ug/Kg	12/18/02	AM
Ethyl methacrylate	ND	1	5	ug/Kg	12/18/02	AM
Hexachlorobutadiene	ND	1	5	ug/Kg	12/18/02	AM
Iodomethane	ND	1	5	ug/Kg	12/18/02	AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	12/18/02	AM
m and p-Xylene	ND	1	5	ug/Kg	12/18/02	AM
Methacrylonitrile	ND	1	5	ug/Kg	12/18/02	AM
Methyl methacrylate	ND	1	5	ug/Kg	12/18/02	AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	12/18/02	AM
Methylene chloride	ND	1	5	ug/Kg	12/18/02	AM
n-Butylbenzene	ND	1	5	ug/Kg	12/18/02	AM
n-Propylbenzene	ND	1	5	ug/Kg	12/18/02	AM
Naphthalene	ND	1	5	ug/Kg	12/18/02	AM
o-Xylene	ND	1	5	ug/Kg	12/18/02	AM
p-Isopropyltoluene	ND	1	5	ug/Kg	12/18/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399512
Matrix: SOLID
Date Sampled: 12/16/2002
Time Sampled: 09:33
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX14

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
Pentachloroethane	ND	1	5	ug/Kg	12/18/02	AM
Propionitrile	ND	1	5	ug/Kg	12/18/02	AM
sec-Butylbenzene	ND	1	5	ug/Kg	12/18/02	AM
Styrene	ND	1	5	ug/Kg	12/18/02	AM
tert-Butylbenzene	ND	1	5	ug/Kg	12/18/02	AM
Tetrachloroethene	ND	1	5	ug/Kg	12/18/02	AM
Toluene	ND	1	5	ug/Kg	12/18/02	AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	12/18/02	AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	12/18/02	AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/18/02	AM
Trichloroethene	ND	1	5	ug/Kg	12/18/02	AM
Trichlorofluoromethane	ND	1	5	ug/Kg	12/18/02	AM
Vinyl acetate	ND	1	50	ug/Kg	12/18/02	AM
Vinyl chloride	ND	1	5	ug/Kg	12/18/02	AM
Xylenes, total	ND	1	5	ug/Kg	12/18/02	AM
Surrogates				**Units**	**Control Limits**	
1,2-Dichloroethane-d4 (sur)	104			%	70 - 130	
Dibromofluoromethane (sur)	116			%	70 - 130	
p-Bromofluorobenzene (sur)	108			%	70 - 130	
Toluene-d8 (sur)	103			%	70 - 130	
8270C Acid/Base/Neutral Extractables						
1,2,4-Trichlorobenzene	ND	3	999.0	ug/Kg	12/19/02	DP
1,2-Dichlorobenzene	ND	3	999.0	ug/Kg	12/19/02	DP
1,3-Dichlorobenzene	ND	3	999.0	ug/Kg	12/19/02	DP
1,4-Dichlorobenzene	ND	3	999.0	ug/Kg	12/19/02	DP
2,4,5-Trichlorophenol	ND	3	4995.0	ug/Kg	12/19/02	DP
2,4,6-Trichlorophenol	ND	3	4995.0	ug/Kg	12/19/02	DP
2,4-Dichlorophenol	ND	3	999.0	ug/Kg	12/19/02	DP
2,4-Dimethylphenol	ND	3	999.0	ug/Kg	12/19/02	DP
2,4-Dinitrophenol	ND	3	4995.0	ug/Kg	12/19/02	DP
2,4-Dinitrotoluene	ND	3	999.0	ug/Kg	12/19/02	DP
2,6-Dinitrotoluene	ND	3	999.0	ug/Kg	12/19/02	DP
2-Chloronaphthalene	ND	3	999.0	ug/Kg	12/19/02	DP
2-Chlorophenol	ND	3	999.0	ug/Kg	12/19/02	DP
2-Methylnaphthalene	ND	3	999.0	ug/Kg	12/19/02	DP
2-Methylphenol	ND	3	999.0	ug/Kg	12/19/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399512
Matrix: SOLID
Date Sampled: 12/16/2002
Time Sampled: 09:33
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX14

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
2-Nitroaniline	ND	3	4995.0	ug/Kg	12/19/02	DP
2-Nitrophenol	ND	3	999.0	ug/Kg	12/19/02	DP
3,3-Dichlorobenzidine	ND	3	999.0	ug/Kg	12/19/02	DP
3-Nitroaniline	ND	3	4995.0	ug/Kg	12/19/02	DP
4,6-Dinitro-2-methylphenol	ND	3	4995.0	ug/Kg	12/19/02	DP
4-Bromophenyl-phenylether	ND	3	999.0	ug/Kg	12/19/02	DP
4-Chloro-3-methylphenol	ND	3	999.0	ug/Kg	12/19/02	DP
4-Chloroaniline	ND	3	999.0	ug/Kg	12/19/02	DP
4-Chlorophenyl-phenylether	ND	3	999.0	ug/Kg	12/19/02	DP
4-Methylphenol	ND	3	999.0	ug/Kg	12/19/02	DP
4-Nitroaniline	ND	3	4995.0	ug/Kg	12/19/02	DP
4-Nitrophenol	ND	3	4995.0	ug/Kg	12/19/02	DP
Acenaphthene	ND	3	999.0	ug/Kg	12/19/02	DP
Acenaphthylene	ND	3	999.0	ug/Kg	12/19/02	DP
Anthracene	ND	3	999.0	ug/Kg	12/19/02	DP
Benzidine	ND	3	999.0	ug/Kg	12/19/02	DP
Benzo(a)anthracene	ND	3	999.0	ug/Kg	12/19/02	DP
Benzo(a)pyrene	ND	3	999.0	ug/Kg	12/19/02	DP
Benzo(b)fluoranthene	ND	3	999.0	ug/Kg	12/19/02	DP
Benzo(g,h,i)perylene	ND	3	999.0	ug/Kg	12/19/02	DP
Benzo(k)fluoranthene	ND	3	999.0	ug/Kg	12/19/02	DP
Benzoic Acid	ND	3	999.0	ug/Kg	12/19/02	DP
Benzyl alcohol	ND	3	999.0	ug/Kg	12/19/02	DP
bis(2-Chloroethoxy)methane	ND	3	999.0	ug/Kg	12/19/02	DP
bis(2-Chloroethyl)ether	ND	3	999.0	ug/Kg	12/19/02	DP
bis(2-Chloroisopropyl) ether	ND	3	999.0	ug/Kg	12/19/02	DP
bis(2-Ethylhexyl)phthalate	ND	3	999.0	ug/Kg	12/19/02	DP
Butylbenzylphthalate	ND	3	999.0	ug/Kg	12/19/02	DP
Chrysene	ND	3	999.0	ug/Kg	12/19/02	DP
Di-n-butylphthalate	ND	3	999.0	ug/Kg	12/19/02	DP
Di-n-octylphthalate	ND	3	999.0	ug/Kg	12/19/02	DP
Dibenz(a,h)anthracene	ND	3	999.0	ug/Kg	12/19/02	DP
Dibenzofuran	ND	3	999.0	ug/Kg	12/19/02	DP
Diethylphthalate	ND	3	999.0	ug/Kg	12/19/02	DP
Dimethylphthalate	ND	3	999.0	ug/Kg	12/19/02	DP
Fluoranthene	ND	3	999.0	ug/Kg	12/19/02	DP
Fluorene	ND	3	999.0	ug/Kg	12/19/02	DP
Hexachlorobenzene	ND	3	999.0	ug/Kg	12/19/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399512
Matrix: SOLID
Date Sampled: 12/16/2002
Time Sampled: 09:33
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX14

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Hexachlorobutadiene	ND	3	999.0	ug/Kg	12/19/02	DP
Hexachlorocyclopentadiene	ND	3	999.0	ug/Kg	12/19/02	DP
Hexachloroethane	ND	3	999.0	ug/Kg	12/19/02	DP
Indeno(1,2,3-c,d)pyrene	ND	3	999.0	ug/Kg	12/19/02	DP
Isophorone	ND	3	999.0	ug/Kg	12/19/02	DP
N-Nitroso-di-n-propylamine	ND	3	999.0	ug/Kg	12/19/02	DP
N-Nitrosodiphenylamine	ND	3	999.0	ug/Kg	12/19/02	DP
Naphthalene	ND	3	999.0	ug/Kg	12/19/02	DP
Nitrobenzene	ND	3	999.0	ug/Kg	12/19/02	DP
Pentachlorophenol	ND	3	4995.0	ug/Kg	12/19/02	DP
Phenanthrene	ND	3	999.0	ug/Kg	12/19/02	DP
Phenol	ND	3	999.0	ug/Kg	12/19/02	DP
Pyrene	ND	3	999.0	ug/Kg	12/19/02	DP
Surrogates				**Units**	**Control Limits**	
2,4,6-Tribromophenol (sur)	88			%	17 - 122	
2-Fluorobiphenyl (sur)	61			%	30 - 115	
2-Fluorophenol (sur)	51			%	25 - 121	
Nitrobenzene-d5 (sur)	61			%	23 - 120	
Phenol-d5 (sur)	55			%	24 - 113	
Terphenyl-d14 (sur)	79			%	18 - 137	
8015M - Total Petroleum Hydrocarbons						
Gasoline	13	1	5	mg/Kg	12/17/02	LT
Surrogates				**Units**	**Control Limits**	
a,a,a-Trifluorotoluene	89			%	55 - 156	

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399513
Matrix: SOLID
Date Sampled: 12/16/2002
Time Sampled: 09:43
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX15

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	175	1	20	mg/Kg	12/18/02	AF
C10 - C22	147	1	30	mg/Kg	12/18/02	AF
C22 - C32	ND	1	50	mg/Kg	12/18/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	90	450.0	ug/Kg	12/18/02	AM
1,1,1-Trichloroethane	ND	90	450.0	ug/Kg	12/18/02	AM
1,1,2,2-Tetrachloroethane	ND	90	450.0	ug/Kg	12/18/02	AM
1,1,2-Trichloroethane	ND	90	450.0	ug/Kg	12/18/02	AM
1,1,2-Trichlorotrifluoroethane	ND	90	450.0	ug/Kg	12/18/02	AM
1,1-Dichloroethane	ND	90	450.0	ug/Kg	12/18/02	AM
1,1-Dichloroethene	ND	90	450.0	ug/Kg	12/18/02	AM
1,1-Dichloropropene	ND	90	450.0	ug/Kg	12/18/02	AM
1,2,3-Trichlorobenzene	ND	90	450.0	ug/Kg	12/18/02	AM
1,2,3-Trichloropropane	ND	90	450.0	ug/Kg	12/18/02	AM
1,2,4-Trichlorobenzene	ND	90	450.0	ug/Kg	12/18/02	AM
1,2,4-Trimethylbenzene	ND	90	450.0	ug/Kg	12/18/02	AM
1,2-Dibromo-3-chloropropane	ND	90	450.0	ug/Kg	12/18/02	AM
1,2-Dibromoethane	ND	90	450.0	ug/Kg	12/18/02	AM
1,2-Dichlorobenzene	ND	90	450.0	ug/Kg	12/18/02	AM
1,2-Dichloroethane	ND	90	450.0	ug/Kg	12/18/02	AM
1,2-Dichloropropane	ND	90	450.0	ug/Kg	12/18/02	AM
1,3,5-Trimethylbenzene	ND	90	450.0	ug/Kg	12/18/02	AM
1,3-Dichlorobenzene	ND	90	450.0	ug/Kg	12/18/02	AM
1,3-Dichloropropane	ND	90	450.0	ug/Kg	12/18/02	AM
1,4-Dichlorobenzene	ND	90	450.0	ug/Kg	12/18/02	AM
1,4-Dioxane	ND	90	18000.0	ug/Kg	12/18/02	AM
1-Chlorohexane	ND	90	450.0	ug/Kg	12/18/02	AM
2,2-Dichloropropane	ND	90	450.0	ug/Kg	12/18/02	AM
2-Butanone (MEK)	ND	90	9000.0	ug/Kg	12/18/02	AM
2-Chloroethyl vinyl ether	ND	90	450.0	ug/Kg	12/18/02	AM
2-Chlorotoluene	ND	90	450.0	ug/Kg	12/18/02	AM
2-Hexanone	ND	90	450.0	ug/Kg	12/18/02	AM
4-Chlorotoluene	ND	90	450.0	ug/Kg	12/18/02	AM
4-Methyl -2- Pentanone	ND	90	450.0	ug/Kg	12/18/02	AM
Acetone	ND	90	450.0	ug/Kg	12/18/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399513
Matrix: SOLID
Date Sampled: 12/16/2002
Time Sampled: 09:43
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX15

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
Acetonitrile	ND	90	450.0	ug/Kg	12/18/02	AM
Acrolein	ND	90	18000.0	ug/Kg	12/18/02	AM
Acrylonitrile	ND	90	450.0	ug/Kg	12/18/02	AM
Allyl chloride	ND	90	450.0	ug/Kg	12/18/02	AM
Benzene	ND	90	450.0	ug/Kg	12/18/02	AM
Benzyl chloride	ND	90	450.0	ug/Kg	12/18/02	AM
Bromobenzene	ND	90	450.0	ug/Kg	12/18/02	AM
Bromochloromethane	ND	90	450.0	ug/Kg	12/18/02	AM
Bromodichloromethane	ND	90	450.0	ug/Kg	12/18/02	AM
Bromoform	ND	90	450.0	ug/Kg	12/18/02	AM
Bromomethane	ND	90	450.0	ug/Kg	12/18/02	AM
Carbon Disulfide	ND	90	450.0	ug/Kg	12/18/02	AM
Carbon tetrachloride	ND	90	450.0	ug/Kg	12/18/02	AM
Chlorobenzene	ND	90	450.0	ug/Kg	12/18/02	AM
Chloroethane	ND	90	450.0	ug/Kg	12/18/02	AM
Chloroform	ND	90	450.0	ug/Kg	12/18/02	AM
Chloromethane	ND	90	450.0	ug/Kg	12/18/02	AM
cis-1,2-Dichloroethene	ND	90	450.0	ug/Kg	12/18/02	AM
cis-1,3-Dichloropropene	ND	90	450.0	ug/Kg	12/18/02	AM
cis-1,4-Dichloro-2-butene	ND	90	450.0	ug/Kg	12/18/02	AM
Dibromochloromethane	ND	90	450.0	ug/Kg	12/18/02	AM
Dibromomethane	ND	90	450.0	ug/Kg	12/18/02	AM
Dichlorodifluoromethane	ND	90	450.0	ug/Kg	12/18/02	AM
Ethyl benzene	ND	90	450.0	ug/Kg	12/18/02	AM
Ethyl methacrylate	ND	90	450.0	ug/Kg	12/18/02	AM
Hexachlorobutadiene	ND	90	450.0	ug/Kg	12/18/02	AM
Iodomethane	ND	90	450.0	ug/Kg	12/18/02	AM
Isopropylbenzene (Cumene)	ND	90	450.0	ug/Kg	12/18/02	AM
Methacrylonitrile	ND	90	450.0	ug/Kg	12/18/02	AM
Methyl methacrylate	ND	90	450.0	ug/Kg	12/18/02	AM
Methyl-tert-butylether (MTBE)	ND	90	450.0	ug/Kg	12/18/02	AM
Methylene chloride	ND	90	450.0	ug/Kg	12/18/02	AM
n-Butylbenzene	ND	90	450.0	ug/Kg	12/18/02	AM
n-Propylbenzene	ND	90	450.0	ug/Kg	12/18/02	AM
Naphthalene	ND	90	450.0	ug/Kg	12/18/02	AM
p-Isopropyltoluene	ND	90	450.0	ug/Kg	12/18/02	AM
Pentachloroethane	ND	90	450.0	ug/Kg	12/18/02	AM
Propionitrile	ND	90	450.0	ug/Kg	12/18/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399513
Matrix: SOLID
Date Sampled: 12/16/2002
Time Sampled: 09:43
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX15

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
sec-Butylbenzene	ND	90	450.0	ug/Kg	12/18/02	AM
Styrene	ND	90	450.0	ug/Kg	12/18/02	AM
tert-Butylbenzene	ND	90	450.0	ug/Kg	12/18/02	AM
Tetrachloroethene	ND	90	450.0	ug/Kg	12/18/02	AM
Toluene	ND	90	450.0	ug/Kg	12/18/02	AM
trans-1,2-Dichloroethene	ND	90	450.0	ug/Kg	12/18/02	AM
trans-1,3-Dichloropropene	ND	90	450.0	ug/Kg	12/18/02	AM
trans-1,4-Dichloro-2-butene	ND	90	450.0	ug/Kg	12/18/02	AM
Trichloroethene	ND	90	450.0	ug/Kg	12/18/02	AM
Trichlorofluoromethane	ND	90	450.0	ug/Kg	12/18/02	AM
Vinyl acetate	ND	90	4500.0	ug/Kg	12/18/02	AM
Vinyl chloride	ND	90	450.0	ug/Kg	12/18/02	AM
Xylenes, total	ND	90	450.0	ug/Kg	12/18/02	AM

Surrogates		Units	Control Limits
1,2-Dichloroethane-d4 (sur)	119	%	70 - 130
Dibromofluoromethane (sur)	124	%	70 - 130
p-Bromofluorobenzene (sur)	111	%	70 - 130
Toluene-d8 (sur)	96	%	70 - 130

8270C Acid/Base/Neutral Extractables

1,2,4-Trichlorobenzene	ND	3	999.0	ug/Kg	12/19/02	DP
1,2-Dichlorobenzene	ND	3	999.0	ug/Kg	12/19/02	DP
1,3-Dichlorobenzene	ND	3	999.0	ug/Kg	12/19/02	DP
1,4-Dichlorobenzene	ND	3	999.0	ug/Kg	12/19/02	DP
2,4,5-Trichlorophenol	ND	3	4995.0	ug/Kg	12/19/02	DP
2,4,6-Trichlorophenol	ND	3	4995.0	ug/Kg	12/19/02	DP
2,4-Dichlorophenol	ND	3	999.0	ug/Kg	12/19/02	DP
2,4-Dimethylphenol	ND	3	999.0	ug/Kg	12/19/02	DP
2,4-Dinitrophenol	ND	3	4995.0	ug/Kg	12/19/02	DP
2,4-Dinitrotoluene	ND	3	999.0	ug/Kg	12/19/02	DP
2,6-Dinitrotoluene	ND	3	999.0	ug/Kg	12/19/02	DP
2-Chloronaphthalene	ND	3	999.0	ug/Kg	12/19/02	DP
2-Chlorophenol	ND	3	999.0	ug/Kg	12/19/02	DP
2-Methylnaphthalene	ND	3	999.0	ug/Kg	12/19/02	DP
2-Methylphenol	ND	3	999.0	ug/Kg	12/19/02	DP
2-Nitroaniline	ND	3	4995.0	ug/Kg	12/19/02	DP
2-Nitrophenol	ND	3	999.0	ug/Kg	12/19/02	DP

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Order #: 399513
Matrix: SOLID
Date Sampled: 12/16/2002
Time Sampled: 09:43
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX15

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	3	999.0	ug/Kg	12/19/02	DP
3-Nitroaniline	ND	3	4995.0	ug/Kg	12/19/02	DP
4,6-Dinitro-2-methylphenol	ND	3	4995.0	ug/Kg	12/19/02	DP
4-Bromophenyl-phenylether	ND	3	999.0	ug/Kg	12/19/02	DP
4-Chloro-3-methylphenol	ND	3	999.0	ug/Kg	12/19/02	DP
4-Chloroaniline	ND	3	999.0	ug/Kg	12/19/02	DP
4-Chlorophenyl-phenylether	ND	3	999.0	ug/Kg	12/19/02	DP
4-Methylphenol	ND	3	999.0	ug/Kg	12/19/02	DP
4-Nitroaniline	ND	3	4995.0	ug/Kg	12/19/02	DP
4-Nitrophenol	ND	3	4995.0	ug/Kg	12/19/02	DP
Acenaphthene	ND	3	999.0	ug/Kg	12/19/02	DP
Acenaphthylene	ND	3	999.0	ug/Kg	12/19/02	DP
Anthracene	ND	3	999.0	ug/Kg	12/19/02	DP
Benzidine	ND	3	999.0	ug/Kg	12/19/02	DP
Benzo(a)anthracene	ND	3	999.0	ug/Kg	12/19/02	DP
Benzo(a)pyrene	ND	3	999.0	ug/Kg	12/19/02	DP
Benzo(b)fluoranthene	ND	3	999.0	ug/Kg	12/19/02	DP
Benzo(g,h,i)perylene	ND	3	999.0	ug/Kg	12/19/02	DP
Benzo(k)fluoranthene	ND	3	999.0	ug/Kg	12/19/02	DP
Benzoic Acid	ND	3	999.0	ug/Kg	12/19/02	DP
Benzyl alcohol	ND	3	999.0	ug/Kg	12/19/02	DP
bis(2-Chloroethoxy)methane	ND	3	999.0	ug/Kg	12/19/02	DP
bis(2-Chloroethyl)ether	ND	3	999.0	ug/Kg	12/19/02	DP
bis(2-Chloroisopropyl) ether	ND	3	999.0	ug/Kg	12/19/02	DP
bis(2-Ethylhexyl)phthalate	ND	3	999.0	ug/Kg	12/19/02	DP
Butylbenzylphthalate	ND	3	999.0	ug/Kg	12/19/02	DP
Chrysene	ND	3	999.0	ug/Kg	12/19/02	DP
Di-n-butylphthalate	ND	3	999.0	ug/Kg	12/19/02	DP
Di-n-octylphthalate	ND	3	999.0	ug/Kg	12/19/02	DP
Dibenz(a,h)anthracene	ND	3	999.0	ug/Kg	12/19/02	DP
Dibenzofuran	ND	3	999.0	ug/Kg	12/19/02	DP
Diethylphthalate	ND	3	999.0	ug/Kg	12/19/02	DP
Dimethylphthalate	ND	3	999.0	ug/Kg	12/19/02	DP
Fluoranthene	ND	3	999.0	ug/Kg	12/19/02	DP
Fluorene	ND	3	999.0	ug/Kg	12/19/02	DP
Hexachlorobenzene	ND	3	999.0	ug/Kg	12/19/02	DP
Hexachlorobutadiene	ND	3	999.0	ug/Kg	12/19/02	DP
Hexachlorocyclopentadiene	ND	3	999.0	ug/Kg	12/19/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399513
Matrix: SOLID
Date Sampled: 12/16/2002
Time Sampled: 09:43
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX15

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Hexachloroethane	ND	3	999.0	ug/Kg	12/19/02	DP
Indeno(1,2,3-c,d)pyrene	ND	3	999.0	ug/Kg	12/19/02	DP
Isophorone	ND	3	999.0	ug/Kg	12/19/02	DP
N-Nitroso-di-n-propylamine	ND	3	999.0	ug/Kg	12/19/02	DP
N-Nitrosodiphenylamine	ND	3	999.0	ug/Kg	12/19/02	DP
Naphthalene	ND	3	999.0	ug/Kg	12/19/02	DP
Nitrobenzene	ND	3	999.0	ug/Kg	12/19/02	DP
Pentachlorophenol	ND	3	4995.0	ug/Kg	12/19/02	DP
Phenanthrene	ND	3	999.0	ug/Kg	12/19/02	DP
Phenol	ND	3	999.0	ug/Kg	12/19/02	DP
Pyrene	ND	3	999.0	ug/Kg	12/19/02	DP
Surrogates				**Units**	**Control Limits**	
2,4,6-Tribromophenol (sur)	103			%	17 - 122	
2-Fluorobiphenyl (sur)	67			%	30 - 115	
2-Fluorophenol (sur)	64			%	25 - 121	
Nitrobenzene-d5 (sur)	73			%	23 - 120	
Phenol-d5 (sur)	68			%	24 - 113	
Terphenyl-d14 (sur)	81			%	18 - 137	
8015M - Total Petroleum Hydrocarbons						
Gasoline	33	2	10.0	mg/Kg	12/18/02	LT
Surrogates				**Units**	**Control Limits**	
a,a,a-Trifluorotoluene	60			%	55 - 156	

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399514
Matrix: SOLID
Date Sampled: 12/16/2002
Time Sampled: 09:52
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX16

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	12/18/02	AF
C10 - C22	ND	1	30	mg/Kg	12/18/02	AF
C22 - C32	ND	1	50	mg/Kg	12/18/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	12/18/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	12/18/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	12/18/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	12/18/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	12/18/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	12/18/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	12/18/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	12/18/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	12/18/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	12/18/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	12/18/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	12/18/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	12/18/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	12/18/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	12/18/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	12/18/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	12/18/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	12/18/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	12/18/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	12/18/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	12/18/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	12/18/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	12/18/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	12/18/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	12/18/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	12/18/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	12/18/02	AM
2-Hexanone	ND	1	5	ug/Kg	12/18/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	12/18/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	12/18/02	AM
Acetone	ND	1	5	ug/Kg	12/18/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399514 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** WPOLEX16
Date Sampled: 12/16/2002
Time Sampled: 09:52
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
Acetonitrile	ND	1	5	ug/Kg	12/18/02	AM
Acrolein	ND	1	200	ug/Kg	12/18/02	AM
Acrylonitrile	ND	1	5	ug/Kg	12/18/02	AM
Allyl chloride	ND	1	5	ug/Kg	12/18/02	AM
Benzene	ND	1	5	ug/Kg	12/18/02	AM
Benzyl chloride	ND	1	5	ug/Kg	12/18/02	AM
Bromobenzene	ND	1	5	ug/Kg	12/18/02	AM
Bromochloromethane	ND	1	5	ug/Kg	12/18/02	AM
Bromodichloromethane	ND	1	5	ug/Kg	12/18/02	AM
Bromoform	ND	1	5	ug/Kg	12/18/02	AM
Bromomethane	ND	1	5	ug/Kg	12/18/02	AM
Carbon Disulfide	ND	1	5	ug/Kg	12/18/02	AM
Carbon tetrachloride	ND	1	5	ug/Kg	12/18/02	AM
Chlorobenzene	ND	1	5	ug/Kg	12/18/02	AM
Chloroethane	ND	1	5	ug/Kg	12/18/02	AM
Chloroform	ND	1	5	ug/Kg	12/18/02	AM
Chloromethane	ND	1	5	ug/Kg	12/18/02	AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	12/18/02	AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	12/18/02	AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/18/02	AM
Dibromochloromethane	ND	1	5	ug/Kg	12/18/02	AM
Dibromomethane	ND	1	5	ug/Kg	12/18/02	AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	12/18/02	AM
Ethyl benzene	ND	1	5	ug/Kg	12/18/02	AM
Ethyl methacrylate	ND	1	5	ug/Kg	12/18/02	AM
Hexachlorobutadiene	ND	1	5	ug/Kg	12/18/02	AM
Iodomethane	ND	1	5	ug/Kg	12/18/02	AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	12/18/02	AM
m and p-Xylene	ND	1	5	ug/Kg	12/18/02	AM
Methacrylonitrile	ND	1	5	ug/Kg	12/18/02	AM
Methyl methacrylate	ND	1	5	ug/Kg	12/18/02	AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	12/18/02	AM
Methylene chloride	ND	1	5	ug/Kg	12/18/02	AM
n-Butylbenzene	ND	1	5	ug/Kg	12/18/02	AM
n-Propylbenzene	ND	1	5	ug/Kg	12/18/02	AM
Naphthalene	ND	1	5	ug/Kg	12/18/02	AM
o-Xylene	ND	1	5	ug/Kg	12/18/02	AM
p-Isopropyltoluene	ND	1	5	ug/Kg	12/18/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399514
Matrix: SOLID
Date Sampled: 12/16/2002
Time Sampled: 09:52
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX16

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
Pentachloroethane	ND	1	5	ug/Kg	12/18/02	AM
Propionitrile	ND	1	5	ug/Kg	12/18/02	AM
sec-Butylbenzene	ND	1	5	ug/Kg	12/18/02	AM
Styrene	ND	1	5	ug/Kg	12/18/02	AM
tert-Butylbenzene	ND	1	5	ug/Kg	12/18/02	AM
Tetrachloroethene	ND	1	5	ug/Kg	12/18/02	AM
Toluene	ND	1	5	ug/Kg	12/18/02	AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	12/18/02	AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	12/18/02	AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/18/02	AM
Trichloroethene	ND	1	5	ug/Kg	12/18/02	AM
Trichlorofluoromethane	ND	1	5	ug/Kg	12/18/02	AM
Vinyl acetate	ND	1	50	ug/Kg	12/18/02	AM
Vinyl chloride	ND	1	5	ug/Kg	12/18/02	AM
Xylenes, total	ND	1	5	ug/Kg	12/18/02	AM
Surrogates				**Units**	**Control Limits**	
1,2-Dichloroethane-d4 (sur)	110			%	70 - 130	
Dibromofluoromethane (sur)	114			%	70 - 130	
p-Bromofluorobenzene (sur)	108			%	70 - 130	
Toluene-d8 (sur)	103			%	70 - 130	
8270C Acid/Base/Neutral Extractables						
1,2,4-Trichlorobenzene	ND	3	999.0	ug/Kg	12/20/02	DP
1,2-Dichlorobenzene	ND	3	999.0	ug/Kg	12/20/02	DP
1,3-Dichlorobenzene	ND	3	999.0	ug/Kg	12/20/02	DP
1,4-Dichlorobenzene	ND	3	999.0	ug/Kg	12/20/02	DP
2,4,5-Trichlorophenol	ND	3	4995.0	ug/Kg	12/20/02	DP
2,4,6-Trichlorophenol	ND	3	4995.0	ug/Kg	12/20/02	DP
2,4-Dichlorophenol	ND	3	999.0	ug/Kg	12/20/02	DP
2,4-Dimethylphenol	ND	3	999.0	ug/Kg	12/20/02	DP
2,4-Dinitrophenol	ND	3	4995.0	ug/Kg	12/20/02	DP
2,4-Dinitrotoluene	ND	3	999.0	ug/Kg	12/20/02	DP
2,6-Dinitrotoluene	ND	3	999.0	ug/Kg	12/20/02	DP
2-Chloronaphthalene	ND	3	999.0	ug/Kg	12/20/02	DP
2-Chlorophenol	ND	3	999.0	ug/Kg	12/20/02	DP
2-Methylnaphthalene	ND	3	999.0	ug/Kg	12/20/02	DP
2-Methylphenol	ND	3	999.0	ug/Kg	12/20/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399514
Matrix: SOLID
Date Sampled: 12/16/2002
Time Sampled: 09:52
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX16

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
2-Nitroaniline	ND	3	4995.0	ug/Kg	12/20/02	DP
2-Nitrophenol	ND	3	999.0	ug/Kg	12/20/02	DP
3,3-Dichlorobenzidine	ND	3	999.0	ug/Kg	12/20/02	DP
3-Nitroaniline	ND	3	4995.0	ug/Kg	12/20/02	DP
4,6-Dinitro-2-methylphenol	ND	3	4995.0	ug/Kg	12/20/02	DP
4-Bromophenyl-phenylether	ND	3	999.0	ug/Kg	12/20/02	DP
4-Chloro-3-methylphenol	ND	3	999.0	ug/Kg	12/20/02	DP
4-Chloroaniline	ND	3	999.0	ug/Kg	12/20/02	DP
4-Chlorophenyl-phenylether	ND	3	999.0	ug/Kg	12/20/02	DP
4-Methylphenol	ND	3	999.0	ug/Kg	12/20/02	DP
4-Nitroaniline	ND	3	4995.0	ug/Kg	12/20/02	DP
4-Nitrophenol	ND	3	4995.0	ug/Kg	12/20/02	DP
Acenaphthene	ND	3	999.0	ug/Kg	12/20/02	DP
Acenaphthylene	ND	3	999.0	ug/Kg	12/20/02	DP
Anthracene	ND	3	999.0	ug/Kg	12/20/02	DP
Benzidine	ND	3	999.0	ug/Kg	12/20/02	DP
Benzo(a)anthracene	ND	3	999.0	ug/Kg	12/20/02	DP
Benzo(a)pyrene	ND	3	999.0	ug/Kg	12/20/02	DP
Benzo(b)fluoranthene	ND	3	999.0	ug/Kg	12/20/02	DP
Benzo(g,h,i)perylene	ND	3	999.0	ug/Kg	12/20/02	DP
Benzo(k)fluoranthene	ND	3	999.0	ug/Kg	12/20/02	DP
Benzoic Acid	ND	3	999.0	ug/Kg	12/20/02	DP
Benzyl alcohol	ND	3	999.0	ug/Kg	12/20/02	DP
bis(2-Chloroethoxy)methane	ND	3	999.0	ug/Kg	12/20/02	DP
bis(2-Chloroethyl)ether	ND	3	999.0	ug/Kg	12/20/02	DP
bis(2-Chloroisopropyl) ether	ND	3	999.0	ug/Kg	12/20/02	DP
bis(2-Ethylhexyl)phthalate	ND	3	999.0	ug/Kg	12/20/02	DP
Butylbenzylphthalate	ND	3	999.0	ug/Kg	12/20/02	DP
Chrysene	ND	3	999.0	ug/Kg	12/20/02	DP
Di-n-butylphthalate	ND	3	999.0	ug/Kg	12/20/02	DP
Di-n-octylphthalate	ND	3	999.0	ug/Kg	12/20/02	DP
Dibenz(a,h)anthracene	ND	3	999.0	ug/Kg	12/20/02	DP
Dibenzofuran	ND	3	999.0	ug/Kg	12/20/02	DP
Diethylphthalate	ND	3	999.0	ug/Kg	12/20/02	DP
Dimethylphthalate	ND	3	999.0	ug/Kg	12/20/02	DP
Fluoranthene	ND	3	999.0	ug/Kg	12/20/02	DP
Fluorene	ND	3	999.0	ug/Kg	12/20/02	DP
Hexachlorobenzene	ND	3	999.0	ug/Kg	12/20/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399514
Matrix: SOLID
Date Sampled: 12/16/2002
Time Sampled: 09:52
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX16

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Hexachlorobutadiene	ND	3	999.0	ug/Kg	12/20/02	DP
Hexachlorocyclopentadiene	ND	3	999.0	ug/Kg	12/20/02	DP
Hexachloroethane	ND	3	999.0	ug/Kg	12/20/02	DP
Indeno(1,2,3-c,d)pyrene	ND	3	999.0	ug/Kg	12/20/02	DP
Isophorone	ND	3	999.0	ug/Kg	12/20/02	DP
N-Nitroso-di-n-propylamine	ND	3	999.0	ug/Kg	12/20/02	DP
N-Nitrosodiphenylamine	ND	3	999.0	ug/Kg	12/20/02	DP
Naphthalene	ND	3	999.0	ug/Kg	12/20/02	DP
Nitrobenzene	ND	3	999.0	ug/Kg	12/20/02	DP
Pentachlorophenol	ND	3	4995.0	ug/Kg	12/20/02	DP
Phenanthrene	ND	3	999.0	ug/Kg	12/20/02	DP
Phenol	ND	3	999.0	ug/Kg	12/20/02	DP
Pyrene	ND	3	999.0	ug/Kg	12/20/02	DP
Surrogates				**Units**	**Control Limits**	
2,4,6-Tribromophenol (sur)	78			%	17 - 122	
2-Fluorobiphenyl (sur)	59			%	30 - 115	
2-Fluorophenol (sur)	46			%	25 - 121	
Nitrobenzene-d5 (sur)	56			%	23 - 120	
Phenol-d5 (sur)	47			%	24 - 113	
Terphenyl-d14 (sur)	81			%	18 - 137	
8015M - Total Petroleum Hydrocarbons						
Gasoline	ND	1	5	mg/Kg	12/18/02	LT
Surrogates				**Units**	**Control Limits**	
a,a,a-Trifluorotoluene	99			%	55 - 156	

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399515
Matrix: SOLID
Date Sampled: 12/16/2002
Time Sampled: 10:01
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX17

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	12/18/02	AF
C10 - C22	ND	1	30	mg/Kg	12/18/02	AF
C22 - C32	ND	1	50	mg/Kg	12/18/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	12/18/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	12/18/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	12/18/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	12/18/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	12/18/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	12/18/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	12/18/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	12/18/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	12/18/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	12/18/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	12/18/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	12/18/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	12/18/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	12/18/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	12/18/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	12/18/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	12/18/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	12/18/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	12/18/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	12/18/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	12/18/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	12/18/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	12/18/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	12/18/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	12/18/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	12/18/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	12/18/02	AM
2-Hexanone	ND	1	5	ug/Kg	12/18/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	12/18/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	12/18/02	AM
Acetone	ND	1	5	ug/Kg	12/18/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399515
Matrix: SOLID
Date Sampled: 12/16/2002
Time Sampled: 10:01
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX17

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
Acetonitrile	ND	1	5	ug/Kg	12/18/02	AM
Acrolein	ND	1	200	ug/Kg	12/18/02	AM
Acrylonitrile	ND	1	5	ug/Kg	12/18/02	AM
Allyl chloride	ND	1	5	ug/Kg	12/18/02	AM
Benzene	ND	1	5	ug/Kg	12/18/02	AM
Benzyl chloride	ND	1	5	ug/Kg	12/18/02	AM
Bromobenzene	ND	1	5	ug/Kg	12/18/02	AM
Bromochloromethane	ND	1	5	ug/Kg	12/18/02	AM
Bromodichloromethane	ND	1	5	ug/Kg	12/18/02	AM
Bromoform	ND	1	5	ug/Kg	12/18/02	AM
Bromomethane	ND	1	5	ug/Kg	12/18/02	AM
Carbon Disulfide	ND	1	5	ug/Kg	12/18/02	AM
Carbon tetrachloride	ND	1	5	ug/Kg	12/18/02	AM
Chlorobenzene	ND	1	5	ug/Kg	12/18/02	AM
Chloroethane	ND	1	5	ug/Kg	12/18/02	AM
Chloroform	ND	1	5	ug/Kg	12/18/02	AM
Chloromethane	ND	1	5	ug/Kg	12/18/02	AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	12/18/02	AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	12/18/02	AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/18/02	AM
Dibromochloromethane	ND	1	5	ug/Kg	12/18/02	AM
Dibromomethane	ND	1	5	ug/Kg	12/18/02	AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	12/18/02	AM
Ethyl benzene	ND	1	5	ug/Kg	12/18/02	AM
Ethyl methacrylate	ND	1	5	ug/Kg	12/18/02	AM
Hexachlorobutadiene	ND	1	5	ug/Kg	12/18/02	AM
Iodomethane	ND	1	5	ug/Kg	12/18/02	AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	12/18/02	AM
Methacrylonitrile	ND	1	5	ug/Kg	12/18/02	AM
Methyl methacrylate	ND	1	5	ug/Kg	12/18/02	AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	12/18/02	AM
Methylene chloride	ND	1	5	ug/Kg	12/18/02	AM
n-Butylbenzene	ND	1	5	ug/Kg	12/18/02	AM
n-Propylbenzene	ND	1	5	ug/Kg	12/18/02	AM
Naphthalene	ND	1	5	ug/Kg	12/18/02	AM
p-Isopropyltoluene	ND	1	5	ug/Kg	12/18/02	AM
Pentachloroethane	ND	1	5	ug/Kg	12/18/02	AM
Propionitrile	ND	1	5	ug/Kg	12/18/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399515
Matrix: SOLID
Date Sampled: 12/16/2002
Time Sampled: 10:01
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX17

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
sec-Butylbenzene	ND	1	5	ug/Kg	12/18/02	AM
Styrene	ND	1	5	ug/Kg	12/18/02	AM
tert-Butylbenzene	ND	1	5	ug/Kg	12/18/02	AM
Tetrachloroethene	ND	1	5	ug/Kg	12/18/02	AM
Toluene	ND	1	5	ug/Kg	12/18/02	AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	12/18/02	AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	12/18/02	AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/18/02	AM
Trichloroethene	ND	1	5	ug/Kg	12/18/02	AM
Trichlorofluoromethane	ND	1	5	ug/Kg	12/18/02	AM
Vinyl acetate	ND	1	50	ug/Kg	12/18/02	AM
Vinyl chloride	ND	1	5	ug/Kg	12/18/02	AM
Xylenes, total	ND	1	5	ug/Kg	12/18/02	AM
Surrogates				**Units**	**Control Limits**	
1,2-Dichloroethane-d4 (sur)	115			%	70 - 130	
Dibromofluoromethane (sur)	112			%	70 - 130	
p-Bromofluorobenzene (sur)	111			%	70 - 130	
Toluene-d8 (sur)	106			%	70 - 130	
8270C Acid/Base/Neutral Extractables						
1,2,4-Trichlorobenzene	ND	3	999.0	ug/Kg	12/19/02	DP
1,2-Dichlorobenzene	ND	3	999.0	ug/Kg	12/19/02	DP
1,3-Dichlorobenzene	ND	3	999.0	ug/Kg	12/19/02	DP
1,4-Dichlorobenzene	ND	3	999.0	ug/Kg	12/19/02	DP
2,4,5-Trichlorophenol	ND	3	4995.0	ug/Kg	12/19/02	DP
2,4,6-Trichlorophenol	ND	3	4995.0	ug/Kg	12/19/02	DP
2,4-Dichlorophenol	ND	3	999.0	ug/Kg	12/19/02	DP
2,4-Dimethylphenol	ND	3	999.0	ug/Kg	12/19/02	DP
2,4-Dinitrophenol	ND	3	4995.0	ug/Kg	12/19/02	DP
2,4-Dinitrotoluene	ND	3	999.0	ug/Kg	12/19/02	DP
2,6-Dinitrotoluene	ND	3	999.0	ug/Kg	12/19/02	DP
2-Chloronaphthalene	ND	3	999.0	ug/Kg	12/19/02	DP
2-Chlorophenol	ND	3	999.0	ug/Kg	12/19/02	DP
2-Methylnaphthalene	ND	3	999.0	ug/Kg	12/19/02	DP
2-Methylphenol	ND	3	999.0	ug/Kg	12/19/02	DP
2-Nitroaniline	ND	3	4995.0	ug/Kg	12/19/02	DP
2-Nitrophenol	ND	3	999.0	ug/Kg	12/19/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399515
Matrix: SOLID
Date Sampled: 12/16/2002
Time Sampled: 10:01
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX17

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	3	999.0	ug/Kg	12/19/02	DP
3-Nitroaniline	ND	3	4995.0	ug/Kg	12/19/02	DP
4,6-Dinitro-2-methylphenol	ND	3	4995.0	ug/Kg	12/19/02	DP
4-Bromophenyl-phenylether	ND	3	999.0	ug/Kg	12/19/02	DP
4-Chloro-3-methylphenol	ND	3	999.0	ug/Kg	12/19/02	DP
4-Chloroaniline	ND	3	999.0	ug/Kg	12/19/02	DP
4-Chlorophenyl-phenylether	ND	3	999.0	ug/Kg	12/19/02	DP
4-Methylphenol	ND	3	999.0	ug/Kg	12/19/02	DP
4-Nitroaniline	ND	3	4995.0	ug/Kg	12/19/02	DP
4-Nitrophenol	ND	3	4995.0	ug/Kg	12/19/02	DP
Acenaphthene	ND	3	999.0	ug/Kg	12/19/02	DP
Acenaphthylene	ND	3	999.0	ug/Kg	12/19/02	DP
Anthracene	ND	3	999.0	ug/Kg	12/19/02	DP
Benzidine	ND	3	999.0	ug/Kg	12/19/02	DP
Benzo(a)anthracene	ND	3	999.0	ug/Kg	12/19/02	DP
Benzo(a)pyrene	ND	3	999.0	ug/Kg	12/19/02	DP
Benzo(b)fluoranthene	ND	3	999.0	ug/Kg	12/19/02	DP
Benzo(g,h,i)perylene	ND	3	999.0	ug/Kg	12/19/02	DP
Benzo(k)fluoranthene	ND	3	999.0	ug/Kg	12/19/02	DP
Benzoic Acid	ND	3	999.0	ug/Kg	12/19/02	DP
Benzyl alcohol	ND	3	999.0	ug/Kg	12/19/02	DP
bis(2-Chloroethoxy)methane	ND	3	999.0	ug/Kg	12/19/02	DP
bis(2-Chloroethyl)ether	ND	3	999.0	ug/Kg	12/19/02	DP
bis(2-Chloroisopropyl) ether	ND	3	999.0	ug/Kg	12/19/02	DP
bis(2-Ethylhexyl)phthalate	ND	3	999.0	ug/Kg	12/19/02	DP
Butylbenzylphthalate	ND	3	999.0	ug/Kg	12/19/02	DP
Chrysene	ND	3	999.0	ug/Kg	12/19/02	DP
Di-n-butylphthalate	ND	3	999.0	ug/Kg	12/19/02	DP
Di-n-octylphthalate	ND	3	999.0	ug/Kg	12/19/02	DP
Dibenz(a,h)anthracene	ND	3	999.0	ug/Kg	12/19/02	DP
Dibenzofuran	ND	3	999.0	ug/Kg	12/19/02	DP
Diethylphthalate	ND	3	999.0	ug/Kg	12/19/02	DP
Dimethylphthalate	ND	3	999.0	ug/Kg	12/19/02	DP
Fluoranthene	ND	3	999.0	ug/Kg	12/19/02	DP
Fluorene	ND	3	999.0	ug/Kg	12/19/02	DP
Hexachlorobenzene	ND	3	999.0	ug/Kg	12/19/02	DP
Hexachlorobutadiene	ND	3	999.0	ug/Kg	12/19/02	DP
Hexachlorocyclopentadiene	ND	3	999.0	ug/Kg	12/19/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399515
Matrix: SOLID
Date Sampled: 12/16/2002
Time Sampled: 10:01
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX17

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Hexachloroethane	ND	3	999.0	ug/Kg	12/19/02	DP
Indeno(1,2,3-c,d)pyrene	ND	3	999.0	ug/Kg	12/19/02	DP
Isophorone	ND	3	999.0	ug/Kg	12/19/02	DP
N-Nitroso-di-n-propylamine	ND	3	999.0	ug/Kg	12/19/02	DP
N-Nitrosodiphenylamine	ND	3	999.0	ug/Kg	12/19/02	DP
Naphthalene	ND	3	999.0	ug/Kg	12/19/02	DP
Nitrobenzene	ND	3	999.0	ug/Kg	12/19/02	DP
Pentachlorophenol	ND	3	4995.0	ug/Kg	12/19/02	DP
Phenanthrene	ND	3	999.0	ug/Kg	12/19/02	DP
Phenol	ND	3	999.0	ug/Kg	12/19/02	DP
Pyrene	ND	3	999.0	ug/Kg	12/19/02	DP
Surrogates				**Units**	**Control Limits**	
2,4,6-Tribromophenol (sur)	87			%	17 - 122	
2-Fluorobiphenyl (sur)	81			%	30 - 115	
2-Fluorophenol (sur)	62			%	25 - 121	
Nitrobenzene-d5 (sur)	76			%	23 - 120	
Phenol-d5 (sur)	64			%	24 - 113	
Terphenyl-d14 (sur)	84			%	18 - 137	
8015M - Total Petroleum Hydrocarbons						
Gasoline	ND	1	5	mg/Kg	12/18/02	LT
Surrogates				**Units**	**Control Limits**	
a,a,a-Trifluorotoluene	88			%	55 - 156	

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399516
Matrix: SOLID
Date Sampled: 12/16/2002
Time Sampled: 10:10
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX18

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	7790	50	1000.0	mg/Kg	12/19/02	AF
C10 - C22	23600	50	1500.0	mg/Kg	12/19/02	AF
C22 - C32	ND	1	50	mg/Kg	12/19/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	473	2365.0	ug/Kg	12/18/02	AM
1,1,1-Trichloroethane	ND	473	2365.0	ug/Kg	12/18/02	AM
1,1,2,2-Tetrachloroethane	ND	473	2365.0	ug/Kg	12/18/02	AM
1,1,2-Trichloroethane	ND	473	2365.0	ug/Kg	12/18/02	AM
1,1,2-Trichlorotrifluoroethane	ND	473	2365.0	ug/Kg	12/18/02	AM
1,1-Dichloroethane	ND	473	2365.0	ug/Kg	12/18/02	AM
1,1-Dichloroethene	ND	473	2365.0	ug/Kg	12/18/02	AM
1,1-Dichloropropene	ND	473	2365.0	ug/Kg	12/18/02	AM
1,2,3-Trichlorobenzene	ND	473	2365.0	ug/Kg	12/18/02	AM
1,2,3-Trichloropropane	ND	473	2365.0	ug/Kg	12/18/02	AM
1,2,4-Trichlorobenzene	ND	473	2365.0	ug/Kg	12/18/02	AM
1,2,4-Trimethylbenzene	24200	473	2365.0	ug/Kg	12/18/02	AM
1,2-Dibromo-3-chloropropane	ND	473	2365.0	ug/Kg	12/18/02	AM
1,2-Dibromoethane	ND	473	2365.0	ug/Kg	12/18/02	AM
1,2-Dichlorobenzene	ND	473	2365.0	ug/Kg	12/18/02	AM
1,2-Dichloroethane	ND	473	2365.0	ug/Kg	12/18/02	AM
1,2-Dichloropropane	ND	473	2365.0	ug/Kg	12/18/02	AM
1,3,5-Trimethylbenzene	99600	473	2365.0	ug/Kg	12/18/02	AM
1,3-Dichlorobenzene	ND	473	2365.0	ug/Kg	12/18/02	AM
1,3-Dichloropropane	ND	473	2365.0	ug/Kg	12/18/02	AM
1,4-Dichlorobenzene	ND	473	2365.0	ug/Kg	12/18/02	AM
1,4-Dioxane	ND	473	94600.0	ug/Kg	12/18/02	AM
1-Chlorohexane	ND	473	2365.0	ug/Kg	12/18/02	AM
2,2-Dichloropropane	ND	473	2365.0	ug/Kg	12/18/02	AM
2-Butanone (MEK)	ND	473	47300.0	ug/Kg	12/18/02	AM
2-Chloroethyl vinyl ether	ND	473	2365.0	ug/Kg	12/18/02	AM
2-Chlorotoluene	ND	473	2365.0	ug/Kg	12/18/02	AM
2-Hexanone	ND	473	2365.0	ug/Kg	12/18/02	AM
4-Chlorotoluene	ND	473	2365.0	ug/Kg	12/18/02	AM
4-Methyl -2- Pentanone	ND	473	2365.0	ug/Kg	12/18/02	AM
Acetone	ND	473	2365.0	ug/Kg	12/18/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399516
Matrix: SOLID
Date Sampled: 12/16/2002
Time Sampled: 10:10
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX18

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
Acetonitrile	ND	473	2365.0	ug/Kg	12/18/02	AM
Acrolein	ND	473	94600.0	ug/Kg	12/18/02	AM
Acrylonitrile	ND	473	2365.0	ug/Kg	12/18/02	AM
Allyl chloride	ND	473	2365.0	ug/Kg	12/18/02	AM
Benzene	ND	473	2365.0	ug/Kg	12/18/02	AM
Benzyl chloride	ND	473	2365.0	ug/Kg	12/18/02	AM
Bromobenzene	ND	473	2365.0	ug/Kg	12/18/02	AM
Bromochloromethane	ND	473	2365.0	ug/Kg	12/18/02	AM
Bromodichloromethane	ND	473	2365.0	ug/Kg	12/18/02	AM
Bromoform	ND	473	2365.0	ug/Kg	12/18/02	AM
Bromomethane	ND	473	2365.0	ug/Kg	12/18/02	AM
Carbon Disulfide	ND	473	2365.0	ug/Kg	12/18/02	AM
Carbon tetrachloride	ND	473	2365.0	ug/Kg	12/18/02	AM
Chlorobenzene	ND	473	2365.0	ug/Kg	12/18/02	AM
Chloroethane	ND	473	2365.0	ug/Kg	12/18/02	AM
Chloroform	ND	473	2365.0	ug/Kg	12/18/02	AM
Chloromethane	ND	473	2365.0	ug/Kg	12/18/02	AM
cis-1,2-Dichloroethene	ND	473	2365.0	ug/Kg	12/18/02	AM
cis-1,3-Dichloropropene	ND	473	2365.0	ug/Kg	12/18/02	AM
cis-1,4-Dichloro-2-butene	ND	473	2365.0	ug/Kg	12/18/02	AM
Dibromochloromethane	ND	473	2365.0	ug/Kg	12/18/02	AM
Dibromomethane	ND	473	2365.0	ug/Kg	12/18/02	AM
Dichlorodifluoromethane	ND	473	2365.0	ug/Kg	12/18/02	AM
Ethyl benzene	12400	473	2365.0	ug/Kg	12/18/02	AM
Ethyl methacrylate	ND	473	2365.0	ug/Kg	12/18/02	AM
Hexachlorobutadiene	ND	473	2365.0	ug/Kg	12/18/02	AM
Iodomethane	ND	473	2365.0	ug/Kg	12/18/02	AM
Isopropylbenzene (Cumene)	6860	473	2365.0	ug/Kg	12/18/02	AM
Methacrylonitrile	ND	473	2365.0	ug/Kg	12/18/02	AM
Methyl methacrylate	ND	473	2365.0	ug/Kg	12/18/02	AM
Methyl-tert-butylether (MTBE)	ND	473	2365.0	ug/Kg	12/18/02	AM
Methylene chloride	ND	473	2365.0	ug/Kg	12/18/02	AM
n-Butylbenzene	38900	473	2365.0	ug/Kg	12/18/02	AM
n-Propylbenzene	10200	473	2365.0	ug/Kg	12/18/02	AM
Naphthalene	46500	473	2365.0	ug/Kg	12/18/02	AM
p-Isopropyltoluene	29400	473	2365.0	ug/Kg	12/18/02	AM
Pentachloroethane	ND	473	2365.0	ug/Kg	12/18/02	AM
Propionitrile	ND	473	2365.0	ug/Kg	12/18/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399516
Matrix: SOLID
Date Sampled: 12/16/2002
Time Sampled: 10:10
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX18

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
sec-Butylbenzene	21600	473	2365.0	ug/Kg	12/18/02	AM
Styrene	ND	473	2365.0	ug/Kg	12/18/02	AM
tert-Butylbenzene	ND	473	2365.0	ug/Kg	12/18/02	AM
Tetrachloroethene	ND	473	2365.0	ug/Kg	12/18/02	AM
Toluene	ND	473	2365.0	ug/Kg	12/18/02	AM
trans-1,2-Dichloroethene	ND	473	2365.0	ug/Kg	12/18/02	AM
trans-1,3-Dichloropropene	ND	473	2365.0	ug/Kg	12/18/02	AM
trans-1,4-Dichloro-2-butene	ND	473	2365.0	ug/Kg	12/18/02	AM
Trichloroethene	ND	473	2365.0	ug/Kg	12/18/02	AM
Trichlorofluoromethane	ND	473	2365.0	ug/Kg	12/18/02	AM
Vinyl acetate	ND	473	23650.0	ug/Kg	12/18/02	AM
Vinyl chloride	ND	473	2365.0	ug/Kg	12/18/02	AM
Xylenes, total	12700	473	2365.0	ug/Kg	12/18/02	AM

Surrogates		Units	Control Limits
1,2-Dichloroethane-d4 (sur)	104	%	70 - 130
Dibromofluoromethane (sur)	116	%	70 - 130
p-Bromofluorobenzene (sur)	124	%	70 - 130
Toluene-d8 (sur)	93	%	70 - 130

8270C Acid/Base/Neutral Extractables

1,2,4-Trichlorobenzene	ND	3	999.0	ug/Kg	12/19/02	DP
1,2-Dichlorobenzene	ND	3	999.0	ug/Kg	12/19/02	DP
1,3-Dichlorobenzene	ND	3	999.0	ug/Kg	12/19/02	DP
1,4-Dichlorobenzene	ND	3	999.0	ug/Kg	12/19/02	DP
2,4,5-Trichlorophenol	ND	3	4995.0	ug/Kg	12/19/02	DP
2,4,6-Trichlorophenol	ND	3	4995.0	ug/Kg	12/19/02	DP
2,4-Dichlorophenol	ND	3	999.0	ug/Kg	12/19/02	DP
2,4-Dimethylphenol	ND	3	999.0	ug/Kg	12/19/02	DP
2,4-Dinitrophenol	ND	3	4995.0	ug/Kg	12/19/02	DP
2,4-Dinitrotoluene	ND	3	999.0	ug/Kg	12/19/02	DP
2,6-Dinitrotoluene	ND	3	999.0	ug/Kg	12/19/02	DP
2-Chloronaphthalene	ND	3	999.0	ug/Kg	12/19/02	DP
2-Chlorophenol	ND	3	999.0	ug/Kg	12/19/02	DP
2-Methylnaphthalene	31100	3	999.0	ug/Kg	12/19/02	DP
2-Methylphenol	ND	3	999.0	ug/Kg	12/19/02	DP
2-Nitroaniline	ND	3	4995.0	ug/Kg	12/19/02	DP
2-Nitrophenol	ND	3	999.0	ug/Kg	12/19/02	DP

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Order #: 399516
Matrix: SOLID
Date Sampled: 12/16/2002
Time Sampled: 10:10
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX18

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	3	999.0	ug/Kg	12/19/02	DP
3-Nitroaniline	ND	3	4995.0	ug/Kg	12/19/02	DP
4,6-Dinitro-2-methylphenol	ND	3	4995.0	ug/Kg	12/19/02	DP
4-Bromophenyl-phenylether	ND	3	999.0	ug/Kg	12/19/02	DP
4-Chloro-3-methylphenol	ND	3	999.0	ug/Kg	12/19/02	DP
4-Chloroaniline	ND	3	999.0	ug/Kg	12/19/02	DP
4-Chlorophenyl-phenylether	ND	3	999.0	ug/Kg	12/19/02	DP
4-Methylphenol	ND	3	999.0	ug/Kg	12/19/02	DP
4-Nitroaniline	ND	3	4995.0	ug/Kg	12/19/02	DP
4-Nitrophenol	ND	3	4995.0	ug/Kg	12/19/02	DP
Acenaphthene	ND	3	999.0	ug/Kg	12/19/02	DP
Acenaphthylene	ND	3	999.0	ug/Kg	12/19/02	DP
Anthracene	ND	3	999.0	ug/Kg	12/19/02	DP
Benzidine	ND	3	999.0	ug/Kg	12/19/02	DP
Benzo(a)anthracene	ND	3	999.0	ug/Kg	12/19/02	DP
Benzo(a)pyrene	ND	3	999.0	ug/Kg	12/19/02	DP
Benzo(b)fluoranthene	ND	3	999.0	ug/Kg	12/19/02	DP
Benzo(g,h,i)perylene	ND	3	999.0	ug/Kg	12/19/02	DP
Benzo(k)fluoranthene	ND	3	999.0	ug/Kg	12/19/02	DP
Benzoic Acid	ND	3	999.0	ug/Kg	12/19/02	DP
Benzyl alcohol	ND	3	999.0	ug/Kg	12/19/02	DP
bis(2-Chloroethoxy)methane	ND	3	999.0	ug/Kg	12/19/02	DP
bis(2-Chloroethyl)ether	ND	3	999.0	ug/Kg	12/19/02	DP
bis(2-Chloroisopropyl) ether	ND	3	999.0	ug/Kg	12/19/02	DP
bis(2-Ethylhexyl)phthalate	ND	3	999.0	ug/Kg	12/19/02	DP
Butylbenzylphthalate	ND	3	999.0	ug/Kg	12/19/02	DP
Chrysene	ND	3	999.0	ug/Kg	12/19/02	DP
Di-n-butylphthalate	ND	3	999.0	ug/Kg	12/19/02	DP
Di-n-octylphthalate	ND	3	999.0	ug/Kg	12/19/02	DP
Dibenz(a,h)anthracene	ND	3	999.0	ug/Kg	12/19/02	DP
Dibenzofuran	ND	3	999.0	ug/Kg	12/19/02	DP
Diethylphthalate	ND	3	999.0	ug/Kg	12/19/02	DP
Dimethylphthalate	ND	3	999.0	ug/Kg	12/19/02	DP
Fluoranthene	ND	3	999.0	ug/Kg	12/19/02	DP
Fluorene	ND	3	999.0	ug/Kg	12/19/02	DP
Hexachlorobenzene	ND	3	999.0	ug/Kg	12/19/02	DP
Hexachlorobutadiene	ND	3	999.0	ug/Kg	12/19/02	DP
Hexachlorocyclopentadiene	ND	3	999.0	ug/Kg	12/19/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399516
Matrix: SOLID
Date Sampled: 12/16/2002
Time Sampled: 10:10
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX18

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Hexachloroethane	ND	3	999.0	ug/Kg	12/19/02	DP
Indeno(1,2,3-c,d)pyrene	ND	3	999.0	ug/Kg	12/19/02	DP
Isophorone	ND	3	999.0	ug/Kg	12/19/02	DP
N-Nitroso-di-n-propylamine	ND	3	999.0	ug/Kg	12/19/02	DP
N-Nitrosodiphenylamine	ND	3	999.0	ug/Kg	12/19/02	DP
Naphthalene	14500	3	999.0	ug/Kg	12/19/02	DP
Nitrobenzene	ND	3	999.0	ug/Kg	12/19/02	DP
Pentachlorophenol	ND	3	4995.0	ug/Kg	12/19/02	DP
Phenanthrene	ND	3	999.0	ug/Kg	12/19/02	DP
Phenol	ND	3	999.0	ug/Kg	12/19/02	DP
Pyrene	ND	3	999.0	ug/Kg	12/19/02	DP
Surrogates				**Units**	**Control Limits**	
2,4,6-Tribromophenol (sur)	53			%	17 - 122	
2-Fluorobiphenyl (sur)	70			%	30 - 115	
2-Fluorophenol (sur)	26			%	25 - 121	
Nitrobenzene-d5 (sur)	207			%	23 - 120	
Phenol-d5 (sur)	40			%	24 - 113	
Terphenyl-d14 (sur)	69			%	18 - 137	

8015M - Total Petroleum Hydrocarbons

Gasoline	1370	250	1250.0	mg/Kg	12/18/02	LT
Surrogates				**Units**	**Control Limits**	
a,a,a-Trifluorotoluene	78			%	55 - 156	

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Order #: 399517
Matrix: SOLID
Date Sampled: 12/16/2002
Time Sampled: 10:20
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX19

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	13900	50	1000.0	mg/Kg	12/19/02	AF
C10 - C22	35000	50	1500.0	mg/Kg	12/19/02	AF
C22 - C32	ND	1	50	mg/Kg	12/19/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	452	2260.0	ug/Kg	12/18/02	AM
1,1,1-Trichloroethane	ND	452	2260.0	ug/Kg	12/18/02	AM
1,1,2,2-Tetrachloroethane	ND	452	2260.0	ug/Kg	12/18/02	AM
1,1,2-Trichloroethane	ND	452	2260.0	ug/Kg	12/18/02	AM
1,1,2-Trichlorotrifluoroethane	ND	452	2260.0	ug/Kg	12/18/02	AM
1,1-Dichloroethane	ND	452	2260.0	ug/Kg	12/18/02	AM
1,1-Dichloroethene	ND	452	2260.0	ug/Kg	12/18/02	AM
1,1-Dichloropropene	ND	452	2260.0	ug/Kg	12/18/02	AM
1,2,3-Trichlorobenzene	ND	452	2260.0	ug/Kg	12/18/02	AM
1,2,3-Trichloropropane	ND	452	2260.0	ug/Kg	12/18/02	AM
1,2,4-Trichlorobenzene	ND	452	2260.0	ug/Kg	12/18/02	AM
1,2,4-Trimethylbenzene	103000	452	2260.0	ug/Kg	12/18/02	AM
1,2-Dibromo-3-chloropropane	ND	452	2260.0	ug/Kg	12/18/02	AM
1,2-Dibromoethane	ND	452	2260.0	ug/Kg	12/18/02	AM
1,2-Dichlorobenzene	ND	452	2260.0	ug/Kg	12/18/02	AM
1,2-Dichloroethane	ND	452	2260.0	ug/Kg	12/18/02	AM
1,2-Dichloropropane	ND	452	2260.0	ug/Kg	12/18/02	AM
1,3,5-Trimethylbenzene	22700	452	2260.0	ug/Kg	12/18/02	AM
1,3-Dichlorobenzene	ND	452	2260.0	ug/Kg	12/18/02	AM
1,3-Dichloropropane	ND	452	2260.0	ug/Kg	12/18/02	AM
1,4-Dichlorobenzene	ND	452	2260.0	ug/Kg	12/18/02	AM
1,4-Dioxane	ND	452	90400.0	ug/Kg	12/18/02	AM
1-Chlorohexane	ND	452	2260.0	ug/Kg	12/18/02	AM
2,2-Dichloropropane	ND	452	2260.0	ug/Kg	12/18/02	AM
2-Butanone (MEK)	ND	452	45200.0	ug/Kg	12/18/02	AM
2-Chloroethyl vinyl ether	ND	452	2260.0	ug/Kg	12/18/02	AM
2-Chlorotoluene	ND	452	2260.0	ug/Kg	12/18/02	AM
2-Hexanone	ND	452	2260.0	ug/Kg	12/18/02	AM
4-Chlorotoluene	ND	452	2260.0	ug/Kg	12/18/02	AM
4-Methyl -2- Pentanone	ND	452	2260.0	ug/Kg	12/18/02	AM
Acetone	ND	452	2260.0	ug/Kg	12/18/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399517
Matrix: SOLID
Date Sampled: 12/16/2002
Time Sampled: 10:20
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX19

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
Acetonitrile	ND	452	2260.0	ug/Kg	12/18/02	AM
Acrolein	ND	452	90400.0	ug/Kg	12/18/02	AM
Acrylonitrile	ND	452	2260.0	ug/Kg	12/18/02	AM
Allyl chloride	ND	452	2260.0	ug/Kg	12/18/02	AM
Benzene	ND	452	2260.0	ug/Kg	12/18/02	AM
Benzyl chloride	ND	452	2260.0	ug/Kg	12/18/02	AM
Bromobenzene	ND	452	2260.0	ug/Kg	12/18/02	AM
Bromochloromethane	ND	452	2260.0	ug/Kg	12/18/02	AM
Bromodichloromethane	ND	452	2260.0	ug/Kg	12/18/02	AM
Bromoform	ND	452	2260.0	ug/Kg	12/18/02	AM
Bromomethane	ND	452	2260.0	ug/Kg	12/18/02	AM
Carbon Disulfide	ND	452	2260.0	ug/Kg	12/18/02	AM
Carbon tetrachloride	ND	452	2260.0	ug/Kg	12/18/02	AM
Chlorobenzene	ND	452	2260.0	ug/Kg	12/18/02	AM
Chloroethane	ND	452	2260.0	ug/Kg	12/18/02	AM
Chloroform	ND	452	2260.0	ug/Kg	12/18/02	AM
Chloromethane	ND	452	2260.0	ug/Kg	12/18/02	AM
cis-1,2-Dichloroethene	ND	452	2260.0	ug/Kg	12/18/02	AM
cis-1,3-Dichloropropene	ND	452	2260.0	ug/Kg	12/18/02	AM
cis-1,4-Dichloro-2-butene	ND	452	2260.0	ug/Kg	12/18/02	AM
Dibromochloromethane	ND	452	2260.0	ug/Kg	12/18/02	AM
Dibromomethane	ND	452	2260.0	ug/Kg	12/18/02	AM
Dichlorodifluoromethane	ND	452	2260.0	ug/Kg	12/18/02	AM
Ethyl benzene	16000	452	2260.0	ug/Kg	12/18/02	AM
Ethyl methacrylate	ND	452	2260.0	ug/Kg	12/18/02	AM
Hexachlorobutadiene	ND	452	2260.0	ug/Kg	12/18/02	AM
Iodomethane	ND	452	2260.0	ug/Kg	12/18/02	AM
Isopropylbenzene (Cumene)	7640	452	2260.0	ug/Kg	12/18/02	AM
Methacrylonitrile	ND	452	2260.0	ug/Kg	12/18/02	AM
Methyl methacrylate	ND	452	2260.0	ug/Kg	12/18/02	AM
Methyl-tert-butylether (MTBE)	ND	452	2260.0	ug/Kg	12/18/02	AM
Methylene chloride	ND	452	2260.0	ug/Kg	12/18/02	AM
n-Butylbenzene	36800	452	2260.0	ug/Kg	12/18/02	AM
n-Propylbenzene	11400	452	2260.0	ug/Kg	12/18/02	AM
Naphthalene	45100	452	2260.0	ug/Kg	12/18/02	AM
p-Isopropyltoluene	31000	452	2260.0	ug/Kg	12/18/02	AM
Pentachloroethane	ND	452	2260.0	ug/Kg	12/18/02	AM
Propionitrile	ND	452	2260.0	ug/Kg	12/18/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399517
Matrix: SOLID
Date Sampled: 12/16/2002
Time Sampled: 10:20
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX19

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
sec-Butylbenzene	ND	452	2260.0	ug/Kg	12/18/02	AM
Styrene	ND	452	2260.0	ug/Kg	12/18/02	AM
tert-Butylbenzene	ND	452	2260.0	ug/Kg	12/18/02	AM
Tetrachloroethene	ND	452	2260.0	ug/Kg	12/18/02	AM
Toluene	ND	452	2260.0	ug/Kg	12/18/02	AM
trans-1,2-Dichloroethene	ND	452	2260.0	ug/Kg	12/18/02	AM
trans-1,3-Dichloropropene	ND	452	2260.0	ug/Kg	12/18/02	AM
trans-1,4-Dichloro-2-butene	ND	452	2260.0	ug/Kg	12/18/02	AM
Trichloroethene	ND	452	2260.0	ug/Kg	12/18/02	AM
Trichlorofluoromethane	ND	452	2260.0	ug/Kg	12/18/02	AM
Vinyl acetate	ND	452	22600.0	ug/Kg	12/18/02	AM
Vinyl chloride	ND	452	2260.0	ug/Kg	12/18/02	AM
Xylenes, total	17500	452	2260.0	ug/Kg	12/18/02	AM

Surrogates		Units	Control Limits
1,2-Dichloroethane-d4 (sur)	105	%	70 - 130
Dibromofluoromethane (sur)	110	%	70 - 130
p-Bromofluorobenzene (sur)	133	%	70 - 130
Toluene-d8 (sur)	106	%	70 - 130

8270C Acid/Base/Neutral Extractables

1,2,4-Trichlorobenzene	ND	3	999.0	ug/Kg	12/19/02	DP
1,2-Dichlorobenzene	ND	3	999.0	ug/Kg	12/19/02	DP
1,3-Dichlorobenzene	ND	3	999.0	ug/Kg	12/19/02	DP
1,4-Dichlorobenzene	ND	3	999.0	ug/Kg	12/19/02	DP
2,4,5-Trichlorophenol	ND	3	4995.0	ug/Kg	12/19/02	DP
2,4,6-Trichlorophenol	ND	3	4995.0	ug/Kg	12/19/02	DP
2,4-Dichlorophenol	ND	3	999.0	ug/Kg	12/19/02	DP
2,4-Dimethylphenol	ND	3	999.0	ug/Kg	12/19/02	DP
2,4-Dinitrophenol	ND	3	4995.0	ug/Kg	12/19/02	DP
2,4-Dinitrotoluene	ND	3	999.0	ug/Kg	12/19/02	DP
2,6-Dinitrotoluene	ND	3	999.0	ug/Kg	12/19/02	DP
2-Chloronaphthalene	ND	3	999.0	ug/Kg	12/19/02	DP
2-Chlorophenol	ND	3	999.0	ug/Kg	12/19/02	DP
2-Methylnaphthalene	43700	3	999.0	ug/Kg	12/19/02	DP
2-Methylphenol	ND	3	999.0	ug/Kg	12/19/02	DP
2-Nitroaniline	ND	3	4995.0	ug/Kg	12/19/02	DP
2-Nitrophenol	ND	3	999.0	ug/Kg	12/19/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399517
Matrix: SOLID
Date Sampled: 12/16/2002
Time Sampled: 10:20
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX19

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
3,3-Dichlorobenzidine	ND	3	999.0	ug/Kg	12/19/02	DP
3-Nitroaniline	ND	3	4995.0	ug/Kg	12/19/02	DP
4,6-Dinitro-2-methylphenol	ND	3	4995.0	ug/Kg	12/19/02	DP
4-Bromophenyl-phenylether	ND	3	999.0	ug/Kg	12/19/02	DP
4-Chloro-3-methylphenol	ND	3	999.0	ug/Kg	12/19/02	DP
4-Chloroaniline	ND	3	999.0	ug/Kg	12/19/02	DP
4-Chlorophenyl-phenylether	ND	3	999.0	ug/Kg	12/19/02	DP
4-Methylphenol	ND	3	999.0	ug/Kg	12/19/02	DP
4-Nitroaniline	ND	3	4995.0	ug/Kg	12/19/02	DP
4-Nitrophenol	ND	3	4995.0	ug/Kg	12/19/02	DP
Acenaphthene	ND	3	999.0	ug/Kg	12/19/02	DP
Acenaphthylene	ND	3	999.0	ug/Kg	12/19/02	DP
Anthracene	ND	3	999.0	ug/Kg	12/19/02	DP
Benzidine	ND	3	999.0	ug/Kg	12/19/02	DP
Benzo(a)anthracene	ND	3	999.0	ug/Kg	12/19/02	DP
Benzo(a)pyrene	ND	3	999.0	ug/Kg	12/19/02	DP
Benzo(b)fluoranthene	ND	3	999.0	ug/Kg	12/19/02	DP
Benzo(g,h,i)perylene	ND	3	999.0	ug/Kg	12/19/02	DP
Benzo(k)fluoranthene	ND	3	999.0	ug/Kg	12/19/02	DP
Benzoic Acid	ND	3	999.0	ug/Kg	12/19/02	DP
Benzyl alcohol	ND	3	999.0	ug/Kg	12/19/02	DP
bis(2-Chloroethoxy)methane	ND	3	999.0	ug/Kg	12/19/02	DP
bis(2-Chloroethyl)ether	ND	3	999.0	ug/Kg	12/19/02	DP
bis(2-Chloroisopropyl) ether	ND	3	999.0	ug/Kg	12/19/02	DP
bis(2-Ethylhexyl)phthalate	ND	3	999.0	ug/Kg	12/19/02	DP
Butylbenzylphthalate	ND	3	999.0	ug/Kg	12/19/02	DP
Chrysene	ND	3	999.0	ug/Kg	12/19/02	DP
Di-n-butylphthalate	ND	3	999.0	ug/Kg	12/19/02	DP
Di-n-octylphthalate	ND	3	999.0	ug/Kg	12/19/02	DP
Dibenz(a,h)anthracene	ND	3	999.0	ug/Kg	12/19/02	DP
Dibenzofuran	ND	3	999.0	ug/Kg	12/19/02	DP
Diethylphthalate	ND	3	999.0	ug/Kg	12/19/02	DP
Dimethylphthalate	ND	3	999.0	ug/Kg	12/19/02	DP
Fluoranthene	ND	3	999.0	ug/Kg	12/19/02	DP
Fluorene	ND	3	999.0	ug/Kg	12/19/02	DP
Hexachlorobenzene	ND	3	999.0	ug/Kg	12/19/02	DP
Hexachlorobutadiene	ND	3	999.0	ug/Kg	12/19/02	DP
Hexachlorocyclopentadiene	ND	3	999.0	ug/Kg	12/19/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 399517
Matrix: SOLID
Date Sampled: 12/16/2002
Time Sampled: 10:20
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX19

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Hexachloroethane	ND	3	999.0	ug/Kg	12/19/02	DP
Indeno(1,2,3-c,d)pyrene	ND	3	999.0	ug/Kg	12/19/02	DP
Isophorone	ND	3	999.0	ug/Kg	12/19/02	DP
N-Nitroso-di-n-propylamine	ND	3	999.0	ug/Kg	12/19/02	DP
N-Nitrosodiphenylamine	ND	3	999.0	ug/Kg	12/19/02	DP
Naphthalene	19500	3	999.0	ug/Kg	12/19/02	DP
Nitrobenzene	ND	3	999.0	ug/Kg	12/19/02	DP
Pentachlorophenol	ND	3	4995.0	ug/Kg	12/19/02	DP
Phenanthrene	ND	3	999.0	ug/Kg	12/19/02	DP
Phenol	ND	3	999.0	ug/Kg	12/19/02	DP
Pyrene	ND	3	999.0	ug/Kg	12/19/02	DP
8015M - Total Petroleum Hydrocarbons						
Gasoline	2220	250	1250.0	mg/Kg	12/18/02	LT
Surrogates				**Units**	**Control Limits**	
a,a,a-Trifluorotoluene	64			%	55 - 156	

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

ASSOCIATED LABORATORIES

NARRATIVE

Date: December 31, 2002

Narrative for Lab Request LR: 103804

Client Project Identification:
Project: West POL
This narrative includes all samples as shown on the attached Lab Request final report.

Analyses Requested:

- EPA 8015M – Total Petroleum Hydrocarbons.
- EPA 8015 – Carbon Chain I.
- EPA 8260B – Volatile Organic Compounds.
- EPA 8270C – Acid & Base/Neutral Extractables.

Data Validation:

Holding Times
All EPA designated holding times were met.

Calibration
All QC data, including MS/MSD, LCS, Method Blanks, and Surrogate Recoveries, were within control limits.

Quality Control Samples
Following is a summary of the QC data, along with an explanation of any samples that were outside QC limits and corrective actions that were taken:

- **EPA 8260:** Surrogate recoveries for p-Bromofluorobenze were outside limits in Samples #498 & 517, due to matrix interference. Corrective action: No corrective action necessary. All other QC data conformed. Therefore, the analytical batch was accepted.

- **EPA 8270:** The MS for 4-Nitrophenol was outside limits, due to matrix interference. Also, the following surrogate were outside limits: Nitrobenzene-d5 in the MS/MSD and Samples #509 and 516; and 2-Fluorobiphenyl in the MS. Corrective action: No corrective action necessary. All other QC data conformed, including the LCS and Method Blank. Furthermore, the bulk of MS/MSD and surrogate recoveries conformed. Therefore, the analytical batch was accepted.

- **EPA 8015M (TPH) & 8015 (CCI):** All QC data was within control limits

Other Anomalies or Comments
The reporting limit (DLR) is adjusted if dilution of the sample is necessary.

Associated Laboratories
806 N. Batavia
Orange, CA 92868

Phone: 714-771-6900
Fax: 714-538-1209

LAB REQUEST: 103804

CLIENT: Foster Wheeler Environmental Corp.

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ASSOCIATED LABORATORIES
806 North Batavia - Orange, California 92868 - 714/771-6900 *FAX 714/538-1209*

CLIENT Foster Wheeler Environmental Corp. (7935)
ATTN: James Morning
P.O. Box 540
HAFB, NM 88330

LAB REQUEST 104098
REPORTED 12/31/2002
RECEIVED 12/20/2002

PROJECT WP01

SUBMITTER Client

COMMENTS

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

Order No.	Client Sample Identification
400609	WPOLEX9A
400610	WPOLEX9B
400611	WPOLSS08
400612	Laboratory Method Blank

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABORATORIES by,

Edward S. Behare, Ph.D.
Vice President

NOTE: Unless notified in writing , all samples will be discarded by appropriate disposal protocol 30 days from date reported.

TESTING & CONSULTING
Chemical
Microbiological
Environmental

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Order #: 400609
Matrix: SOLID
Date Sampled: 12/18/2002
Time Sampled: 07:50
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX9A

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	600	1	20	mg/Kg	12/23/02	AF
C10 - C22	225	1	30	mg/Kg	12/23/02	AF
C22 - C32	ND	1	50	mg/Kg	12/23/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	100	500.0	ug/Kg	12/23/02	AM
1,1,1-Trichloroethane	ND	100	500.0	ug/Kg	12/23/02	AM
1,1,2,2-Tetrachloroethane	ND	100	500.0	ug/Kg	12/23/02	AM
1,1,2-Trichloroethane	ND	100	500.0	ug/Kg	12/23/02	AM
1,1,2-Trichlorotrifluoroethane	ND	100	500.0	ug/Kg	12/23/02	AM
1,1-Dichloroethane	ND	100	500.0	ug/Kg	12/23/02	AM
1,1-Dichloroethene	ND	100	500.0	ug/Kg	12/23/02	AM
1,1-Dichloropropene	ND	100	500.0	ug/Kg	12/23/02	AM
1,2,3-Trichlorobenzene	ND	100	500.0	ug/Kg	12/23/02	AM
1,2,3-Trichloropropane	ND	100	500.0	ug/Kg	12/23/02	AM
1,2,4-Trichlorobenzene	ND	100	500.0	ug/Kg	12/23/02	AM
1,2,4-Trimethylbenzene	437	100	500.0	ug/Kg	12/23/02	AM
1,2-Dibromo-3-chloropropane	ND	100	500.0	ug/Kg	12/23/02	AM
1,2-Dibromoethane	ND	100	500.0	ug/Kg	12/23/02	AM
1,2-Dichlorobenzene	ND	100	500.0	ug/Kg	12/23/02	AM
1,2-Dichloroethane	ND	100	500.0	ug/Kg	12/23/02	AM
1,2-Dichloropropane	ND	100	500.0	ug/Kg	12/23/02	AM
1,3,5-Trimethylbenzene	445	100	500.0	ug/Kg	12/23/02	AM
1,3-Dichlorobenzene	ND	100	500.0	ug/Kg	12/23/02	AM
1,3-Dichloropropane	ND	100	500.0	ug/Kg	12/23/02	AM
1,4-Dichlorobenzene	ND	100	500.0	ug/Kg	12/23/02	AM
1,4-Dioxane	ND	100	20000.0	ug/Kg	12/23/02	AM
1-Chlorohexane	ND	100	500.0	ug/Kg	12/23/02	AM
2,2-Dichloropropane	ND	100	500.0	ug/Kg	12/23/02	AM
2-Butanone (MEK)	ND	100	10000.0	ug/Kg	12/23/02	AM
2-Chloroethyl vinyl ether	ND	100	500.0	ug/Kg	12/23/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 400609
Matrix: SOLID
Date Sampled: 12/18/2002
Time Sampled: 07:50
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX9A

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
2-Chlorotoluene	ND	100	500.0	ug/Kg	12/23/02	AM
2-Hexanone	ND	100	500.0	ug/Kg	12/23/02	AM
4-Chlorotoluene	ND	100	500.0	ug/Kg	12/23/02	AM
4-Methyl -2- Pentanone	ND	100	500.0	ug/Kg	12/23/02	AM
Acetone	ND	100	500.0	ug/Kg	12/23/02	AM
Acetonitrile	ND	100	500.0	ug/Kg	12/23/02	AM
Acrolein	ND	100	20000.0	ug/Kg	12/23/02	AM
Acrylonitrile	ND	100	500.0	ug/Kg	12/23/02	AM
Allyl chloride	ND	100	500.0	ug/Kg	12/23/02	AM
Benzene	ND	100	500.0	ug/Kg	12/23/02	AM
Benzyl chloride	ND	100	500.0	ug/Kg	12/23/02	AM
Bromobenzene	ND	100	500.0	ug/Kg	12/23/02	AM
Bromochloromethane	ND	100	500.0	ug/Kg	12/23/02	AM
Bromodichloromethane	ND	100	500.0	ug/Kg	12/23/02	AM
Bromoform	ND	100	500.0	ug/Kg	12/23/02	AM
Bromomethane	ND	100	500.0	ug/Kg	12/23/02	AM
Carbon Disulfide	ND	100	500.0	ug/Kg	12/23/02	AM
Carbon tetrachloride	ND	100	500.0	ug/Kg	12/23/02	AM
Chlorobenzene	ND	100	500.0	ug/Kg	12/23/02	AM
Chloroethane	ND	100	500.0	ug/Kg	12/23/02	AM
Chloroform	ND	100	500.0	ug/Kg	12/23/02	AM
Chloromethane	ND	100	500.0	ug/Kg	12/23/02	AM
cis-1,2-Dichloroethene	ND	100	500.0	ug/Kg	12/23/02	AM
cis-1,3-Dichloropropene	ND	100	500.0	ug/Kg	12/23/02	AM
cis-1,4-Dichloro-2-butene	ND	100	500.0	ug/Kg	12/23/02	AM
Dibromochloromethane	ND	100	500.0	ug/Kg	12/23/02	AM
Dibromomethane	ND	100	500.0	ug/Kg	12/23/02	AM
Dichlorodifluoromethane	ND	100	500.0	ug/Kg	12/23/02	AM
Ethyl benzene	1800	100	500.0	ug/Kg	12/23/02	AM
Ethyl methacrylate	ND	100	500.0	ug/Kg	12/23/02	AM
Hexachlorobutadiene	ND	100	500.0	ug/Kg	12/23/02	AM
Iodomethane	ND	100	500.0	ug/Kg	12/23/02	AM
Isopropylbenzene (Cumene)	1070	100	500.0	ug/Kg	12/23/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 400609
Matrix: SOLID
Date Sampled: 12/18/2002
Time Sampled: 07:50
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX9A

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
m and p-Xylene	ND	100	500.0	ug/Kg	12/23/02	AM
Methacrylonitrile	ND	100	500.0	ug/Kg	12/23/02	AM
Methyl methacrylate	ND	100	500.0	ug/Kg	12/23/02	AM
Methyl-tert-butylether (MTBE)	ND	100	500.0	ug/Kg	12/23/02	AM
Methylene chloride	ND	100	500.0	ug/Kg	12/23/02	AM
n-Butylbenzene	732	100	500.0	ug/Kg	12/23/02	AM
n-Propylbenzene	1850	100	500.0	ug/Kg	12/23/02	AM
Naphthalene	2690	100	500.0	ug/Kg	12/23/02	AM
o-Xylene	ND	100	500.0	ug/Kg	12/23/02	AM
p-Isopropyltoluene	1150	100	500.0	ug/Kg	12/23/02	AM
Pentachloroethane	ND	100	500.0	ug/Kg	12/23/02	AM
Propionitrile	ND	100	500.0	ug/Kg	12/23/02	AM
sec-Butylbenzene	2210	100	500.0	ug/Kg	12/23/02	AM
Styrene	ND	100	500.0	ug/Kg	12/23/02	AM
tert-Butylbenzene	ND	100	500.0	ug/Kg	12/23/02	AM
Tetrachloroethene	ND	100	500.0	ug/Kg	12/23/02	AM
Toluene	ND	100	500.0	ug/Kg	12/23/02	AM
trans-1,2-Dichloroethene	ND	100	500.0	ug/Kg	12/23/02	AM
trans-1,3-Dichloropropene	ND	100	500.0	ug/Kg	12/23/02	AM
trans-1,4-Dichloro-2-butene	ND	100	500.0	ug/Kg	12/23/02	AM
Trichloroethene	ND	100	500.0	ug/Kg	12/23/02	AM
Trichlorofluoromethane	ND	100	500.0	ug/Kg	12/23/02	AM
Vinyl acetate	ND	100	5000.0	ug/Kg	12/23/02	AM
Vinyl chloride	ND	100	500.0	ug/Kg	12/23/02	AM
Xylenes, total	ND	100	500.0	ug/Kg	12/23/02	AM

Surrogates		Units	Control Limits
1,2-Dichloroethane-d4 (sur)	116	%	70 - 130
Dibromofluoromethane (sur)	106	%	70 - 130
p-Bromofluorobenzene (sur)	121	%	70 - 130
Toluene-d8 (sur)	103	%	70 - 130

8270C Acid/Base/Neutral Extractables

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 400609
Matrix: SOLID
Date Sampled: 12/18/2002
Time Sampled: 07:50
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX9A

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
1,2,4-Trichlorobenzene	ND	3	999.0	ug/Kg	12/25/02	DP
1,2-Dichlorobenzene	ND	3	999.0	ug/Kg	12/25/02	DP
1,3-Dichlorobenzene	ND	3	999.0	ug/Kg	12/25/02	DP
1,4-Dichlorobenzene	ND	3	999.0	ug/Kg	12/25/02	DP
2,4,5-Trichlorophenol	ND	3	4995.0	ug/Kg	12/25/02	DP
2,4,6-Trichlorophenol	ND	3	4995.0	ug/Kg	12/25/02	DP
2,4-Dichlorophenol	ND	3	999.0	ug/Kg	12/25/02	DP
2,4-Dimethylphenol	ND	3	999.0	ug/Kg	12/25/02	DP
2,4-Dinitrophenol	ND	3	4995.0	ug/Kg	12/25/02	DP
2,4-Dinitrotoluene	ND	3	999.0	ug/Kg	12/25/02	DP
2,6-Dinitrotoluene	ND	3	999.0	ug/Kg	12/25/02	DP
2-Chloronaphthalene	ND	3	999.0	ug/Kg	12/25/02	DP
2-Chlorophenol	ND	3	999.0	ug/Kg	12/25/02	DP
2-Methylnaphthalene	2640	3	999.0	ug/Kg	12/25/02	DP
2-Methylphenol	ND	3	999.0	ug/Kg	12/25/02	DP
2-Nitroaniline	ND	3	4995.0	ug/Kg	12/25/02	DP
2-Nitrophenol	ND	3	999.0	ug/Kg	12/25/02	DP
3,3-Dichlorobenzidine	ND	3	999.0	ug/Kg	12/25/02	DP
3-Nitroaniline	ND	3	4995.0	ug/Kg	12/25/02	DP
4,6-Dinitro-2-methylphenol	ND	3	4995.0	ug/Kg	12/25/02	DP
4-Bromophenyl-phenylether	ND	3	999.0	ug/Kg	12/25/02	DP
4-Chloro-3-methylphenol	ND	3	999.0	ug/Kg	12/25/02	DP
4-Chloroaniline	ND	3	999.0	ug/Kg	12/25/02	DP
4-Chlorophenyl-phenylether	ND	3	999.0	ug/Kg	12/25/02	DP
4-Methylphenol	ND	3	999.0	ug/Kg	12/25/02	DP
4-Nitroaniline	ND	3	4995.0	ug/Kg	12/25/02	DP
4-Nitrophenol	ND	3	4995.0	ug/Kg	12/25/02	DP
Acenaphthene	ND	3	999.0	ug/Kg	12/25/02	DP
Acenaphthylene	ND	3	999.0	ug/Kg	12/25/02	DP
Anthracene	ND	3	999.0	ug/Kg	12/25/02	DP
Benzidine	ND	3	999.0	ug/Kg	12/25/02	DP
Benzo(a)anthracene	ND	3	999.0	ug/Kg	12/25/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 400609
Matrix: SOLID
Date Sampled: 12/18/2002
Time Sampled: 07:50
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX9A

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Benzo(a)pyrene	ND	3	999.0	ug/Kg	12/25/02	DP
Benzo(b)fluoranthene	ND	3	999.0	ug/Kg	12/25/02	DP
Benzo(g,h,i)perylene	ND	3	999.0	ug/Kg	12/25/02	DP
Benzo(k)fluoranthene	ND	3	999.0	ug/Kg	12/25/02	DP
Benzoic Acid	ND	3	999.0	ug/Kg	12/25/02	DP
Benzyl alcohol	ND	3	999.0	ug/Kg	12/25/02	DP
bis(2-Chloroethoxy)methane	ND	3	999.0	ug/Kg	12/25/02	DP
bis(2-Chloroethyl)ether	ND	3	999.0	ug/Kg	12/25/02	DP
bis(2-Chloroisopropyl) ether	ND	3	999.0	ug/Kg	12/25/02	DP
bis(2-Ethylhexyl)phthalate	ND	3	999.0	ug/Kg	12/25/02	DP
Butylbenzylphthalate	ND	3	999.0	ug/Kg	12/25/02	DP
Chrysene	ND	3	999.0	ug/Kg	12/25/02	DP
Di-n-butylphthalate	ND	3	999.0	ug/Kg	12/25/02	DP
Di-n-octylphthalate	ND	3	999.0	ug/Kg	12/25/02	DP
Dibenz(a,h)anthracene	ND	3	999.0	ug/Kg	12/25/02	DP
Dibenzofuran	ND	3	999.0	ug/Kg	12/25/02	DP
Diethylphthalate	ND	3	999.0	ug/Kg	12/25/02	DP
Dimethylphthalate	ND	3	999.0	ug/Kg	12/25/02	DP
Fluoranthene	ND	3	999.0	ug/Kg	12/25/02	DP
Fluorene	ND	3	999.0	ug/Kg	12/25/02	DP
Hexachlorobenzene	ND	3	999.0	ug/Kg	12/25/02	DP
Hexachlorobutadiene	ND	3	999.0	ug/Kg	12/25/02	DP
Hexachlorocyclopentadiene	ND	3	999.0	ug/Kg	12/25/02	DP
Hexachloroethane	ND	3	999.0	ug/Kg	12/25/02	DP
Indeno(1,2,3-c,d)pyrene	ND	3	999.0	ug/Kg	12/25/02	DP
Isophorone	ND	3	999.0	ug/Kg	12/25/02	DP
N-Nitroso-di-n-propylamine	ND	3	999.0	ug/Kg	12/25/02	DP
N-Nitrosodiphenylamine	ND	3	999.0	ug/Kg	12/25/02	DP
Naphthalene	1160	3	999.0	ug/Kg	12/25/02	DP
Nitrobenzene	ND	3	999.0	ug/Kg	12/25/02	DP
Pentachlorophenol	ND	3	4995.0	ug/Kg	12/25/02	DP
Phenanthrene	ND	3	999.0	ug/Kg	12/25/02	DP
Phenol	ND	3	999.0	ug/Kg	12/25/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 400609
Matrix: SOLID
Date Sampled: 12/18/2002
Time Sampled: 07:50
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX9A

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Pyrene	ND	3	999.0	ug/Kg	12/25/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	99			%	17 - 122
2-Fluorobiphenyl (sur)	61			%	30 - 115
2-Fluorophenol (sur)	45			%	25 - 121
Nitrobenzene-d5 (sur)	63			%	23 - 120
Phenol-d5 (sur)	49			%	24 - 113
Terphenyl-d14 (sur)	83			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	141	25	125.0	mg/Kg	12/23/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	82			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 400610
Matrix: SOLID
Date Sampled: 12/18/2002
Time Sampled: 08:00
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX9B

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	12/24/02	AF
C10 - C22	36	1	30	mg/Kg	12/24/02	AF
C22 - C32	ND	1	50	mg/Kg	12/24/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5.0	ug/Kg	12/23/02	AM
1,1,1-Trichloroethane	ND	1	5.0	ug/Kg	12/23/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5.0	ug/Kg	12/23/02	AM
1,1,2-Trichloroethane	ND	1	5.0	ug/Kg	12/23/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5.0	ug/Kg	12/23/02	AM
1,1-Dichloroethane	ND	1	5.0	ug/Kg	12/23/02	AM
1,1-Dichloroethene	ND	1	5.0	ug/Kg	12/23/02	AM
1,1-Dichloropropene	ND	1	5.0	ug/Kg	12/23/02	AM
1,2,3-Trichlorobenzene	ND	1	5.0	ug/Kg	12/23/02	AM
1,2,3-Trichloropropane	ND	1	5.0	ug/Kg	12/23/02	AM
1,2,4-Trichlorobenzene	ND	1	5.0	ug/Kg	12/23/02	AM
1,2,4-Trimethylbenzene	ND	1	5.0	ug/Kg	12/23/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5.0	ug/Kg	12/23/02	AM
1,2-Dibromoethane	ND	1	5.0	ug/Kg	12/23/02	AM
1,2-Dichlorobenzene	ND	1	5.0	ug/Kg	12/23/02	AM
1,2-Dichloroethane	ND	1	5.0	ug/Kg	12/23/02	AM
1,2-Dichloropropane	ND	1	5.0	ug/Kg	12/23/02	AM
1,3,5-Trimethylbenzene	ND	1	5.0	ug/Kg	12/23/02	AM
1,3-Dichlorobenzene	ND	1	5.0	ug/Kg	12/23/02	AM
1,3-Dichloropropane	ND	1	5.0	ug/Kg	12/23/02	AM
1,4-Dichlorobenzene	ND	1	5.0	ug/Kg	12/23/02	AM
1,4-Dioxane	ND	1	200.0	ug/Kg	12/23/02	AM
1-Chlorohexane	ND	1	5.0	ug/Kg	12/23/02	AM
2,2-Dichloropropane	ND	1	5.0	ug/Kg	12/23/02	AM
2-Butanone (MEK)	ND	1	100.0	ug/Kg	12/23/02	AM
2-Chloroethyl vinyl ether	ND	1	5.0	ug/Kg	12/23/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 400610
Matrix: SOLID
Date Sampled: 12/18/2002
Time Sampled: 08:00
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX9B

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
2-Chlorotoluene	ND	1	5.0	ug/Kg	12/23/02	AM
2-Hexanone	ND	1	5.0	ug/Kg	12/23/02	AM
4-Chlorotoluene	ND	1	5.0	ug/Kg	12/23/02	AM
4-Methyl -2- Pentanone	ND	1	5.0	ug/Kg	12/23/02	AM
Acetone	ND	1	5.0	ug/Kg	12/23/02	AM
Acetonitrile	ND	1	5.0	ug/Kg	12/23/02	AM
Acrolein	ND	1	200.0	ug/Kg	12/23/02	AM
Acrylonitrile	ND	1	5.0	ug/Kg	12/23/02	AM
Allyl chloride	ND	1	5.0	ug/Kg	12/23/02	AM
Benzene	ND	1	5.0	ug/Kg	12/23/02	AM
Benzyl chloride	ND	1	5.0	ug/Kg	12/23/02	AM
Bromobenzene	ND	1	5.0	ug/Kg	12/23/02	AM
Bromochloromethane	ND	1	5.0	ug/Kg	12/23/02	AM
Bromodichloromethane	ND	1	5.0	ug/Kg	12/23/02	AM
Bromoform	ND	1	5.0	ug/Kg	12/23/02	AM
Bromomethane	ND	1	5.0	ug/Kg	12/23/02	AM
Carbon Disulfide	ND	1	5.0	ug/Kg	12/23/02	AM
Carbon tetrachloride	ND	1	5.0	ug/Kg	12/23/02	AM
Chlorobenzene	ND	1	5.0	ug/Kg	12/23/02	AM
Chloroethane	ND	1	5.0	ug/Kg	12/23/02	AM
Chloroform	ND	1	5.0	ug/Kg	12/23/02	AM
Chloromethane	ND	1	5.0	ug/Kg	12/23/02	AM
cis-1,2-Dichloroethene	ND	1	5.0	ug/Kg	12/23/02	AM
cis-1,3-Dichloropropene	ND	1	5.0	ug/Kg	12/23/02	AM
cis-1,4-Dichloro-2-butene	ND	1	5.0	ug/Kg	12/23/02	AM
Dibromochloromethane	ND	1	5.0	ug/Kg	12/23/02	AM
Dibromomethane	ND	1	5.0	ug/Kg	12/23/02	AM
Dichlorodifluoromethane	ND	1	5.0	ug/Kg	12/23/02	AM
Ethyl benzene	ND	1	5.0	ug/Kg	12/23/02	AM
Ethyl methacrylate	ND	1	5.0	ug/Kg	12/23/02	AM
Hexachlorobutadiene	ND	1	5.0	ug/Kg	12/23/02	AM
Iodomethane	ND	1	5.0	ug/Kg	12/23/02	AM
Isopropylbenzene (Cumene)	ND	1	5.0	ug/Kg	12/23/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 400610
Matrix: SOLID
Date Sampled: 12/18/2002
Time Sampled: 08:00
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX9B

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
m and p-Xylene	ND	1	5.0	ug/Kg	12/23/02	AM
Methacrylonitrile	ND	1	5.0	ug/Kg	12/23/02	AM
Methyl methacrylate	ND	1	5.0	ug/Kg	12/23/02	AM
Methyl-tert-butylether (MTBE)	ND	1	5.0	ug/Kg	12/23/02	AM
Methylene chloride	ND	1	5.0	ug/Kg	12/23/02	AM
n-Butylbenzene	ND	1	5.0	ug/Kg	12/23/02	AM
n-Propylbenzene	ND	1	5.0	ug/Kg	12/23/02	AM
Naphthalene	ND	1	5.0	ug/Kg	12/23/02	AM
o-Xylene	ND	1	5.0	ug/Kg	12/23/02	AM
p-Isopropyltoluene	ND	1	5.0	ug/Kg	12/23/02	AM
Pentachloroethane	ND	1	5.0	ug/Kg	12/23/02	AM
Propionitrile	ND	1	5.0	ug/Kg	12/23/02	AM
sec-Butylbenzene	ND	1	5.0	ug/Kg	12/23/02	AM
Styrene	ND	1	5.0	ug/Kg	12/23/02	AM
tert-Butylbenzene	ND	1	5.0	ug/Kg	12/23/02	AM
Tetrachloroethene	ND	1	5.0	ug/Kg	12/23/02	AM
Toluene	ND	1	5.0	ug/Kg	12/23/02	AM
trans-1,2-Dichloroethene	ND	1	5.0	ug/Kg	12/23/02	AM
trans-1,3-Dichloropropene	ND	1	5.0	ug/Kg	12/23/02	AM
trans-1,4-Dichloro-2-butene	ND	1	5.0	ug/Kg	12/23/02	AM
Trichloroethene	ND	1	5.0	ug/Kg	12/23/02	AM
Trichlorofluoromethane	ND	1	5.0	ug/Kg	12/23/02	AM
Vinyl acetate	ND	1	50.0	ug/Kg	12/23/02	AM
Vinyl chloride	ND	1	5.0	ug/Kg	12/23/02	AM
Xylenes, total	ND	1	5.0	ug/Kg	12/23/02	AM

Surrogates		Units	Control Limits
1,2-Dichloroethane-d4 (sur)	118	%	70 - 130
Dibromofluoromethane (sur)	110	%	70 - 130
p-Bromofluorobenzene (sur)	114	%	70 - 130
Toluene-d8 (sur)	107	%	70 - 130

8270C Acid/Base/Neutral Extractables

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 400610
Matrix: SOLID
Date Sampled: 12/18/2002
Time Sampled: 08:00
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX9B

8270C Acid/Base/Neutral Extractables

Analyte	Result	DF	DLR	Units	Date/Analyst	
1,2,4-Trichlorobenzene	ND	3	999.0	ug/Kg	12/25/02	DP
1,2-Dichlorobenzene	ND	3	999.0	ug/Kg	12/25/02	DP
1,3-Dichlorobenzene	ND	3	999.0	ug/Kg	12/25/02	DP
1,4-Dichlorobenzene	ND	3	999.0	ug/Kg	12/25/02	DP
2,4,5-Trichlorophenol	ND	3	4995.0	ug/Kg	12/25/02	DP
2,4,6-Trichlorophenol	ND	3	4995.0	ug/Kg	12/25/02	DP
2,4-Dichlorophenol	ND	3	999.0	ug/Kg	12/25/02	DP
2,4-Dimethylphenol	ND	3	999.0	ug/Kg	12/25/02	DP
2,4-Dinitrophenol	ND	3	4995.0	ug/Kg	12/25/02	DP
2,4-Dinitrotoluene	ND	3	999.0	ug/Kg	12/25/02	DP
2,6-Dinitrotoluene	ND	3	999.0	ug/Kg	12/25/02	DP
2-Chloronaphthalene	ND	3	999.0	ug/Kg	12/25/02	DP
2-Chlorophenol	ND	3	999.0	ug/Kg	12/25/02	DP
2-Methylnaphthalene	624	3	999.0	ug/Kg	12/25/02	DP
2-Methylphenol	ND	3	999.0	ug/Kg	12/25/02	DP
2-Nitroaniline	ND	3	4995.0	ug/Kg	12/25/02	DP
2-Nitrophenol	ND	3	999.0	ug/Kg	12/25/02	DP
3,3-Dichlorobenzidine	ND	3	999.0	ug/Kg	12/25/02	DP
3-Nitroaniline	ND	3	4995.0	ug/Kg	12/25/02	DP
4,6-Dinitro-2-methylphenol	ND	3	4995.0	ug/Kg	12/25/02	DP
4-Bromophenyl-phenylether	ND	3	999.0	ug/Kg	12/25/02	DP
4-Chloro-3-methylphenol	ND	3	999.0	ug/Kg	12/25/02	DP
4-Chloroaniline	ND	3	999.0	ug/Kg	12/25/02	DP
4-Chlorophenyl-phenylether	ND	3	999.0	ug/Kg	12/25/02	DP
4-Methylphenol	ND	3	999.0	ug/Kg	12/25/02	DP
4-Nitroaniline	ND	3	4995.0	ug/Kg	12/25/02	DP
4-Nitrophenol	ND	3	4995.0	ug/Kg	12/25/02	DP
Acenaphthene	ND	3	999.0	ug/Kg	12/25/02	DP
Acenaphthylene	ND	3	999.0	ug/Kg	12/25/02	DP
Anthracene	ND	3	999.0	ug/Kg	12/25/02	DP
Benzidine	ND	3	999.0	ug/Kg	12/25/02	DP
Benzo(a)anthracene	ND	3	999.0	ug/Kg	12/25/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 400610
Matrix: SOLID
Date Sampled: 12/18/2002
Time Sampled: 08:00
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX9B

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Benzo(a)pyrene	ND	3	999.0	ug/Kg	12/25/02	DP
Benzo(b)fluoranthene	ND	3	999.0	ug/Kg	12/25/02	DP
Benzo(g,h,i)perylene	ND	3	999.0	ug/Kg	12/25/02	DP
Benzo(k)fluoranthene	ND	3	999.0	ug/Kg	12/25/02	DP
Benzoic Acid	ND	3	999.0	ug/Kg	12/25/02	DP
Benzyl alcohol	ND	3	999.0	ug/Kg	12/25/02	DP
bis(2-Chloroethoxy)methane	ND	3	999.0	ug/Kg	12/25/02	DP
bis(2-Chloroethyl)ether	ND	3	999.0	ug/Kg	12/25/02	DP
bis(2-Chloroisopropyl) ether	ND	3	999.0	ug/Kg	12/25/02	DP
bis(2-Ethylhexyl)phthalate	ND	3	999.0	ug/Kg	12/25/02	DP
Butylbenzylphthalate	ND	3	999.0	ug/Kg	12/25/02	DP
Chrysene	ND	3	999.0	ug/Kg	12/25/02	DP
Di-n-butylphthalate	ND	3	999.0	ug/Kg	12/25/02	DP
Di-n-octylphthalate	ND	3	999.0	ug/Kg	12/25/02	DP
Dibenz(a,h)anthracene	ND	3	999.0	ug/Kg	12/25/02	DP
Dibenzofuran	ND	3	999.0	ug/Kg	12/25/02	DP
Diethylphthalate	ND	3	999.0	ug/Kg	12/25/02	DP
Dimethylphthalate	ND	3	999.0	ug/Kg	12/25/02	DP
Fluoranthene	ND	3	999.0	ug/Kg	12/25/02	DP
Fluorene	ND	3	999.0	ug/Kg	12/25/02	DP
Hexachlorobenzene	ND	3	999.0	ug/Kg	12/25/02	DP
Hexachlorobutadiene	ND	3	999.0	ug/Kg	12/25/02	DP
Hexachlorocyclopentadiene	ND	3	999.0	ug/Kg	12/25/02	DP
Hexachloroethane	ND	3	999.0	ug/Kg	12/25/02	DP
Indeno(1,2,3-c,d)pyrene	ND	3	999.0	ug/Kg	12/25/02	DP
Isophorone	ND	3	999.0	ug/Kg	12/25/02	DP
N-Nitroso-di-n-propylamine	ND	3	999.0	ug/Kg	12/25/02	DP
N-Nitrosodiphenylamine	ND	3	999.0	ug/Kg	12/25/02	DP
Naphthalene	ND	3	999.0	ug/Kg	12/25/02	DP
Nitrobenzene	ND	3	999.0	ug/Kg	12/25/02	DP
Pentachlorophenol	ND	3	4995.0	ug/Kg	12/25/02	DP
Phenanthrene	ND	3	999.0	ug/Kg	12/25/02	DP
Phenol	ND	3	999.0	ug/Kg	12/25/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 400610
Matrix: SOLID
Date Sampled: 12/18/2002
Time Sampled: 08:00
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLEX9B

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Pyrene	ND	3	999.0	ug/Kg	12/25/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	103			%	17 - 122
2-Fluorobiphenyl (sur)	64			%	30 - 115
2-Fluorophenol (sur)	52			%	25 - 121
Nitrobenzene-d5 (sur)	69			%	23 - 120
Phenol-d5 (sur)	53			%	24 - 113
Terphenyl-d14 (sur)	88			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	12/23/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	95			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 400611
Matrix: SOLID
Date Sampled: 12/18/2002
Time Sampled: 08:10
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLSS08

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	213	1	20	mg/Kg	12/24/02	AF
C10 - C22	127	1	30	mg/Kg	12/24/02	AF
C22 - C32	ND	1	50	mg/Kg	12/24/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	100	500.0	ug/Kg	12/23/02	AM
1,1,1-Trichloroethane	ND	100	500.0	ug/Kg	12/23/02	AM
1,1,2,2-Tetrachloroethane	ND	100	500.0	ug/Kg	12/23/02	AM
1,1,2-Trichloroethane	ND	100	500.0	ug/Kg	12/23/02	AM
1,1,2-Trichlorotrifluoroethane	ND	100	500.0	ug/Kg	12/23/02	AM
1,1-Dichloroethane	ND	100	500.0	ug/Kg	12/23/02	AM
1,1-Dichloroethene	ND	100	500.0	ug/Kg	12/23/02	AM
1,1-Dichloropropene	ND	100	500.0	ug/Kg	12/23/02	AM
1,2,3-Trichlorobenzene	ND	100	500.0	ug/Kg	12/23/02	AM
1,2,3-Trichloropropane	ND	100	500.0	ug/Kg	12/23/02	AM
1,2,4-Trichlorobenzene	ND	100	500.0	ug/Kg	12/23/02	AM
1,2,4-Trimethylbenzene	2340	100	500.0	ug/Kg	12/23/02	AM
1,2-Dibromo-3-chloropropane	ND	100	500.0	ug/Kg	12/23/02	AM
1,2-Dibromoethane	ND	100	500.0	ug/Kg	12/23/02	AM
1,2-Dichlorobenzene	ND	100	500.0	ug/Kg	12/23/02	AM
1,2-Dichloroethane	ND	100	500.0	ug/Kg	12/23/02	AM
1,2-Dichloropropane	ND	100	500.0	ug/Kg	12/23/02	AM
1,3,5-Trimethylbenzene	618	100	500.0	ug/Kg	12/23/02	AM
1,3-Dichlorobenzene	ND	100	500.0	ug/Kg	12/23/02	AM
1,3-Dichloropropane	ND	100	500.0	ug/Kg	12/23/02	AM
1,4-Dichlorobenzene	ND	100	500.0	ug/Kg	12/23/02	AM
1,4-Dioxane	ND	100	20000.0	ug/Kg	12/23/02	AM
1-Chlorohexane	ND	100	500.0	ug/Kg	12/23/02	AM
2,2-Dichloropropane	ND	100	500.0	ug/Kg	12/23/02	AM
2-Butanone (MEK)	ND	100	10000.0	ug/Kg	12/23/02	AM
2-Chloroethyl vinyl ether	ND	100	500.0	ug/Kg	12/23/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 400611
Matrix: SOLID
Date Sampled: 12/18/2002
Time Sampled: 08:10
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLSS08

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
2-Chlorotoluene	ND	100	500.0	ug/Kg	12/23/02	AM
2-Hexanone	ND	100	500.0	ug/Kg	12/23/02	AM
4-Chlorotoluene	ND	100	500.0	ug/Kg	12/23/02	AM
4-Methyl -2- Pentanone	ND	100	500.0	ug/Kg	12/23/02	AM
Acetone	ND	100	500.0	ug/Kg	12/23/02	AM
Acetonitrile	ND	100	500.0	ug/Kg	12/23/02	AM
Acrolein	ND	100	20000.0	ug/Kg	12/23/02	AM
Acrylonitrile	ND	100	500.0	ug/Kg	12/23/02	AM
Allyl chloride	ND	100	500.0	ug/Kg	12/23/02	AM
Benzene	ND	100	500.0	ug/Kg	12/23/02	AM
Benzyl chloride	ND	100	500.0	ug/Kg	12/23/02	AM
Bromobenzene	ND	100	500.0	ug/Kg	12/23/02	AM
Bromochloromethane	ND	100	500.0	ug/Kg	12/23/02	AM
Bromodichloromethane	ND	100	500.0	ug/Kg	12/23/02	AM
Bromoform	ND	100	500.0	ug/Kg	12/23/02	AM
Bromomethane	ND	100	500.0	ug/Kg	12/23/02	AM
Carbon Disulfide	ND	100	500.0	ug/Kg	12/23/02	AM
Carbon tetrachloride	ND	100	500.0	ug/Kg	12/23/02	AM
Chlorobenzene	ND	100	500.0	ug/Kg	12/23/02	AM
Chloroethane	ND	100	500.0	ug/Kg	12/23/02	AM
Chloroform	ND	100	500.0	ug/Kg	12/23/02	AM
Chloromethane	ND	100	500.0	ug/Kg	12/23/02	AM
cis-1,2-Dichloroethene	ND	100	500.0	ug/Kg	12/23/02	AM
cis-1,3-Dichloropropene	ND	100	500.0	ug/Kg	12/23/02	AM
cis-1,4-Dichloro-2-butene	ND	100	500.0	ug/Kg	12/23/02	AM
Dibromochloromethane	ND	100	500.0	ug/Kg	12/23/02	AM
Dibromomethane	ND	100	500.0	ug/Kg	12/23/02	AM
Dichlorodifluoromethane	ND	100	500.0	ug/Kg	12/23/02	AM
Ethyl benzene	282 J	100	500.0	ug/Kg	12/23/02	AM
Ethyl methacrylate	ND	100	500.0	ug/Kg	12/23/02	AM
Hexachlorobutadiene	ND	100	500.0	ug/Kg	12/23/02	AM
Iodomethane	ND	100	500.0	ug/Kg	12/23/02	AM
Isopropylbenzene (Cumene)	248 J	100	500.0	ug/Kg	12/23/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 400611
Matrix: SOLID
Date Sampled: 12/18/2002
Time Sampled: 08:10
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLSS08

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
m and p-Xylene	ND	100	500.0	ug/Kg	12/23/02	AM
Methacrylonitrile	ND	100	500.0	ug/Kg	12/23/02	AM
Methyl methacrylate	ND	100	500.0	ug/Kg	12/23/02	AM
Methyl-tert-butylether (MTBE)	ND	100	500.0	ug/Kg	12/23/02	AM
Methylene chloride	ND	100	500.0	ug/Kg	12/23/02	AM
n-Butylbenzene	533	100	500.0	ug/Kg	12/23/02	AM
n-Propylbenzene	469 J	100	500.0	ug/Kg	12/23/02	AM
Naphthalene	1230	100	500.0	ug/Kg	12/23/02	AM
o-Xylene	ND	100	500.0	ug/Kg	12/23/02	AM
p-Isopropyltoluene	636	100	500.0	ug/Kg	12/23/02	AM
Pentachloroethane	ND	100	500.0	ug/Kg	12/23/02	AM
Propionitrile	ND	100	500.0	ug/Kg	12/23/02	AM
sec-Butylbenzene	806	100	500.0	ug/Kg	12/23/02	AM
Styrene	ND	100	500.0	ug/Kg	12/23/02	AM
tert-Butylbenzene	ND	100	500.0	ug/Kg	12/23/02	AM
Tetrachloroethene	ND	100	500.0	ug/Kg	12/23/02	AM
Toluene	ND	100	500.0	ug/Kg	12/23/02	AM
trans-1,2-Dichloroethene	ND	100	500.0	ug/Kg	12/23/02	AM
trans-1,3-Dichloropropene	ND	100	500.0	ug/Kg	12/23/02	AM
trans-1,4-Dichloro-2-butene	ND	100	500.0	ug/Kg	12/23/02	AM
Trichloroethene	ND	100	500.0	ug/Kg	12/23/02	AM
Trichlorofluoromethane	ND	100	500.0	ug/Kg	12/23/02	AM
Vinyl acetate	ND	100	5000.0	ug/Kg	12/23/02	AM
Vinyl chloride	ND	100	500.0	ug/Kg	12/23/02	AM
Xylenes, total	ND	100	500.0	ug/Kg	12/23/02	AM

Surrogates		**Units**	**Control Limits**
1,2-Dichloroethane-d4 (sur)	123	%	70 - 130
Dibromofluoromethane (sur)	107	%	70 - 130
p-Bromofluorobenzene (sur)	110	%	70 - 130
Toluene-d8 (sur)	102	%	70 - 130

8270C Acid/Base/Neutral Extractables

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 400611
Matrix: SOLID
Date Sampled: 12/18/2002
Time Sampled: 08:10
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLSS08

8270C Acid/Base/Neutral Extractables

Analyte	Result	DF	DLR	Units	Date/Analyst	
1,2,4-Trichlorobenzene	ND	3	999.0	ug/Kg	12/25/02	DP
1,2-Dichlorobenzene	ND	3	999.0	ug/Kg	12/25/02	DP
1,3-Dichlorobenzene	ND	3	999.0	ug/Kg	12/25/02	DP
1,4-Dichlorobenzene	ND	3	999.0	ug/Kg	12/25/02	DP
2,4,5-Trichlorophenol	ND	3	4995.0	ug/Kg	12/25/02	DP
2,4,6-Trichlorophenol	ND	3	4995.0	ug/Kg	12/25/02	DP
2,4-Dichlorophenol	ND	3	999.0	ug/Kg	12/25/02	DP
2,4-Dimethylphenol	ND	3	999.0	ug/Kg	12/25/02	DP
2,4-Dinitrophenol	ND	3	4995.0	ug/Kg	12/25/02	DP
2,4-Dinitrotoluene	ND	3	999.0	ug/Kg	12/25/02	DP
2,6-Dinitrotoluene	ND	3	999.0	ug/Kg	12/25/02	DP
2-Chloronaphthalene	ND	3	999.0	ug/Kg	12/25/02	DP
2-Chlorophenol	ND	3	999.0	ug/Kg	12/25/02	DP
2-Methylnaphthalene	1210	3	999.0	ug/Kg	12/25/02	DP
2-Methylphenol	ND	3	999.0	ug/Kg	12/25/02	DP
2-Nitroaniline	ND	3	4995.0	ug/Kg	12/25/02	DP
2-Nitrophenol	ND	3	999.0	ug/Kg	12/25/02	DP
3,3-Dichlorobenzidine	ND	3	999.0	ug/Kg	12/25/02	DP
3-Nitroaniline	ND	3	4995.0	ug/Kg	12/25/02	DP
4,6-Dinitro-2-methylphenol	ND	3	4995.0	ug/Kg	12/25/02	DP
4-Bromophenyl-phenylether	ND	3	999.0	ug/Kg	12/25/02	DP
4-Chloro-3-methylphenol	ND	3	999.0	ug/Kg	12/25/02	DP
4-Chloroaniline	ND	3	999.0	ug/Kg	12/25/02	DP
4-Chlorophenyl-phenylether	ND	3	999.0	ug/Kg	12/25/02	DP
4-Methylphenol	ND	3	999.0	ug/Kg	12/25/02	DP
4-Nitroaniline	ND	3	4995.0	ug/Kg	12/25/02	DP
4-Nitrophenol	ND	3	4995.0	ug/Kg	12/25/02	DP
Acenaphthene	ND	3	999.0	ug/Kg	12/25/02	DP
Acenaphthylene	ND	3	999.0	ug/Kg	12/25/02	DP
Anthracene	ND	3	999.0	ug/Kg	12/25/02	DP
Benzidine	ND	3	999.0	ug/Kg	12/25/02	DP
Benzo(a)anthracene	ND	3	999.0	ug/Kg	12/25/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 400611
Matrix: SOLID
Date Sampled: 12/18/2002
Time Sampled: 08:10
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLSS08

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Benzo(a)pyrene	ND	3	999.0	ug/Kg	12/25/02	DP
Benzo(b)fluoranthene	ND	3	999.0	ug/Kg	12/25/02	DP
Benzo(g,h,i)perylene	ND	3	999.0	ug/Kg	12/25/02	DP
Benzo(k)fluoranthene	ND	3	999.0	ug/Kg	12/25/02	DP
Benzoic Acid	ND	3	999.0	ug/Kg	12/25/02	DP
Benzyl alcohol	ND	3	999.0	ug/Kg	12/25/02	DP
bis(2-Chloroethoxy)methane	ND	3	999.0	ug/Kg	12/25/02	DP
bis(2-Chloroethyl)ether	ND	3	999.0	ug/Kg	12/25/02	DP
bis(2-Chloroisopropyl) ether	ND	3	999.0	ug/Kg	12/25/02	DP
bis(2-Ethylhexyl)phthalate	ND	3	999.0	ug/Kg	12/25/02	DP
Butylbenzylphthalate	ND	3	999.0	ug/Kg	12/25/02	DP
Chrysene	ND	3	999.0	ug/Kg	12/25/02	DP
Di-n-butylphthalate	ND	3	999.0	ug/Kg	12/25/02	DP
Di-n-octylphthalate	ND	3	999.0	ug/Kg	12/25/02	DP
Dibenz(a,h)anthracene	ND	3	999.0	ug/Kg	12/25/02	DP
Dibenzofuran	ND	3	999.0	ug/Kg	12/25/02	DP
Diethylphthalate	ND	3	999.0	ug/Kg	12/25/02	DP
Dimethylphthalate	ND	3	999.0	ug/Kg	12/25/02	DP
Fluoranthene	ND	3	999.0	ug/Kg	12/25/02	DP
Fluorene	ND	3	999.0	ug/Kg	12/25/02	DP
Hexachlorobenzene	ND	3	999.0	ug/Kg	12/25/02	DP
Hexachlorobutadiene	ND	3	999.0	ug/Kg	12/25/02	DP
Hexachlorocyclopentadiene	ND	3	999.0	ug/Kg	12/25/02	DP
Hexachloroethane	ND	3	999.0	ug/Kg	12/25/02	DP
Indeno(1,2,3-c,d)pyrene	ND	3	999.0	ug/Kg	12/25/02	DP
Isophorone	ND	3	999.0	ug/Kg	12/25/02	DP
N-Nitroso-di-n-propylamine	ND	3	999.0	ug/Kg	12/25/02	DP
N-Nitrosodiphenylamine	ND	3	999.0	ug/Kg	12/25/02	DP
Naphthalene	ND	3	999.0	ug/Kg	12/25/02	DP
Nitrobenzene	ND	3	999.0	ug/Kg	12/25/02	DP
Pentachlorophenol	ND	3	4995.0	ug/Kg	12/25/02	DP
Phenanthrene	ND	3	999.0	ug/Kg	12/25/02	DP
Phenol	ND	3	999.0	ug/Kg	12/25/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 400611
Matrix: SOLID
Date Sampled: 12/18/2002
Time Sampled: 08:10
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOLSS08

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Pyrene	ND	3	999.0	ug/Kg	12/25/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	100			%	17 - 122
2-Fluorobiphenyl (sur)	69			%	30 - 115
2-Fluorophenol (sur)	53			%	25 - 121
Nitrobenzene-d5 (sur)	75			%	23 - 120
Phenol-d5 (sur)	59			%	24 - 113
Terphenyl-d14 (sur)	98			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	33	2	10.0	mg/Kg	12/23/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	74			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 400612
Matrix: SOLID
Date Sampled:
Time Sampled:
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: Laboratory Method Blank

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	12/23/02	AF
C10 - C22	ND	1	30	mg/Kg	12/23/02	AF
C22 - C32	ND	1	50	mg/Kg	12/23/02	AF
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	12/23/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	12/23/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	12/23/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	12/23/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	12/23/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	12/23/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	12/23/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	12/23/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	12/23/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	12/23/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	12/23/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	12/23/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	12/23/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	12/23/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	12/23/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	12/23/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	12/23/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	12/23/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	12/23/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	12/23/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	12/23/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	12/23/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	12/23/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	12/23/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	12/23/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	12/23/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 400612
Matrix: SOLID
Date Sampled:
Time Sampled:
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: Laboratory Method Blank

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
2-Chlorotoluene	ND	1	5	ug/Kg	12/23/02	AM
2-Hexanone	ND	1	5	ug/Kg	12/23/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	12/23/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	12/23/02	AM
Acetone	ND	1	5	ug/Kg	12/23/02	AM
Acetonitrile	ND	1	5	ug/Kg	12/23/02	AM
Acrolein	ND	1	200	ug/Kg	12/23/02	AM
Acrylonitrile	ND	1	5	ug/Kg	12/23/02	AM
Allyl chloride	ND	1	5	ug/Kg	12/23/02	AM
Benzene	ND	1	5	ug/Kg	12/23/02	AM
Benzyl chloride	ND	1	5	ug/Kg	12/23/02	AM
Bromobenzene	ND	1	5	ug/Kg	12/23/02	AM
Bromochloromethane	ND	1	5	ug/Kg	12/23/02	AM
Bromodichloromethane	ND	1	5	ug/Kg	12/23/02	AM
Bromoform	ND	1	5	ug/Kg	12/23/02	AM
Bromomethane	ND	1	5	ug/Kg	12/23/02	AM
Carbon Disulfide	ND	1	5	ug/Kg	12/23/02	AM
Carbon tetrachloride	ND	1	5	ug/Kg	12/23/02	AM
Chlorobenzene	ND	1	5	ug/Kg	12/23/02	AM
Chloroethane	ND	1	5	ug/Kg	12/23/02	AM
Chloroform	ND	1	5	ug/Kg	12/23/02	AM
Chloromethane	ND	1	5	ug/Kg	12/23/02	AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	12/23/02	AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	12/23/02	AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/23/02	AM
Dibromochloromethane	ND	1	5	ug/Kg	12/23/02	AM
Dibromomethane	ND	1	5	ug/Kg	12/23/02	AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	12/23/02	AM
Ethyl benzene	ND	1	5	ug/Kg	12/23/02	AM
Ethyl methacrylate	ND	1	5	ug/Kg	12/23/02	AM
Hexachlorobutadiene	ND	1	5	ug/Kg	12/23/02	AM
Iodomethane	ND	1	5	ug/Kg	12/23/02	AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	12/23/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 400612
Matrix: SOLID
Date Sampled:
Time Sampled:
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: Laboratory Method Blank

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
m and p-Xylene	ND	1	5	ug/Kg	12/23/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	12/23/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	12/23/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	12/23/02 AM
Methylene chloride	ND	1	5	ug/Kg	12/23/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	12/23/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	12/23/02 AM
Naphthalene	ND	1	5	ug/Kg	12/23/02 AM
o-Xylene	ND	1	5	ug/Kg	12/23/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	12/23/02 AM
Pentachloroethane	ND	1	5	ug/Kg	12/23/02 AM
Propionitrile	ND	1	5	ug/Kg	12/23/02 AM
sec-Butylbenzene	ND	1	5	ug/Kg	12/23/02 AM
Styrene	ND	1	5	ug/Kg	12/23/02 AM
tert-Butylbenzene	ND	1	5	ug/Kg	12/23/02 AM
Tetrachloroethene	ND	1	5	ug/Kg	12/23/02 AM
Toluene	ND	1	5	ug/Kg	12/23/02 AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	12/23/02 AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	12/23/02 AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/23/02 AM
Trichloroethene	ND	1	5	ug/Kg	12/23/02 AM
Trichlorofluoromethane	ND	1	5	ug/Kg	12/23/02 AM
Vinyl acetate	ND	1	50	ug/Kg	12/23/02 AM
Vinyl chloride	ND	1	5	ug/Kg	12/23/02 AM
Xylenes, total	ND	1	5	ug/Kg	12/23/02 AM

Surrogates		Units	Control Limits
1,2-Dichloroethane-d4 (sur)	115	%	70 - 130
Dibromofluoromethane (sur)	103	%	70 - 130
p-Bromofluorobenzene (sur)	109	%	70 - 130
Toluene-d8 (sur)	112	%	70 - 130

8270C Acid/Base/Neutral Extractables

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 400612
Matrix: SOLID
Date Sampled:
Time Sampled:
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: Laboratory Method Blank

8270C Acid/Base/Neutral Extractables

Analyte	Result	DF	DLR	Units	Date/Analyst	
1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	12/25/02	DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	12/25/02	DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	12/25/02	DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	12/25/02	DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	12/25/02	DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	12/25/02	DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	12/25/02	DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	12/25/02	DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	12/25/02	DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	12/25/02	DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	12/25/02	DP
2-Chloronaphthalene	ND	1	333	ug/Kg	12/25/02	DP
2-Chlorophenol	ND	1	333	ug/Kg	12/25/02	DP
2-Methylnaphthalene	ND	1	333	ug/Kg	12/25/02	DP
2-Methylphenol	ND	1	333	ug/Kg	12/25/02	DP
2-Nitroaniline	ND	1	1665	ug/Kg	12/25/02	DP
2-Nitrophenol	ND	1	333	ug/Kg	12/25/02	DP
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	12/25/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	12/25/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	12/25/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	12/25/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	12/25/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	12/25/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	12/25/02	DP
4-Methylphenol	ND	1	333	ug/Kg	12/25/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	12/25/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	12/25/02	DP
Acenaphthene	ND	1	333	ug/Kg	12/25/02	DP
Acenaphthylene	ND	1	333	ug/Kg	12/25/02	DP
Anthracene	ND	1	333	ug/Kg	12/25/02	DP
Benzidine	ND	1	333	ug/Kg	12/25/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	12/25/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 400612
Matrix: SOLID
Date Sampled:
Time Sampled:
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: Laboratory Method Blank

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Benzo(a)pyrene	ND	1	333	ug/Kg	12/25/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	12/25/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	12/25/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	12/25/02	DP
Benzoic Acid	ND	1	333	ug/Kg	12/25/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	12/25/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	12/25/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	12/25/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	12/25/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	12/25/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	12/25/02	DP
Chrysene	ND	1	333	ug/Kg	12/25/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	12/25/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	12/25/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	12/25/02	DP
Dibenzofuran	ND	1	333	ug/Kg	12/25/02	DP
Diethylphthalate	ND	1	333	ug/Kg	12/25/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	12/25/02	DP
Fluoranthene	ND	1	333	ug/Kg	12/25/02	DP
Fluorene	ND	1	333	ug/Kg	12/25/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	12/25/02	DP
Hexachlorobutadiene	ND	1	333	ug/Kg	12/25/02	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	12/25/02	DP
Hexachloroethane	ND	1	333	ug/Kg	12/25/02	DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	12/25/02	DP
Isophorone	ND	1	333	ug/Kg	12/25/02	DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	12/25/02	DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	12/25/02	DP
Naphthalene	ND	1	333	ug/Kg	12/25/02	DP
Nitrobenzene	ND	1	333	ug/Kg	12/25/02	DP
Pentachlorophenol	ND	1	1665	ug/Kg	12/25/02	DP
Phenanthrene	ND	1	333	ug/Kg	12/25/02	DP
Phenol	ND	1	333	ug/Kg	12/25/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 400612
Matrix: SOLID
Date Sampled:
Time Sampled:
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: Laboratory Method Blank

Analyte	Result	DF	DLR	Units	Date/Analyst
8270C Acid/Base/Neutral Extractables					
Pyrene	ND	1	333	ug/Kg	12/25/02 DP
Surrogates				**Units**	**Control Limits**
2,4,6-Tribromophenol (sur)	64			%	17 - 122
2-Fluorobiphenyl (sur)	67			%	30 - 115
2-Fluorophenol (sur)	49			%	25 - 121
Nitrobenzene-d5 (sur)	65			%	23 - 120
Phenol-d5 (sur)	55			%	24 - 113
Terphenyl-d14 (sur)	85			%	18 - 137
8015M - Total Petroleum Hydrocarbons					
Gasoline	ND	1	5	mg/Kg	12/23/02 LT
Surrogates				**Units**	**Control Limits**
a,a,a-Trifluorotoluene	58			%	55 - 156

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

ASSOCIATED LABORATORIES
806 N. Batavia • Orange, CA 92868
(714) 771-6900 • Fax: (714) 538-1209

CHAIN OF CUSTODY RECORD

Date [illegible] Page 1 of 1

104098

CLIENT [illegible]
ADDRESS [illegible]

PROJECT MANAGER [illegible]
PHONE NUMBER [illegible]
SAMPLERS: (Signature) [illegible]

PROJECT NAME [illegible]

Samples Intact Yes ____ No ____
County Seals Intact Yes ____ No ____
Sample Ambient ___ Cooled ___ Frozen ___
Same Day ____ 24 Hr. ✓
Regular ____ 48 Hr. ____

SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE WATER	AIR	SOLID	NO OF CNTNRS	SUSP. CONTAM.	TESTS REQUIRED
[illegible]	[illegible]	[illegible]	[illegible]			X	4		[illegible]
[illegible]	[illegible]	[illegible]	[illegible]			X	4		↓
[illegible]	[illegible]	[illegible]	[illegible]			X	3		↓

Relinquished by: (Signature)	Received by: (Signature)	Date/Time
[illegible]	Sample rec. Miller	12/20/02 2:50
Relinquished by: (Signature)	Received by Laboratory for analysis: (Signature)	Date/Time

Special Instructions: [illegible]

I hereby authorize the performance of the above indicated work.
[illegible]

DISTRIBUTION: White with report. Yellow to AL, Pink to Courier

ASSOCIATED LABORATORIES
806 North Batavia - Orange, California 92868 - 714/771-6900 *FAX 714/538-1209*

CLIENT Foster Wheeler Environmental Corp. (7935)
ATTN: James Morning
P.O. Box 540
HAFB, NM 88330

LAB REQUEST 104374
REPORTED 12/29/2002
RECEIVED 12/27/2002

PROJECT WPOL

SUBMITTER Client

COMMENTS

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods as indicated on the report. This cover letter is an integral part of the final report.

Order No.	Client Sample Identification
402121	WPOL-EX-11A
402122	WPOL-EX-12A
402123	WPOL-EX-18A
402124	Laboratory Method Blank

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

ASSOCIATED LABORATORIES by,

Edward S. Behare, Ph.D.
Vice President

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

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TESTING & CONSULTING
Chemical
Microbiological
Environmental

Order #: 402121
Matrix: SOLID
Date Sampled: 12/26/2002
Time Sampled: 13:00
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOL-EX-11A

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	12/27/02	CH
C10 - C22	ND	1	30	mg/Kg	12/27/02	CH
C22 - C32	ND	1	50	mg/Kg	12/27/02	CH
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	12/27/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	12/27/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	12/27/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	12/27/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	12/27/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	12/27/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	12/27/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	12/27/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	12/27/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	12/27/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	12/27/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	12/27/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	12/27/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	12/27/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	12/27/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	12/27/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	12/27/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	12/27/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	12/27/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	12/27/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	12/27/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	12/27/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	12/27/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	12/27/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	12/27/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	12/27/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	12/27/02	AM
2-Hexanone	ND	1	5	ug/Kg	12/27/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	12/27/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	12/27/02	AM
Acetone	ND	1	5	ug/Kg	12/27/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 402121 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** WPOL-EX-11A
Date Sampled: 12/26/2002
Time Sampled: 13:00
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst
8260B Volatile Organic Compounds					
Acetonitrile	ND	1	5	ug/Kg	12/27/02 AM
Acrolein	ND	1	200	ug/Kg	12/27/02 AM
Acrylonitrile	ND	1	5	ug/Kg	12/27/02 AM
Allyl chloride	ND	1	5	ug/Kg	12/27/02 AM
Benzene	ND	1	5	ug/Kg	12/27/02 AM
Benzyl chloride	ND	1	5	ug/Kg	12/27/02 AM
Bromobenzene	ND	1	5	ug/Kg	12/27/02 AM
Bromochloromethane	ND	1	5	ug/Kg	12/27/02 AM
Bromodichloromethane	ND	1	5	ug/Kg	12/27/02 AM
Bromoform	ND	1	5	ug/Kg	12/27/02 AM
Bromomethane	ND	1	5	ug/Kg	12/27/02 AM
Carbon Disulfide	ND	1	5	ug/Kg	12/27/02 AM
Carbon tetrachloride	ND	1	5	ug/Kg	12/27/02 AM
Chlorobenzene	ND	1	5	ug/Kg	12/27/02 AM
Chloroethane	ND	1	5	ug/Kg	12/27/02 AM
Chloroform	ND	1	5	ug/Kg	12/27/02 AM
Chloromethane	ND	1	5	ug/Kg	12/27/02 AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	12/27/02 AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	12/27/02 AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/27/02 AM
Dibromochloromethane	ND	1	5	ug/Kg	12/27/02 AM
Dibromomethane	ND	1	5	ug/Kg	12/27/02 AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	12/27/02 AM
Ethyl benzene	ND	1	5	ug/Kg	12/27/02 AM
Ethyl methacrylate	ND	1	5	ug/Kg	12/27/02 AM
Hexachlorobutadiene	ND	1	5	ug/Kg	12/27/02 AM
Iodomethane	ND	1	5	ug/Kg	12/27/02 AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	12/27/02 AM
m and p-Xylene	ND	1	5	ug/Kg	12/27/02 AM
Methacrylonitrile	ND	1	5	ug/Kg	12/27/02 AM
Methyl methacrylate	ND	1	5	ug/Kg	12/27/02 AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	12/27/02 AM
Methylene chloride	ND	1	5	ug/Kg	12/27/02 AM
n-Butylbenzene	ND	1	5	ug/Kg	12/27/02 AM
n-Propylbenzene	ND	1	5	ug/Kg	12/27/02 AM
Naphthalene	ND	1	5	ug/Kg	12/27/02 AM
o-Xylene	ND	1	5	ug/Kg	12/27/02 AM
p-Isopropyltoluene	ND	1	5	ug/Kg	12/27/02 AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 402121 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** WPOL-EX-11A
Date Sampled: 12/26/2002
Time Sampled: 13:00
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
Pentachloroethane	ND	1	5	ug/Kg	12/27/02	AM
Propionitrile	ND	1	5	ug/Kg	12/27/02	AM
sec-Butylbenzene	ND	1	5	ug/Kg	12/27/02	AM
Styrene	ND	1	5	ug/Kg	12/27/02	AM
tert-Butylbenzene	ND	1	5	ug/Kg	12/27/02	AM
Tetrachloroethene	ND	1	5	ug/Kg	12/27/02	AM
Toluene	ND	1	5	ug/Kg	12/27/02	AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	12/27/02	AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	12/27/02	AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/27/02	AM
Trichloroethene	ND	1	5	ug/Kg	12/27/02	AM
Trichlorofluoromethane	ND	1	5	ug/Kg	12/27/02	AM
Vinyl acetate	ND	1	50	ug/Kg	12/27/02	AM
Vinyl chloride	ND	1	5	ug/Kg	12/27/02	AM
Xylenes, total	ND	1	5	ug/Kg	12/27/02	AM
Surrogates				**Units**	**Control Limits**	
1,2-Dichloroethane-d4 (sur)	100			%	70 - 130	
Dibromofluoromethane (sur)	104			%	70 - 130	
p-Bromofluorobenzene (sur)	108			%	70 - 130	
Toluene-d8 (sur)	103			%	70 - 130	

8270C Acid/Base/Neutral Extractables

1,2,4-Trichlorobenzene	ND	3	999.0	ug/Kg	12/28/02	DP
1,2-Dichlorobenzene	ND	3	999.0	ug/Kg	12/28/02	DP
1,3-Dichlorobenzene	ND	3	999.0	ug/Kg	12/28/02	DP
1,4-Dichlorobenzene	ND	3	999.0	ug/Kg	12/28/02	DP
2,4,5-Trichlorophenol	ND	3	4995.0	ug/Kg	12/28/02	DP
2,4,6-Trichlorophenol	ND	3	4995.0	ug/Kg	12/28/02	DP
2,4-Dichlorophenol	ND	3	999.0	ug/Kg	12/28/02	DP
2,4-Dimethylphenol	ND	3	999.0	ug/Kg	12/28/02	DP
2,4-Dinitrophenol	ND	3	4995.0	ug/Kg	12/28/02	DP
2,4-Dinitrotoluene	ND	3	999.0	ug/Kg	12/28/02	DP
2,6-Dinitrotoluene	ND	3	999.0	ug/Kg	12/28/02	DP
2-Chloronaphthalene	ND	3	999.0	ug/Kg	12/28/02	DP
2-Chlorophenol	ND	3	999.0	ug/Kg	12/28/02	DP
2-Methylnaphthalene	ND	3	999.0	ug/Kg	12/28/02	DP
2-Methylphenol	ND	3	999.0	ug/Kg	12/28/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 402121
Matrix: SOLID
Date Sampled: 12/26/2002
Time Sampled: 13:00
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOL-EX-11A

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
2-Nitroaniline	ND	3	4995.0	ug/Kg	12/28/02	DP
2-Nitrophenol	ND	3	999.0	ug/Kg	12/28/02	DP
3,3-Dichlorobenzidine	ND	3	999.0	ug/Kg	12/28/02	DP
3-Nitroaniline	ND	3	4995.0	ug/Kg	12/28/02	DP
4,6-Dinitro-2-methylphenol	ND	3	4995.0	ug/Kg	12/28/02	DP
4-Bromophenyl-phenylether	ND	3	999.0	ug/Kg	12/28/02	DP
4-Chloro-3-methylphenol	ND	3	999.0	ug/Kg	12/28/02	DP
4-Chloroaniline	ND	3	999.0	ug/Kg	12/28/02	DP
4-Chlorophenyl-phenylether	ND	3	999.0	ug/Kg	12/28/02	DP
4-Methylphenol	ND	3	999.0	ug/Kg	12/28/02	DP
4-Nitroaniline	ND	3	4995.0	ug/Kg	12/28/02	DP
4-Nitrophenol	ND	3	4995.0	ug/Kg	12/28/02	DP
Acenaphthene	ND	3	999.0	ug/Kg	12/28/02	DP
Acenaphthylene	ND	3	999.0	ug/Kg	12/28/02	DP
Anthracene	ND	3	999.0	ug/Kg	12/28/02	DP
Benzidine	ND	3	999.0	ug/Kg	12/28/02	DP
Benzo(a)anthracene	ND	3	999.0	ug/Kg	12/28/02	DP
Benzo(a)pyrene	ND	3	999.0	ug/Kg	12/28/02	DP
Benzo(b)fluoranthene	ND	3	999.0	ug/Kg	12/28/02	DP
Benzo(g,h,i)perylene	ND	3	999.0	ug/Kg	12/28/02	DP
Benzo(k)fluoranthene	ND	3	999.0	ug/Kg	12/28/02	DP
Benzoic Acid	ND	3	999.0	ug/Kg	12/28/02	DP
Benzyl alcohol	ND	3	999.0	ug/Kg	12/28/02	DP
bis(2-Chloroethoxy)methane	ND	3	999.0	ug/Kg	12/28/02	DP
bis(2-Chloroethyl)ether	ND	3	999.0	ug/Kg	12/28/02	DP
bis(2-Chloroisopropyl) ether	ND	3	999.0	ug/Kg	12/28/02	DP
bis(2-Ethylhexyl)phthalate	ND	3	999.0	ug/Kg	12/28/02	DP
Butylbenzylphthalate	ND	3	999.0	ug/Kg	12/28/02	DP
Chrysene	ND	3	999.0	ug/Kg	12/28/02	DP
Di-n-butylphthalate	ND	3	999.0	ug/Kg	12/28/02	DP
Di-n-octylphthalate	ND	3	999.0	ug/Kg	12/28/02	DP
Dibenz(a,h)anthracene	ND	3	999.0	ug/Kg	12/28/02	DP
Dibenzofuran	ND	3	999.0	ug/Kg	12/28/02	DP
Diethylphthalate	ND	3	999.0	ug/Kg	12/28/02	DP
Dimethylphthalate	ND	3	999.0	ug/Kg	12/28/02	DP
Fluoranthene	ND	3	999.0	ug/Kg	12/28/02	DP
Fluorene	ND	3	999.0	ug/Kg	12/28/02	DP
Hexachlorobenzene	ND	3	999.0	ug/Kg	12/28/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 402121 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** WPOL-EX-11A
Date Sampled: 12/26/2002
Time Sampled: 13:00
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Hexachlorobutadiene	ND	3	999.0	ug/Kg	12/28/02	DP
Hexachlorocyclopentadiene	ND	3	999.0	ug/Kg	12/28/02	DP
Hexachloroethane	ND	3	999.0	ug/Kg	12/28/02	DP
Indeno(1,2,3-c,d)pyrene	ND	3	999.0	ug/Kg	12/28/02	DP
Isophorone	ND	3	999.0	ug/Kg	12/28/02	DP
N-Nitroso-di-n-propylamine	ND	3	999.0	ug/Kg	12/28/02	DP
N-Nitrosodiphenylamine	ND	3	999.0	ug/Kg	12/28/02	DP
Naphthalene	ND	3	999.0	ug/Kg	12/28/02	DP
Nitrobenzene	ND	3	999.0	ug/Kg	12/28/02	DP
Pentachlorophenol	ND	3	4995.0	ug/Kg	12/28/02	DP
Phenanthrene	ND	3	999.0	ug/Kg	12/28/02	DP
Phenol	ND	3	999.0	ug/Kg	12/28/02	DP
Pyrene	ND	3	999.0	ug/Kg	12/28/02	DP
Surrogates				**Units**	**Control Limits**	
2,4,6-Tribromophenol (sur)	88			%	17 - 122	
2-Fluorobiphenyl (sur)	46			%	30 - 115	
2-Fluorophenol (sur)	34			%	25 - 121	
Nitrobenzene-d5 (sur)	29			%	23 - 120	
Phenol-d5 (sur)	55			%	24 - 113	
Terphenyl-d14 (sur)	89			%	18 - 137	

8015M - Total Petroleum Hydrocarbons

Gasoline	ND	1	5	mg/Kg	12/27/02	CH
Surrogates				**Units**	**Control Limits**	
a,a,a-Trifluorotoluene	100			%	55 - 156	

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 402122
Matrix: SOLID
Date Sampled: 12/26/2002
Time Sampled: 13:30
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOL-EX-12A

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	12/27/02	CH
C10 - C22	ND	1	30	mg/Kg	12/27/02	CH
C22 - C32	ND	1	50	mg/Kg	12/27/02	CH
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	12/27/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	12/27/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	12/27/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	12/27/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	12/27/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	12/27/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	12/27/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	12/27/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	12/27/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	12/27/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	12/27/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	12/27/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	12/27/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	12/27/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	12/27/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	12/27/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	12/27/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	12/27/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	12/27/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	12/27/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	12/27/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	12/27/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	12/27/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	12/27/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	12/27/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	12/27/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	12/27/02	AM
2-Hexanone	ND	1	5	ug/Kg	12/27/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	12/27/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	12/27/02	AM
Acetone	ND	1	5	ug/Kg	12/27/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 402122 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** WPOL-EX-12A
Date Sampled: 12/26/2002
Time Sampled: 13:30
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
Acetonitrile	ND	1	5	ug/Kg	12/27/02	AM
Acrolein	ND	1	200	ug/Kg	12/27/02	AM
Acrylonitrile	ND	1	5	ug/Kg	12/27/02	AM
Allyl chloride	ND	1	5	ug/Kg	12/27/02	AM
Benzene	ND	1	5	ug/Kg	12/27/02	AM
Benzyl chloride	ND	1	5	ug/Kg	12/27/02	AM
Bromobenzene	ND	1	5	ug/Kg	12/27/02	AM
Bromochloromethane	ND	1	5	ug/Kg	12/27/02	AM
Bromodichloromethane	ND	1	5	ug/Kg	12/27/02	AM
Bromoform	ND	1	5	ug/Kg	12/27/02	AM
Bromomethane	ND	1	5	ug/Kg	12/27/02	AM
Carbon Disulfide	ND	1	5	ug/Kg	12/27/02	AM
Carbon tetrachloride	ND	1	5	ug/Kg	12/27/02	AM
Chlorobenzene	ND	1	5	ug/Kg	12/27/02	AM
Chloroethane	ND	1	5	ug/Kg	12/27/02	AM
Chloroform	ND	1	5	ug/Kg	12/27/02	AM
Chloromethane	ND	1	5	ug/Kg	12/27/02	AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	12/27/02	AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	12/27/02	AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/27/02	AM
Dibromochloromethane	ND	1	5	ug/Kg	12/27/02	AM
Dibromomethane	ND	1	5	ug/Kg	12/27/02	AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	12/27/02	AM
Ethyl benzene	ND	1	5	ug/Kg	12/27/02	AM
Ethyl methacrylate	ND	1	5	ug/Kg	12/27/02	AM
Hexachlorobutadiene	ND	1	5	ug/Kg	12/27/02	AM
Iodomethane	ND	1	5	ug/Kg	12/27/02	AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	12/27/02	AM
m and p-Xylene	ND	1	5	ug/Kg	12/27/02	AM
Methacrylonitrile	ND	1	5	ug/Kg	12/27/02	AM
Methyl methacrylate	ND	1	5	ug/Kg	12/27/02	AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	12/27/02	AM
Methylene chloride	ND	1	5	ug/Kg	12/27/02	AM
n-Butylbenzene	ND	1	5	ug/Kg	12/27/02	AM
n-Propylbenzene	ND	1	5	ug/Kg	12/27/02	AM
Naphthalene	ND	1	5	ug/Kg	12/27/02	AM
o-Xylene	ND	1	5	ug/Kg	12/27/02	AM
p-Isopropyltoluene	ND	1	5	ug/Kg	12/27/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 402122 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** WPOL-EX-12A
Date Sampled: 12/26/2002
Time Sampled: 13:30
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
Pentachloroethane	ND	1	5	ug/Kg	12/27/02	AM
Propionitrile	ND	1	5	ug/Kg	12/27/02	AM
sec-Butylbenzene	ND	1	5	ug/Kg	12/27/02	AM
Styrene	ND	1	5	ug/Kg	12/27/02	AM
tert-Butylbenzene	ND	1	5	ug/Kg	12/27/02	AM
Tetrachloroethene	ND	1	5	ug/Kg	12/27/02	AM
Toluene	ND	1	5	ug/Kg	12/27/02	AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	12/27/02	AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	12/27/02	AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/27/02	AM
Trichloroethene	ND	1	5	ug/Kg	12/27/02	AM
Trichlorofluoromethane	ND	1	5	ug/Kg	12/27/02	AM
Vinyl acetate	ND	1	50	ug/Kg	12/27/02	AM
Vinyl chloride	ND	1	5	ug/Kg	12/27/02	AM
Xylenes, total	ND	1	5	ug/Kg	12/27/02	AM
Surrogates				**Units**	**Control Limits**	
1,2-Dichloroethane-d4 (sur)	113			%	70 - 130	
Dibromofluoromethane (sur)	107			%	70 - 130	
p-Bromofluorobenzene (sur)	112			%	70 - 130	
Toluene-d8 (sur)	100			%	70 - 130	
8270C Acid/Base/Neutral Extractables						
1,2,4-Trichlorobenzene	ND	3	999.0	ug/Kg	12/28/02	DP
1,2-Dichlorobenzene	ND	3	999.0	ug/Kg	12/28/02	DP
1,3-Dichlorobenzene	ND	3	999.0	ug/Kg	12/28/02	DP
1,4-Dichlorobenzene	ND	3	999.0	ug/Kg	12/28/02	DP
2,4,5-Trichlorophenol	ND	3	4995.0	ug/Kg	12/28/02	DP
2,4,6-Trichlorophenol	ND	3	4995.0	ug/Kg	12/28/02	DP
2,4-Dichlorophenol	ND	3	999.0	ug/Kg	12/28/02	DP
2,4-Dimethylphenol	ND	3	999.0	ug/Kg	12/28/02	DP
2,4-Dinitrophenol	ND	3	4995.0	ug/Kg	12/28/02	DP
2,4-Dinitrotoluene	ND	3	999.0	ug/Kg	12/28/02	DP
2,6-Dinitrotoluene	ND	3	999.0	ug/Kg	12/28/02	DP
2-Chloronaphthalene	ND	3	999.0	ug/Kg	12/28/02	DP
2-Chlorophenol	ND	3	999.0	ug/Kg	12/28/02	DP
2-Methylnaphthalene	ND	3	999.0	ug/Kg	12/28/02	DP
2-Methylphenol	ND	3	999.0	ug/Kg	12/28/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 402122 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** WPOL-EX-12A
Date Sampled: 12/26/2002
Time Sampled: 13:30
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
2-Nitroaniline	ND	3	4995.0	ug/Kg	12/28/02	DP
2-Nitrophenol	ND	3	999.0	ug/Kg	12/28/02	DP
3,3-Dichlorobenzidine	ND	3	999.0	ug/Kg	12/28/02	DP
3-Nitroaniline	ND	3	4995.0	ug/Kg	12/28/02	DP
4,6-Dinitro-2-methylphenol	ND	3	4995.0	ug/Kg	12/28/02	DP
4-Bromophenyl-phenylether	ND	3	999.0	ug/Kg	12/28/02	DP
4-Chloro-3-methylphenol	ND	3	999.0	ug/Kg	12/28/02	DP
4-Chloroaniline	ND	3	999.0	ug/Kg	12/28/02	DP
4-Chlorophenyl-phenylether	ND	3	999.0	ug/Kg	12/28/02	DP
4-Methylphenol	ND	3	999.0	ug/Kg	12/28/02	DP
4-Nitroaniline	ND	3	4995.0	ug/Kg	12/28/02	DP
4-Nitrophenol	ND	3	4995.0	ug/Kg	12/28/02	DP
Acenaphthene	ND	3	999.0	ug/Kg	12/28/02	DP
Acenaphthylene	ND	3	999.0	ug/Kg	12/28/02	DP
Anthracene	ND	3	999.0	ug/Kg	12/28/02	DP
Benzidine	ND	3	999.0	ug/Kg	12/28/02	DP
Benzo(a)anthracene	ND	3	999.0	ug/Kg	12/28/02	DP
Benzo(a)pyrene	ND	3	999.0	ug/Kg	12/28/02	DP
Benzo(b)fluoranthene	ND	3	999.0	ug/Kg	12/28/02	DP
Benzo(g,h,i)perylene	ND	3	999.0	ug/Kg	12/28/02	DP
Benzo(k)fluoranthene	ND	3	999.0	ug/Kg	12/28/02	DP
Benzoic Acid	ND	3	999.0	ug/Kg	12/28/02	DP
Benzyl alcohol	ND	3	999.0	ug/Kg	12/28/02	DP
bis(2-Chloroethoxy)methane	ND	3	999.0	ug/Kg	12/28/02	DP
bis(2-Chloroethyl)ether	ND	3	999.0	ug/Kg	12/28/02	DP
bis(2-Chloroisopropyl) ether	ND	3	999.0	ug/Kg	12/28/02	DP
bis(2-Ethylhexyl)phthalate	ND	3	999.0	ug/Kg	12/28/02	DP
Butylbenzylphthalate	ND	3	999.0	ug/Kg	12/28/02	DP
Chrysene	ND	3	999.0	ug/Kg	12/28/02	DP
Di-n-butylphthalate	ND	3	999.0	ug/Kg	12/28/02	DP
Di-n-octylphthalate	ND	3	999.0	ug/Kg	12/28/02	DP
Dibenz(a,h)anthracene	ND	3	999.0	ug/Kg	12/28/02	DP
Dibenzofuran	ND	3	999.0	ug/Kg	12/28/02	DP
Diethylphthalate	ND	3	999.0	ug/Kg	12/28/02	DP
Dimethylphthalate	ND	3	999.0	ug/Kg	12/28/02	DP
Fluoranthene	ND	3	999.0	ug/Kg	12/28/02	DP
Fluorene	ND	3	999.0	ug/Kg	12/28/02	DP
Hexachlorobenzene	ND	3	999.0	ug/Kg	12/28/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 402122 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** WPOL-EX-12A
Date Sampled: 12/26/2002
Time Sampled: 13:30
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Hexachlorobutadiene	ND	3	999.0	ug/Kg	12/28/02	DP
Hexachlorocyclopentadiene	ND	3	999.0	ug/Kg	12/28/02	DP
Hexachloroethane	ND	3	999.0	ug/Kg	12/28/02	DP
Indeno(1,2,3-c,d)pyrene	ND	3	999.0	ug/Kg	12/28/02	DP
Isophorone	ND	3	999.0	ug/Kg	12/28/02	DP
N-Nitroso-di-n-propylamine	ND	3	999.0	ug/Kg	12/28/02	DP
N-Nitrosodiphenylamine	ND	3	999.0	ug/Kg	12/28/02	DP
Naphthalene	ND	3	999.0	ug/Kg	12/28/02	DP
Nitrobenzene	ND	3	999.0	ug/Kg	12/28/02	DP
Pentachlorophenol	ND	3	4995.0	ug/Kg	12/28/02	DP
Phenanthrene	ND	3	999.0	ug/Kg	12/28/02	DP
Phenol	ND	3	999.0	ug/Kg	12/28/02	DP
Pyrene	ND	3	999.0	ug/Kg	12/28/02	DP
Surrogates				**Units**	**Control Limits**	
2,4,6-Tribromophenol (sur)	77			%	17 - 122	
2-Fluorobiphenyl (sur)	42			%	30 - 115	
2-Fluorophenol (sur)	29			%	25 - 121	
Nitrobenzene-d5 (sur)	30			%	23 - 120	
Phenol-d5 (sur)	45			%	24 - 113	
Terphenyl-d14 (sur)	76			%	18 - 137	

8015M - Total Petroleum Hydrocarbons

Gasoline	ND	1	5	mg/Kg	12/27/02	CH
Surrogates				**Units**	**Control Limits**	
a,a,a-Trifluorotoluene	100			%	55 - 156	

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 402123 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** WPOL-EX-18A
Date Sampled: 12/26/2002
Time Sampled: 13:57
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	12/27/02	CH
C10 - C22	ND	1	30	mg/Kg	12/27/02	CH
C22 - C32	ND	1	50	mg/Kg	12/27/02	CH
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	100	500.0	ug/Kg	12/27/02	AM
1,1,1-Trichloroethane	ND	100	500.0	ug/Kg	12/27/02	AM
1,1,2,2-Tetrachloroethane	ND	100	500.0	ug/Kg	12/27/02	AM
1,1,2-Trichloroethane	ND	100	500.0	ug/Kg	12/27/02	AM
1,1,2-Trichlorotrifluoroethane	ND	100	500.0	ug/Kg	12/27/02	AM
1,1-Dichloroethane	ND	100	500.0	ug/Kg	12/27/02	AM
1,1-Dichloroethene	ND	100	500.0	ug/Kg	12/27/02	AM
1,1-Dichloropropene	ND	100	500.0	ug/Kg	12/27/02	AM
1,2,3-Trichlorobenzene	ND	100	500.0	ug/Kg	12/27/02	AM
1,2,3-Trichloropropane	ND	100	500.0	ug/Kg	12/27/02	AM
1,2,4-Trichlorobenzene	ND	100	500.0	ug/Kg	12/27/02	AM
1,2,4-Trimethylbenzene	ND	100	500.0	ug/Kg	12/27/02	AM
1,2-Dibromo-3-chloropropane	ND	100	500.0	ug/Kg	12/27/02	AM
1,2-Dibromoethane	ND	100	500.0	ug/Kg	12/27/02	AM
1,2-Dichlorobenzene	ND	100	500.0	ug/Kg	12/27/02	AM
1,2-Dichloroethane	ND	100	500.0	ug/Kg	12/27/02	AM
1,2-Dichloropropane	ND	100	500.0	ug/Kg	12/27/02	AM
1,3,5-Trimethylbenzene	ND	100	500.0	ug/Kg	12/27/02	AM
1,3-Dichlorobenzene	ND	100	500.0	ug/Kg	12/27/02	AM
1,3-Dichloropropane	ND	100	500.0	ug/Kg	12/27/02	AM
1,4-Dichlorobenzene	ND	100	500.0	ug/Kg	12/27/02	AM
1,4-Dioxane	ND	100	20000.0	ug/Kg	12/27/02	AM
1-Chlorohexane	ND	100	500.0	ug/Kg	12/27/02	AM
2,2-Dichloropropane	ND	100	500.0	ug/Kg	12/27/02	AM
2-Butanone (MEK)	ND	100	10000.0	ug/Kg	12/27/02	AM
2-Chloroethyl vinyl ether	ND	100	500.0	ug/Kg	12/27/02	AM
2-Chlorotoluene	ND	100	500.0	ug/Kg	12/27/02	AM
2-Hexanone	ND	100	500.0	ug/Kg	12/27/02	AM
4-Chlorotoluene	ND	100	500.0	ug/Kg	12/27/02	AM
4-Methyl -2- Pentanone	ND	100	500.0	ug/Kg	12/27/02	AM
Acetone	ND	100	500.0	ug/Kg	12/27/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 402123
Matrix: SOLID
Date Sampled: 12/26/2002
Time Sampled: 13:57
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: WPOL-EX-18A

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
Acetonitrile	ND	100	500.0	ug/Kg	12/27/02	AM
Acrolein	ND	100	20000.0	ug/Kg	12/27/02	AM
Acrylonitrile	ND	100	500.0	ug/Kg	12/27/02	AM
Allyl chloride	ND	100	500.0	ug/Kg	12/27/02	AM
Benzene	ND	100	500.0	ug/Kg	12/27/02	AM
Benzyl chloride	ND	100	500.0	ug/Kg	12/27/02	AM
Bromobenzene	ND	100	500.0	ug/Kg	12/27/02	AM
Bromochloromethane	ND	100	500.0	ug/Kg	12/27/02	AM
Bromodichloromethane	ND	100	500.0	ug/Kg	12/27/02	AM
Bromoform	ND	100	500.0	ug/Kg	12/27/02	AM
Bromomethane	ND	100	500.0	ug/Kg	12/27/02	AM
Carbon Disulfide	ND	100	500.0	ug/Kg	12/27/02	AM
Carbon tetrachloride	ND	100	500.0	ug/Kg	12/27/02	AM
Chlorobenzene	ND	100	500.0	ug/Kg	12/27/02	AM
Chloroethane	ND	100	500.0	ug/Kg	12/27/02	AM
Chloroform	ND	100	500.0	ug/Kg	12/27/02	AM
Chloromethane	ND	100	500.0	ug/Kg	12/27/02	AM
cis-1,2-Dichloroethene	ND	100	500.0	ug/Kg	12/27/02	AM
cis-1,3-Dichloropropene	ND	100	500.0	ug/Kg	12/27/02	AM
cis-1,4-Dichloro-2-butene	ND	100	500.0	ug/Kg	12/27/02	AM
Dibromochloromethane	ND	100	500.0	ug/Kg	12/27/02	AM
Dibromomethane	ND	100	500.0	ug/Kg	12/27/02	AM
Dichlorodifluoromethane	ND	100	500.0	ug/Kg	12/27/02	AM
Ethyl benzene	ND	100	500.0	ug/Kg	12/27/02	AM
Ethyl methacrylate	ND	100	500.0	ug/Kg	12/27/02	AM
Hexachlorobutadiene	ND	100	500.0	ug/Kg	12/27/02	AM
Iodomethane	ND	100	500.0	ug/Kg	12/27/02	AM
Isopropylbenzene (Cumene)	ND	100	500.0	ug/Kg	12/27/02	AM
m and p-Xylene	ND	100	500.0	ug/Kg	12/27/02	AM
Methacrylonitrile	ND	100	500.0	ug/Kg	12/27/02	AM
Methyl methacrylate	ND	100	500.0	ug/Kg	12/27/02	AM
Methyl-tert-butylether (MTBE)	ND	100	500.0	ug/Kg	12/27/02	AM
Methylene chloride	ND	100	500.0	ug/Kg	12/27/02	AM
n-Butylbenzene	ND	100	500.0	ug/Kg	12/27/02	AM
n-Propylbenzene	ND	100	500.0	ug/Kg	12/27/02	AM
Naphthalene	ND	100	500.0	ug/Kg	12/27/02	AM
o-Xylene	ND	100	500.0	ug/Kg	12/27/02	AM
p-Isopropyltoluene	ND	100	500.0	ug/Kg	12/27/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 402123 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** WPOL-EX-18A
Date Sampled: 12/26/2002
Time Sampled: 13:57
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
Pentachloroethane	ND	100	500.0	ug/Kg	12/27/02	AM
Propionitrile	ND	100	500.0	ug/Kg	12/27/02	AM
sec-Butylbenzene	ND	100	500.0	ug/Kg	12/27/02	AM
Styrene	ND	100	500.0	ug/Kg	12/27/02	AM
tert-Butylbenzene	ND	100	500.0	ug/Kg	12/27/02	AM
Tetrachloroethene	ND	100	500.0	ug/Kg	12/27/02	AM
Toluene	ND	100	500.0	ug/Kg	12/27/02	AM
trans-1,2-Dichloroethene	ND	100	500.0	ug/Kg	12/27/02	AM
trans-1,3-Dichloropropene	ND	100	500.0	ug/Kg	12/27/02	AM
trans-1,4-Dichloro-2-butene	ND	100	500.0	ug/Kg	12/27/02	AM
Trichloroethene	ND	100	500.0	ug/Kg	12/27/02	AM
Trichlorofluoromethane	ND	100	500.0	ug/Kg	12/27/02	AM
Vinyl acetate	ND	100	5000.0	ug/Kg	12/27/02	AM
Vinyl chloride	ND	100	500.0	ug/Kg	12/27/02	AM
Xylenes, total	ND	100	500.0	ug/Kg	12/27/02	AM
Surrogates				**Units**	**Control Limits**	
1,2-Dichloroethane-d4 (sur)	102			%	70 - 130	
Dibromofluoromethane (sur)	100			%	70 - 130	
p-Bromofluorobenzene (sur)	111			%	70 - 130	
Toluene-d8 (sur)	103			%	70 - 130	
8270C Acid/Base/Neutral Extractables						
1,2,4-Trichlorobenzene	ND	3	999.0	ug/Kg	12/28/02	DP
1,2-Dichlorobenzene	ND	3	999.0	ug/Kg	12/28/02	DP
1,3-Dichlorobenzene	ND	3	999.0	ug/Kg	12/28/02	DP
1,4-Dichlorobenzene	ND	3	999.0	ug/Kg	12/28/02	DP
2,4,5-Trichlorophenol	ND	3	4995.0	ug/Kg	12/28/02	DP
2,4,6-Trichlorophenol	ND	3	4995.0	ug/Kg	12/28/02	DP
2,4-Dichlorophenol	ND	3	999.0	ug/Kg	12/28/02	DP
2,4-Dimethylphenol	ND	3	999.0	ug/Kg	12/28/02	DP
2,4-Dinitrophenol	ND	3	4995.0	ug/Kg	12/28/02	DP
2,4-Dinitrotoluene	ND	3	999.0	ug/Kg	12/28/02	DP
2,6-Dinitrotoluene	ND	3	999.0	ug/Kg	12/28/02	DP
2-Chloronaphthalene	ND	3	999.0	ug/Kg	12/28/02	DP
2-Chlorophenol	ND	3	999.0	ug/Kg	12/28/02	DP
2-Methylnaphthalene	ND	3	999.0	ug/Kg	12/28/02	DP
2-Methylphenol	ND	3	999.0	ug/Kg	12/28/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 402123 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** WPOL-EX-18A
Date Sampled: 12/26/2002
Time Sampled: 13:57
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
2-Nitroaniline	ND	3	4995.0	ug/Kg	12/28/02	DP
2-Nitrophenol	ND	3	999.0	ug/Kg	12/28/02	DP
3,3-Dichlorobenzidine	ND	3	999.0	ug/Kg	12/28/02	DP
3-Nitroaniline	ND	3	4995.0	ug/Kg	12/28/02	DP
4,6-Dinitro-2-methylphenol	ND	3	4995.0	ug/Kg	12/28/02	DP
4-Bromophenyl-phenylether	ND	3	999.0	ug/Kg	12/28/02	DP
4-Chloro-3-methylphenol	ND	3	999.0	ug/Kg	12/28/02	DP
4-Chloroaniline	ND	3	999.0	ug/Kg	12/28/02	DP
4-Chlorophenyl-phenylether	ND	3	999.0	ug/Kg	12/28/02	DP
4-Methylphenol	ND	3	999.0	ug/Kg	12/28/02	DP
4-Nitroaniline	ND	3	4995.0	ug/Kg	12/28/02	DP
4-Nitrophenol	ND	3	4995.0	ug/Kg	12/28/02	DP
Acenaphthene	ND	3	999.0	ug/Kg	12/28/02	DP
Acenaphthylene	ND	3	999.0	ug/Kg	12/28/02	DP
Anthracene	ND	3	999.0	ug/Kg	12/28/02	DP
Benzidine	ND	3	999.0	ug/Kg	12/28/02	DP
Benzo(a)anthracene	ND	3	999.0	ug/Kg	12/28/02	DP
Benzo(a)pyrene	ND	3	999.0	ug/Kg	12/28/02	DP
Benzo(b)fluoranthene	ND	3	999.0	ug/Kg	12/28/02	DP
Benzo(g,h,i)perylene	ND	3	999.0	ug/Kg	12/28/02	DP
Benzo(k)fluoranthene	ND	3	999.0	ug/Kg	12/28/02	DP
Benzoic Acid	ND	3	999.0	ug/Kg	12/28/02	DP
Benzyl alcohol	ND	3	999.0	ug/Kg	12/28/02	DP
bis(2-Chloroethoxy)methane	ND	3	999.0	ug/Kg	12/28/02	DP
bis(2-Chloroethyl)ether	ND	3	999.0	ug/Kg	12/28/02	DP
bis(2-Chloroisopropyl) ether	ND	3	999.0	ug/Kg	12/28/02	DP
bis(2-Ethylhexyl)phthalate	ND	3	999.0	ug/Kg	12/28/02	DP
Butylbenzylphthalate	ND	3	999.0	ug/Kg	12/28/02	DP
Chrysene	ND	3	999.0	ug/Kg	12/28/02	DP
Di-n-butylphthalate	ND	3	999.0	ug/Kg	12/28/02	DP
Di-n-octylphthalate	ND	3	999.0	ug/Kg	12/28/02	DP
Dibenz(a,h)anthracene	ND	3	999.0	ug/Kg	12/28/02	DP
Dibenzofuran	ND	3	999.0	ug/Kg	12/28/02	DP
Diethylphthalate	ND	3	999.0	ug/Kg	12/28/02	DP
Dimethylphthalate	ND	3	999.0	ug/Kg	12/28/02	DP
Fluoranthene	ND	3	999.0	ug/Kg	12/28/02	DP
Fluorene	ND	3	999.0	ug/Kg	12/28/02	DP
Hexachlorobenzene	ND	3	999.0	ug/Kg	12/28/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 402123 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** WPOL-EX-18A
Date Sampled: 12/26/2002
Time Sampled: 13:57
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Hexachlorobutadiene	ND	3	999.0	ug/Kg	12/28/02	DP
Hexachlorocyclopentadiene	ND	3	999.0	ug/Kg	12/28/02	DP
Hexachloroethane	ND	3	999.0	ug/Kg	12/28/02	DP
Indeno(1,2,3-c,d)pyrene	ND	3	999.0	ug/Kg	12/28/02	DP
Isophorone	ND	3	999.0	ug/Kg	12/28/02	DP
N-Nitroso-di-n-propylamine	ND	3	999.0	ug/Kg	12/28/02	DP
N-Nitrosodiphenylamine	ND	3	999.0	ug/Kg	12/28/02	DP
Naphthalene	ND	3	999.0	ug/Kg	12/28/02	DP
Nitrobenzene	ND	3	999.0	ug/Kg	12/28/02	DP
Pentachlorophenol	ND	3	4995.0	ug/Kg	12/28/02	DP
Phenanthrene	ND	3	999.0	ug/Kg	12/28/02	DP
Phenol	ND	3	999.0	ug/Kg	12/28/02	DP
Pyrene	ND	3	999.0	ug/Kg	12/28/02	DP
Surrogates				**Units**	**Control Limits**	
2,4,6-Tribromophenol (sur)	91			%	17 - 122	
2-Fluorobiphenyl (sur)	52			%	30 - 115	
2-Fluorophenol (sur)	32			%	25 - 121	
Nitrobenzene-d5 (sur)	40			%	23 - 120	
Phenol-d5 (sur)	55			%	24 - 113	
Terphenyl-d14 (sur)	90			%	18 - 137	

8015M - Total Petroleum Hydrocarbons

Gasoline	ND	1	5	mg/Kg	12/27/02	CH
Surrogates				**Units**	**Control Limits**	
a,a,a-Trifluorotoluene	83			%	55 - 156	

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 402124 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** Laboratory Method Blank
Date Sampled:
Time Sampled:
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8015 Carbon Chain I						
C06 - C10	ND	1	20	mg/Kg	12/27/02	CH
C10 - C22	ND	1	30	mg/Kg	12/27/02	CH
C22 - C32	ND	1	50	mg/Kg	12/27/02	CH
8260B Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	ND	1	5	ug/Kg	12/27/02	AM
1,1,1-Trichloroethane	ND	1	5	ug/Kg	12/27/02	AM
1,1,2,2-Tetrachloroethane	ND	1	5	ug/Kg	12/27/02	AM
1,1,2-Trichloroethane	ND	1	5	ug/Kg	12/27/02	AM
1,1,2-Trichlorotrifluoroethane	ND	1	5	ug/Kg	12/27/02	AM
1,1-Dichloroethane	ND	1	5	ug/Kg	12/27/02	AM
1,1-Dichloroethene	ND	1	5	ug/Kg	12/27/02	AM
1,1-Dichloropropene	ND	1	5	ug/Kg	12/27/02	AM
1,2,3-Trichlorobenzene	ND	1	5	ug/Kg	12/27/02	AM
1,2,3-Trichloropropane	ND	1	5	ug/Kg	12/27/02	AM
1,2,4-Trichlorobenzene	ND	1	5	ug/Kg	12/27/02	AM
1,2,4-Trimethylbenzene	ND	1	5	ug/Kg	12/27/02	AM
1,2-Dibromo-3-chloropropane	ND	1	5	ug/Kg	12/27/02	AM
1,2-Dibromoethane	ND	1	5	ug/Kg	12/27/02	AM
1,2-Dichlorobenzene	ND	1	5	ug/Kg	12/27/02	AM
1,2-Dichloroethane	ND	1	5	ug/Kg	12/27/02	AM
1,2-Dichloropropane	ND	1	5	ug/Kg	12/27/02	AM
1,3,5-Trimethylbenzene	ND	1	5	ug/Kg	12/27/02	AM
1,3-Dichlorobenzene	ND	1	5	ug/Kg	12/27/02	AM
1,3-Dichloropropane	ND	1	5	ug/Kg	12/27/02	AM
1,4-Dichlorobenzene	ND	1	5	ug/Kg	12/27/02	AM
1,4-Dioxane	ND	1	200	ug/Kg	12/27/02	AM
1-Chlorohexane	ND	1	5	ug/Kg	12/27/02	AM
2,2-Dichloropropane	ND	1	5	ug/Kg	12/27/02	AM
2-Butanone (MEK)	ND	1	100	ug/Kg	12/27/02	AM
2-Chloroethyl vinyl ether	ND	1	5	ug/Kg	12/27/02	AM
2-Chlorotoluene	ND	1	5	ug/Kg	12/27/02	AM
2-Hexanone	ND	1	5	ug/Kg	12/27/02	AM
4-Chlorotoluene	ND	1	5	ug/Kg	12/27/02	AM
4-Methyl -2- Pentanone	ND	1	5	ug/Kg	12/27/02	AM
Acetone	ND	1	5	ug/Kg	12/27/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 402124
Matrix: SOLID
Date Sampled:
Time Sampled:
Sampled By:

Client: Foster Wheeler Environmental Corp.
Client Sample ID: Laboratory Method Blank

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
Acetonitrile	ND	1	5	ug/Kg	12/27/02	AM
Acrolein	ND	1	200	ug/Kg	12/27/02	AM
Acrylonitrile	ND	1	5	ug/Kg	12/27/02	AM
Allyl chloride	ND	1	5	ug/Kg	12/27/02	AM
Benzene	ND	1	5	ug/Kg	12/27/02	AM
Benzyl chloride	ND	1	5	ug/Kg	12/27/02	AM
Bromobenzene	ND	1	5	ug/Kg	12/27/02	AM
Bromochloromethane	ND	1	5	ug/Kg	12/27/02	AM
Bromodichloromethane	ND	1	5	ug/Kg	12/27/02	AM
Bromoform	ND	1	5	ug/Kg	12/27/02	AM
Bromomethane	ND	1	5	ug/Kg	12/27/02	AM
Carbon Disulfide	ND	1	5	ug/Kg	12/27/02	AM
Carbon tetrachloride	ND	1	5	ug/Kg	12/27/02	AM
Chlorobenzene	ND	1	5	ug/Kg	12/27/02	AM
Chloroethane	ND	1	5	ug/Kg	12/27/02	AM
Chloroform	ND	1	5	ug/Kg	12/27/02	AM
Chloromethane	ND	1	5	ug/Kg	12/27/02	AM
cis-1,2-Dichloroethene	ND	1	5	ug/Kg	12/27/02	AM
cis-1,3-Dichloropropene	ND	1	5	ug/Kg	12/27/02	AM
cis-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/27/02	AM
Dibromochloromethane	ND	1	5	ug/Kg	12/27/02	AM
Dibromomethane	ND	1	5	ug/Kg	12/27/02	AM
Dichlorodifluoromethane	ND	1	5	ug/Kg	12/27/02	AM
Ethyl benzene	ND	1	5	ug/Kg	12/27/02	AM
Ethyl methacrylate	ND	1	5	ug/Kg	12/27/02	AM
Hexachlorobutadiene	ND	1	5	ug/Kg	12/27/02	AM
Iodomethane	ND	1	5	ug/Kg	12/27/02	AM
Isopropylbenzene (Cumene)	ND	1	5	ug/Kg	12/27/02	AM
m and p-Xylene	ND	1	5	ug/Kg	12/27/02	AM
Methacrylonitrile	ND	1	5	ug/Kg	12/27/02	AM
Methyl methacrylate	ND	1	5	ug/Kg	12/27/02	AM
Methyl-tert-butylether (MTBE)	ND	1	5	ug/Kg	12/27/02	AM
Methylene chloride	ND	1	5	ug/Kg	12/27/02	AM
n-Butylbenzene	ND	1	5	ug/Kg	12/27/02	AM
n-Propylbenzene	ND	1	5	ug/Kg	12/27/02	AM
Naphthalene	ND	1	5	ug/Kg	12/27/02	AM
o-Xylene	ND	1	5	ug/Kg	12/27/02	AM
p-Isopropyltoluene	ND	1	5	ug/Kg	12/27/02	AM

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 402124 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** Laboratory Method Blank
Date Sampled:
Time Sampled:
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8260B Volatile Organic Compounds						
Pentachloroethane	ND	1	5	ug/Kg	12/27/02	AM
Propionitrile	ND	1	5	ug/Kg	12/27/02	AM
sec-Butylbenzene	ND	1	5	ug/Kg	12/27/02	AM
Styrene	ND	1	5	ug/Kg	12/27/02	AM
tert-Butylbenzene	ND	1	5	ug/Kg	12/27/02	AM
Tetrachloroethene	ND	1	5	ug/Kg	12/27/02	AM
Toluene	ND	1	5	ug/Kg	12/27/02	AM
trans-1,2-Dichloroethene	ND	1	5	ug/Kg	12/27/02	AM
trans-1,3-Dichloropropene	ND	1	5	ug/Kg	12/27/02	AM
trans-1,4-Dichloro-2-butene	ND	1	5	ug/Kg	12/27/02	AM
Trichloroethene	ND	1	5	ug/Kg	12/27/02	AM
Trichlorofluoromethane	ND	1	5	ug/Kg	12/27/02	AM
Vinyl acetate	ND	1	50	ug/Kg	12/27/02	AM
Vinyl chloride	ND	1	5	ug/Kg	12/27/02	AM
Xylenes, total	ND	1	5	ug/Kg	12/27/02	AM
Surrogates				**Units**	**Control Limits**	
1,2-Dichloroethane-d4 (sur)	99			%	70 - 130	
Dibromofluoromethane (sur)	105			%	70 - 130	
p-Bromofluorobenzene (sur)	110			%	70 - 130	
Toluene-d8 (sur)	104			%	70 - 130	

8270C Acid/Base/Neutral Extractables

1,2,4-Trichlorobenzene	ND	1	333	ug/Kg	12/28/02	DP
1,2-Dichlorobenzene	ND	1	333	ug/Kg	12/28/02	DP
1,3-Dichlorobenzene	ND	1	333	ug/Kg	12/28/02	DP
1,4-Dichlorobenzene	ND	1	333	ug/Kg	12/28/02	DP
2,4,5-Trichlorophenol	ND	1	1665	ug/Kg	12/28/02	DP
2,4,6-Trichlorophenol	ND	1	1665	ug/Kg	12/28/02	DP
2,4-Dichlorophenol	ND	1	333	ug/Kg	12/28/02	DP
2,4-Dimethylphenol	ND	1	333	ug/Kg	12/28/02	DP
2,4-Dinitrophenol	ND	1	1665	ug/Kg	12/28/02	DP
2,4-Dinitrotoluene	ND	1	333	ug/Kg	12/28/02	DP
2,6-Dinitrotoluene	ND	1	333	ug/Kg	12/28/02	DP
2-Chloronaphthalene	ND	1	333	ug/Kg	12/28/02	DP
2-Chlorophenol	ND	1	333	ug/Kg	12/28/02	DP
2-Methylnaphthalene	ND	1	333	ug/Kg	12/28/02	DP
2-Methylphenol	ND	1	333	ug/Kg	12/28/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 402124 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** Laboratory Method Blank
Date Sampled:
Time Sampled:
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
2-Nitroaniline	ND	1	1665	ug/Kg	12/28/02	DP
2-Nitrophenol	ND	1	333	ug/Kg	12/28/02	DP
3,3-Dichlorobenzidine	ND	1	333	ug/Kg	12/28/02	DP
3-Nitroaniline	ND	1	1665	ug/Kg	12/28/02	DP
4,6-Dinitro-2-methylphenol	ND	1	1665	ug/Kg	12/28/02	DP
4-Bromophenyl-phenylether	ND	1	333	ug/Kg	12/28/02	DP
4-Chloro-3-methylphenol	ND	1	333	ug/Kg	12/28/02	DP
4-Chloroaniline	ND	1	333	ug/Kg	12/28/02	DP
4-Chlorophenyl-phenylether	ND	1	333	ug/Kg	12/28/02	DP
4-Methylphenol	ND	1	333	ug/Kg	12/28/02	DP
4-Nitroaniline	ND	1	1665	ug/Kg	12/28/02	DP
4-Nitrophenol	ND	1	1665	ug/Kg	12/28/02	DP
Acenaphthene	ND	1	333	ug/Kg	12/28/02	DP
Acenaphthylene	ND	1	333	ug/Kg	12/28/02	DP
Anthracene	ND	1	333	ug/Kg	12/28/02	DP
Benzidine	ND	1	333	ug/Kg	12/28/02	DP
Benzo(a)anthracene	ND	1	333	ug/Kg	12/28/02	DP
Benzo(a)pyrene	ND	1	333	ug/Kg	12/28/02	DP
Benzo(b)fluoranthene	ND	1	333	ug/Kg	12/28/02	DP
Benzo(g,h,i)perylene	ND	1	333	ug/Kg	12/28/02	DP
Benzo(k)fluoranthene	ND	1	333	ug/Kg	12/28/02	DP
Benzoic Acid	ND	1	333	ug/Kg	12/28/02	DP
Benzyl alcohol	ND	1	333	ug/Kg	12/28/02	DP
bis(2-Chloroethoxy)methane	ND	1	333	ug/Kg	12/28/02	DP
bis(2-Chloroethyl)ether	ND	1	333	ug/Kg	12/28/02	DP
bis(2-Chloroisopropyl) ether	ND	1	333	ug/Kg	12/28/02	DP
bis(2-Ethylhexyl)phthalate	ND	1	333	ug/Kg	12/28/02	DP
Butylbenzylphthalate	ND	1	333	ug/Kg	12/28/02	DP
Chrysene	ND	1	333	ug/Kg	12/28/02	DP
Di-n-butylphthalate	ND	1	333	ug/Kg	12/28/02	DP
Di-n-octylphthalate	ND	1	333	ug/Kg	12/28/02	DP
Dibenz(a,h)anthracene	ND	1	333	ug/Kg	12/28/02	DP
Dibenzofuran	ND	1	333	ug/Kg	12/28/02	DP
Diethylphthalate	ND	1	333	ug/Kg	12/28/02	DP
Dimethylphthalate	ND	1	333	ug/Kg	12/28/02	DP
Fluoranthene	ND	1	333	ug/Kg	12/28/02	DP
Fluorene	ND	1	333	ug/Kg	12/28/02	DP
Hexachlorobenzene	ND	1	333	ug/Kg	12/28/02	DP

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

Order #: 402124 **Client:** Foster Wheeler Environmental Corp.
Matrix: SOLID **Client Sample ID:** Laboratory Method Blank
Date Sampled:
Time Sampled:
Sampled By:

Analyte	Result	DF	DLR	Units	Date/Analyst	
8270C Acid/Base/Neutral Extractables						
Hexachlorobutadiene	ND	1	333	ug/Kg	12/28/02	DP
Hexachlorocyclopentadiene	ND	1	333	ug/Kg	12/28/02	DP
Hexachloroethane	ND	1	333	ug/Kg	12/28/02	DP
Indeno(1,2,3-c,d)pyrene	ND	1	333	ug/Kg	12/28/02	DP
Isophorone	ND	1	333	ug/Kg	12/28/02	DP
N-Nitroso-di-n-propylamine	ND	1	333	ug/Kg	12/28/02	DP
N-Nitrosodiphenylamine	ND	1	333	ug/Kg	12/28/02	DP
Naphthalene	ND	1	333	ug/Kg	12/28/02	DP
Nitrobenzene	ND	1	333	ug/Kg	12/28/02	DP
Pentachlorophenol	ND	1	1665	ug/Kg	12/28/02	DP
Phenanthrene	ND	1	333	ug/Kg	12/28/02	DP
Phenol	ND	1	333	ug/Kg	12/28/02	DP
Pyrene	ND	1	333	ug/Kg	12/28/02	DP
Surrogates				**Units**	**Control Limits**	
2,4,6-Tribromophenol (sur)	64			%	17 - 122	
2-Fluorobiphenyl (sur)	53			%	30 - 115	
2-Fluorophenol (sur)	40			%	25 - 121	
Nitrobenzene-d5 (sur)	44			%	23 - 120	
Phenol-d5 (sur)	49			%	24 - 113	
Terphenyl-d14 (sur)	77			%	18 - 137	
8015M - Total Petroleum Hydrocarbons						
Gasoline	ND	1	5	mg/Kg	12/27/02	CH
Surrogates				**Units**	**Control Limits**	
a,a,a-Trifluorotoluene	80			%	55 - 156	

DLR = Detection limit for reporting purposes, ND = Not Detected below indicated detection limit, DF = Dilution Factor

ASSOCIATED LABORATORIES
QA REPORT FORM

QC Sample: LCS/LCSD

Matrix: SOLID

Prep. Date: 12/27/02

Analysis Date: 12/27/02

ID#'s in Batch: LR 104374, 104340, 104140

Reporting Units = ug/Kg

PREPARATION BLANK / LAB CONTROL SAMPLE RESULTS

			PREP BLK					
			Value	**Result**	**True**	**%Rec**	**L.Limit**	**H.Limit**
Test	**Method**	LCS	ND	539	500	108	80%	120%
DIESEL	8015D	LCSD	ND	535	500	107	80%	120%

LCS Result = Lab Control Sample Result
True = True Value of LCS
L.Limit / H.Limit = LCS Control Limits

SURROGATE RECOVERY

Sample No.	**O-Terphenyl**
QC Limit	**55-156**
Method Blank	82
LCS	97
LCSD	110

*** Outside QC Limits**

ASSOCIATED LABORATORIES

LCS REPORT FORM - METHOD 8260 / 624 / 524.2

QC Sample: LCS/LCSD - Soil Samples

Analysis Date: 12/27/02 5:04 PM

Applies to: LR 104374

Reporting Units = ug/Kg

Lab Controlled Spike / Lab Controlled Spike Duplicate

Test	Sample Result	Spike Added	LCS Spike	LCS Spk. Dup	%Rec LCS	%Rec LCS D	RPD	QC Limits RPD	QC Limits %REC
1,1-Dichloroethene	ND	50	53.15	56.64	106	113	6	22	59-172
MTBE	ND	50	40.98	40.49	82	81	1	24	62-137
Benzene	ND	50	47.63	49.32	95	99	3	24	62-137
Trichloroethene	ND	50	51.96	54.50	104	109	5	21	66-142
Toluene	ND	50	51.48	55.04	103	110	7	21	59-139
Chlorobenzene	ND	50	48.51	50.76	97	102	5	21	60-133

QC Sample: LCS # 1 1:57 PM
Analysis Date: 12/27/02

LCS RECOVERY / METHOD BLANK

Test	Sample Result	Spike Added	LCS Spike	%Rec LCS	QC Limits %REC
1,1-Dichloroethene	ND	50	58.23	116	59-172
MTBE	ND	50	44.12	88	62-137
Benzene	ND	50	47.68	95	62-137
Trichloroethene	ND	50	50.70	101	66-142
Toluene	ND	50	49.89	100	59-139
Chlorobenzene	ND	50	49.64	99	60-133

Method Blank = All ND

SURROGATE (QC Limits : 70-135)

Compound	LCS 1	MB	LCS	LCSD
1,2-Dichloroethane-d4	90	99	94	94
Dibromofluoromethane	106	105	108	109
Toluene-d8	102	104	104	108
p-Bromofluorobenzene	104	110	104	107

ASSOCIATED LABORATORIES

QA REPORT FORM

Method : EPA 8270 / 625

QC Sample: 104374-122

Matrix: SOLID

Date Analyzed : 12/28/02

Date Extracted : 12/27/02

Applies to: LR 104374, 104127

REPORTING UNITS = ug/Kg

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RESULT

Test	Sample Result	Spike Added	Matrix Spike	Matrix Spike Dup.	%Rec MS	%Rec MSD	RPD	QC Limits RPD	QC Limits %REC
Phenol	ND	50	19	24	38	48	23	35	5-120
2-Chorophenol	ND	50	23	29	46	58	23	50	20-140
1,4-Dichlorobenzene *	ND	50	21	29	42	58	32	27	10-130
n-Nitroso-di-propylamine	ND	50	21	25	42	50	17	38	1-230
1,2,4-Trichlorobenzene *	ND	50	24	32	48	64	29	23	40-150
4-Chloro-3-methylphenol	ND	50	26	34	52	68	27	33	20-150
Acenaphthene *	ND	50	26	34	52	68	27	19	40-150
4-Nitrophenol	0.1	50	44	42	88	84	5	50	1-140
2,4-Dinitrotoluene	ND	50	40	42	80	84	5	47	35-145
Pentachlorophenol	ND	50	39	38	78	76	3	47	5-120
Pyrene	ND	50	40	39	80	78	3	36	45-125

***Outside QC limits, due to matrix interference**

LCS RECOVERY / METHOD BLANK

Test	Spike Added	LCS Result	LCS % Rec	QC Limits %REC
Phenol	50	22	44	5-120
2-Chlorophenol	50	25	50	20-140
1,4-Dichlorobenzene	50	25	50	10-130
n-Nitroso-di-n-propylamine	50	26	52	1-230
1,2,4-Trichlorobenzene	50	28	56	40-150
4-Chloro-3-methylphenol	50	29	58	20-150
Acenaphthene	50	30	60	40-150
4-Nitophenol	50	32	64	1-140
2,4-Dinitrotoluene	50	35	70	35-145
Pentachlorophenol	50	19	38	5-120
Pyrene	50	37	74	45-125

Method Blank = All ND

ASSOCIATED LABORATORIES
806 N. Batavia • Orange, CA 92868
(714) 771-6900 • Fax: (714) 538-1209

194374

CHAIN OF CUSTODY RECORD

Date 12/26/02 Page 1 of 1

TAT: NEED RESULTS BY 12/29/02 C.O.B

CLIENT FOSTER WHEELER
ADDRESS 1641 VANDERGRIFT RD BLDG 1266
HOLLOMAN A.F.B. NM 88330

PROJECT MANAGER James Morning
PHONE NUMBER (505) 679-2011

Samples Intact Yes ____ No ____
County Seals Intact Yes ____ No ____
Sample Ambient ___ Cooled ___ Frozen ___
Same Day ✓ 24 Hr. ✓
Regular ____ 48 Hr. ____

PROJECT NAME WPOL
SAMPLERS (Signature) Rafe Jones

SAMPLE NUMBER	LOCATION DESCRIPTION	DATE	TIME	SAMPLE TYPE WATER	AIR	SOLID	NO OF CNTNRS	SUSP. CONTAM.	TESTS REQUIRED
WPOLEX-11A	WPOL	12/26/02	1300			✓	4		SEE ATTACHED
WPOLEX-12A	WPOL	12/26/02	1330			✓	4		
WPOLEX-18A	WPOL	12/26/02	1357			✓	4		

Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Rafe Jones 12/26/02 1600 hrs	Ryan Lewis	9:50 12/27/02
Relinquished by: (Signature)	Received by Laboratory for analysis: (Signature)	Date/Time

Special Instructions: PLEASE FAX RESULTS TO 505-679-2148
FED EX 1 SHIPPER# 838526143884

I hereby authorize the performance of the above indicated work.
Rafe Jones

DISTRIBUTION: White with report. Yellow to AL, Pink to Courier

COC Attachment B

Parameter	Method	Container
TPH	8015 (GRO, DRO & ORO)	(1) 8oz.
VOCs	8260	(2) En-core
SVOCs	8270	(1) 8oz.

ASSOCIATED LABORATORIES

NARRATIVE

Date: January 2, 2003

Narrative for Lab Request LR: 104374

Client Project Identification:
Project: WPOL
This narrative includes all samples as shown on the attached Lab Request final report.

Analyses Requested:

- EPA 8015M – Total Petroleum Hydrocarbons.
- EPA 8015 – Carbon Chain I.
- EPA 8260B – Volatile Organic Compounds.
- EPA 8270C – Acid & Base/Neutral Extractables.

Data Validation:

Holding Times
All EPA designated holding times were met.

Calibration
Initial calibration criteria were met for all analytes. Initial and Continuing Calibration Check samples were run at the required frequency. All results were within required limits.

Quality Control Samples
Following is a summary of the QC data, along with an explanation of any samples that were outside QC limits and corrective actions that were taken:

- **EPA 8270:** The RPD was outside limits for 1,4-Dichlorobenzene, 1,2,4-Trichlorobenzene and Acenaphthene. Corrective action: No corrective action neccessary. All other QC data conformed, including LCS, Method Blanks, surrogate recoveries, and the MS/MSD. Therefore, the analytical batch was accepted.

- **EPA 8260, 8015M (TPH) & 8015 (CCI):** All QC data was within control limits.

Other Anomalies or Comments
The reporting limit (DLR) is adjusted if dilution of the sample is necessary.

Appendix A-2

(Laboratory data on enclosed CD)

West POL Soil Boring Sampling Event, October 2005, Analytical Data from the *Groundwater Monitoring Work Plan, West POL Yard, HAFB New Mexico*

Bhate, December 2006

Table A-2
Soil Boring Analytical Data (October 2005)
West POL Yard, Holloman AFB, New Mexico

Client Sample Identification:	**Soil Screening Levels**	**WPOL-SB01-10,20**		**WPOL-SB01-34,37**		**WPOL-SB01-64,72**		**WPOL-SB03-9,13**		**WPOL-SB03-32,39**		**WPOL-SB03-61,70**		**WPOL-SB04-4,9**	
Lab Sample Identification:	**NMED Residential[1]**	**F35540-1**		**F35540-2**		**F35540-3**		**F35540-13**		**F35540-14**		**F35540-15**		**F35540-10**	
Date Sampled:		**10/5/2005**		**10/5/2005**		**10/5/2005**		**10/5/2005**		**10/5/2005**		**10/5/2005**		**10/5/2005**	
Analyte		**Result[2]**	**Q**	**Result[2]**	**Q**	**Result[2]**	**Q**	**Result[2]**	**Q**	**Result[2]**	**Q**	**Result[2]**	**Q**	**Result[2]**	**Q**
Volatile Organic Compounds (8260B)	**mg/kg**	**µg/kg**		**µg/kg**		**µg/kg**		**µg/kg**		**µg/kg**		**µg/kg**		**µg/kg**	
Acetone	67,500	36	U	35	U	2,300	U	36	U	37	U	35	U	34	U
n-Butylbenzene	NV [3]	2.9	U	6.9	J	2,010		2.9	U	2.9	U	5.0	J	2.8	U
sec-Butylbenzene	NV [3]	2.9	U	8.0		1,750		2.9	U	13.7		4.9	J	2.8	U
Carbon disulfide	1,940	6.0	J	2.8	U	190	U	2.9	U	3.9	J	8.0		2.7	U
Ethylbenzene	69.7	2.9	U	2.8	U	809		2.9	U	2.9	U	28.6		2.7	U
Isopropylbenzene (Cumene)	3,210	2.9	U	2.8	U	765		2.9	U	2.9	U	6.5	J	2.7	U
p-Isopropyltoluene	NV [3]	2.9	U	2.8	U	753		2.9	U	2.9	U	3.4	J	2.7	U
Methylene chloride	199	7.2	U	7.1	U	460	U	7.2	U	7.3	U	7.0	U	6.8	U
Methyl ethyl ketone	39,600	14	U	14	U	930	U	14	U	15	U	35.3	J	14	U
Naphthalene	45	2.9	U	22.0	B	609	B	6.6	JB	7.4	B	56.0	B	2.7	U
n-Propylbenzene	NV [3]	2.9	U	2.9	J	1,230		2.9	U	2.9	U	7.8		2.7	U
1,2,4-Trimethylbenzene	62 [4]	2.9	U	12.8		854		2.9	U	2.9	U	49.1		2.7	U
1,3,5-Trimethylbenzene	780 [4]	2.9	U	2.8	U	190	U	2.9	U	2.9	U	4.2	J	2.7	U
Tetrachloroethylene	6.99	2.9	U	2.8	U	190	U	2.9	U	2.9	U	2.8	U	2.7	U
m,p-Xylene	NV [3]	3.6	U	3.5	U	230	U	3.6	U	3.7	U	16.3		3.4	U
Semi-Volatile Organic Compounds (8270C)	**mg/kg**	**µg/kg**		**µg/kg**		**µg/kg**		**µg/kg**		**µg/kg**		**µg/kg**		**µg/kg**	
Dibenzofuran	78 [4]	45	U	45	U	93.3	J	45	U	48	U	45	U	44	U
Diethyl phthalate	48,900	110	U	110	U	120	U	712		120	U	110	U	1150	
Fluorene	2,290	45	U	45	U	48	U	45	U	48	U	45	U	44	U
2-Methylnaphthalene	310 [4]	45	U	45	U	415		45	U	48	U	45	U	44	U
Naphthalene	45	45	U	45	U	131	J	45	U	48	U	45	U	44	U
Total Petroleum Hydrocarbons (8015)	**mg/kg**	**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**	
Gasoline Range Organics (C6-C10)	940 [5]	4.3	U	4.3	U	167		4.6	U	4.7	U	4.6	U	4.0	U
Diesel Range Organics (C10-C22)	940 [5]	6.8	U	6.6	U	81.4		8.24	J	7.3	U	6.8	U	6.5	U
Oil Range Organics (>C22-C36)	940 [5]	6.8	U	6.6	U	14	U	7.93	J	7.3	U	6.8	U	6.5	U
General Chemistry (160.3)	**%**	**%**		**%**		**%**		**%**		**%**		**%**		**%**	
Solids, Percent	NV [3]	72.5		73.3		68.9		73.3		68.0		72.3		75.4	

Notes:

NMED = New Mexico Environment Department
µg/kg = micrograms per kilogram
mg/kg = milligrams per kilogram
NV = No Value
TPH = Total Petroleum Hydrocarbons
Q = Qualifier
Laboratory Qualifiers
U = Not detected
J = Indicates an estimated value
B = Analyte found in the associated method blank
Client Sample Nomenclature
WPOL = West Petroleum, Oil, and Lubricants Yard
SB = Soil Boring
FD = Sample suffix denoting a field duplicate

[1] NMED, December 2009. Technical Background Document for Development of Soil Screening Levels (SSL), Revision 5.
[2] If results are not detected (U) then the value is set at the Method Detection Limit (MDI
[3] No Value established for NMED Residential SSL (December, 2009) and USEPA Region 3, 6, and 9 Regional Screening Levels (RSLs) (December, 2009
[4] USEPA Region 3, 6, and 9 RSLs (December, 2009)
[5] NMED TPH Screening Guidelines for Kerosene and Jet Fuel, Residential Direct Exposure, Table 2b (October 2006
Bold value indicates analytes above NMED SSLs (Rev 5.0, December 2009) or TPH results above NMED TPH Screening Guidelines (October, 2006
Note: The final four numbers of the Client Sample Identification are the beginning and ending depths of the sample interval (inches below ground surfa

Table A-2
Soil Boring Analytical Data (October 2005)
West POL Yard, Holloman AFB, New Mexico

Client Sample Identification:	**Soil Screening Levels**	**WPOL-SB04-24,33**		**WPOL-SB04-62,69**		**WPOL-SB05-4,9**		**WPOL-SB05-38,47**		**WPOL-SB05-60,66**		**WPOL-SB06-4,12**		**WPOL-SB06-27,40**	
Lab Sample Identification:	**NMED Residential[1]**	**F35540-11**		**F35540-12**		**F35540-16**		**F35540-17**		**F35540-18**		**F35540-4**		**F35540-5**	
Date Sampled:		**10/5/2005**		**10/5/2005**		**10/5/2005**		**10/5/2005**		**10/5/2005**		**10/5/2005**		**10/5/2005**	
Analyte		**Result[2]**	**Q**	**Result[2]**	**Q**	**Result[2]**	**Q**	**Result[2]**	**Q**	**Result[2]**	**Q**	**Result[2]**	**Q**	**Result[2]**	**Q**
Volatile Organic Compounds (8260B)	**mg/kg**	**µg/kg**		**µg/kg**		**µg/kg**		**µg/kg**		**µg/kg**		**µg/kg**		**µg/kg**	
Acetone	67,500	28	U	30	U	38.1	J	31	U	33	U	38	U	33	U
n-Butylbenzene	NV [3]	2.2	U	2.4	U	30.6		2.5	U	2.6	U	3.0	U	2.7	U
sec-Butylbenzene	NV [3]	2.2	U	57.4		40.1		2.5	U	2.6	U	3.0	U	2.7	U
Carbon disulfide	1,940	2.2	U	5.8	J	6.1	J	2.5	U	2.6	U	3.0	U	2.7	U
Ethylbenzene	69.7	2.2	U	9.4		45.2		2.5	U	2.6	U	3.0	U	2.7	U
Isopropylbenzene (Cumene)	3,210	2.2	U	13.0		33.2		2.5	U	2.6	U	3.0	U	2.7	U
p-Isopropyltoluene	NV [3]	2.2	U	2.4	U	26.9		2.5	U	2.6	U	3.0	U	2.7	U
Methylene chloride	199	5.6	U	6.1	U	7.0	U	6.2	U	6.6	U	7.6	U	6.7	U
Methyl ethyl ketone	39,600	11	U	12	U	14	U	12	U	13	U	15	U	13	U
Naphthalene	45	2.2	U	3.2	J	109	B	2.5	U	2.6	U	3.0	U	2.7	U
n-Propylbenzene	NV [3]	2.2	U	11.4		45.5		2.5	U	2.6	U	3.0	U	2.7	U
1,2,4-Trimethylbenzene	62 [4]	2.2	U	4.7	J	158		2.5	U	2.6	U	3.0	U	2.7	U
1,3,5-Trimethylbenzene	780 [4]	2.2	U	2.4	U	54.1		2.5	U	2.6	U	3.0	U	2.7	U
Tetrachloroethylene	6.99	2.2	U	2.4	U	2.8	U	2.5	U	2.6	U	42.6		2.7	U
m,p-Xylene	NV [3]	2.8	U	3.0	U	5.4	J	3.1	U	3.3	U	3.8	U	3.3	U
Semi-Volatile Organic Compounds (8270C)	**mg/kg**	**µg/kg**		**µg/kg**		**µg/kg**		**µg/kg**		**µg/kg**		**µg/kg**		**µg/kg**	
Dibenzofuran	78 [4]	45	U	45	U	44	U	43	U	45	U	49	U	47	U
Diethyl phthalate	48,900	110	U	110	U	110	U	110	U	110	U	120	U	120	U
Fluorene	2,290	45	U	45	U	44	U	43	U	45	U	49	U	47	U
2-Methylnaphthalene	310 [4]	45	U	45	U	44	U	43	U	45	U	49	U	47	U
Naphthalene	45	45	U	45	U	44	U	43	U	45	U	49	U	47	U
Total Petroleum Hydrocarbons (8015)	**mg/kg**	**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**	
Gasoline Range Organics (C6-C10)	940 [5]	4.2	U	16.5		10.8		4.2	U	4.1	U	4.9	U	4.6	U
Diesel Range Organics (C10-C22)	940 [5]	6.9	U	41.0		43.7		6.5	U	6.7	U	7.1	U	7.0	U
Oil Range Organics (>C22-C36)	940 [5]	6.9	U	6.6	U	6.5	U	6.5	U	6.7	U	7.1	U	7.0	U
General Chemistry (160.3)	**%**	**%**		**%**		**%**		**%**		**%**		**%**		**%**	
Solids, Percent	NV [3]	72.4		73.6		74.7		76.2		74.6		67.7		69.4	

Notes:

NMED = New Mexico Environment Department
µg/kg = micrograms per kilogram
mg/kg = milligrams per kilogram
NV = No Value
TPH = Total Petroleum Hydrocarbons
Q = Qualifier
Laboratory Qualifiers
U = Not detected
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Bold value indicates analytes above NMED SSLs (Rev 5.0, December 2009) or TPH results above NMED TPH Screening Guidelines (October, 2006
Note: The final four numbers of the Client Sample Identification are the beginning and ending depths of the sample interval (inches below ground surface)

Table A-2
Soil Boring Analytical Data (October 2005)
West POL Yard, Holloman AFB, New Mexico

Client Sample Identification:	Soil Screening Levels	WPOL-SB06-62,70		WPOL-SB07-4,9		WPOL-SB07-9,20		WPOL-SB07-52,56		WPOL-SB08-4,8		WPOL-SB08-34,39		WPOL-SB08-60,68	
Lab Sample Identification:	NMED Residential[1]	F35540-6		F35540-8		F35540-7		F35540-9		F35540-21		F35540-22		F35540-23	
Date Sampled:		10/5/2005		10/5/2005		10/5/2005		10/5/2005		10/5/2005		10/5/2005		10/5/2005	
Analyte		Result[2]	Q	Result[2]	Q	Result[2]	Q	Result[2]	Q	Result[2]	Q	Result[2]	Q	Result[2]	Q
Volatile Organic Compounds (8260B)	mg/kg	µg/kg		µg/kg		µg/kg		µg/kg		µg/kg		µg/kg		µg/kg	
Acetone	67,500	34	U	35	U	34	U	2,000	U	32	U	28	U	34	U
n-Butylbenzene	NV [3]	2.7	U	2.8	U	2.7	U	1,870		2.6	U	2.3	U	2.7	U
sec-Butylbenzene	NV [3]	2.7	U	2.8	U	2.7	U	3,430		2.6	U	2.3	U	2.7	U
Carbon disulfide	1,940	4.5	J	2.8	U	2.7	U	160	U	2.6	U	2.3	U	2.7	U
Ethylbenzene	69.7	2.7	U	2.8	U	2.7	U	990		2.6	U	2.3	U	2.7	U
Isopropylbenzene (Cumene)	3,210	2.7	U	2.8	U	2.7	U	1,410		2.6	U	2.3	U	2.7	U
p-Isopropyltoluene	NV [3]	2.7	U	2.8	U	2.7	U	711		2.6	U	2.3	U	2.7	U
Methylene chloride	199	6.8	U	6.9	U	6.8	U	390	U	6.5	U	5.6	U	6.8	U
Methyl ethyl ketone	39,600	14	U	14	U	14	U	780	U	13	U	11	U	14	U
Naphthalene	45	2.7	U	2.8	U	4.3	JB	160	U	2.6	U	2.3	U	2.7	U
n-Propylbenzene	NV [3]	2.7	U	2.8	U	2.7	U	2,440		2.6	U	2.3	U	2.7	U
1,2,4-Trimethylbenzene	62 [4]	2.7	U	2.8	U	2.7	U	532		2.6	U	2.3	U	2.7	U
1,3,5-Trimethylbenzene	780 [4]	2.7	U	2.8	U	2.7	U	160	U	2.6	U	2.3	U	2.7	U
Tetrachloroethylene	6.99	2.7	U	2.8	U	2.7	U	160	U	2.6	U	2.3	U	2.7	U
m,p-Xylene	NV [3]	3.4	U	3.5	U	3.4	U	200	U	3.2	U	2.8	U	3.4	U
Semi-Volatile Organic Compounds (8270C)	mg/kg	µg/kg		µg/kg		µg/kg		µg/kg		µg/kg		µg/kg		µg/kg	
Dibenzofuran	78 [4]	46	U	47	U	47	U	159	J	42	U	43	U	44	U
Diethyl phthalate	48,900	110	U	120	U	120	U	110	U	110	U	110	U	110	U
Fluorene	2,290	46	U	47	U	47	U	53.5	J	42	U	43	U	44	U
2-Methylnaphthalene	310 [4]	46	U	47	U	47	U	43	U	42	U	43	U	44	U
Naphthalene	45	46	U	47	U	47	U	220	U	42	U	43	U	44	U
Total Petroleum Hydrocarbons (8015)	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Gasoline Range Organics (C6-C10)	940 [5]	4.4	U	4.4	U	4.6	U	319		4.0	U	3.9	U	3.9	U
Diesel Range Organics (C10-C22)	940 [5]	6.9	U	7.1	U	7.50	J	528		6.4	U	6.4	U	6.6	U
Oil Range Organics (>C22-C36)	940 [5]	6.9	U	7.1	U	7.1	U	66	U	6.4	U	6.4	U	6.6	U
General Chemistry (160.3)	%	%		%		%		%		%		%		%	
Solids, Percent	NV [3]	71.3		69.6		69.6		74.8		77.2		76.6		74.8	

Notes:

NMED = New Mexico Environment Department
µg/kg = micrograms per kilogram
mg/kg = milligrams per kilogram
NV = No Value
TPH = Total Petroleum Hydrocarbons
Q = Qualifier
Laboratory Qualifiers
U = Not detected
J = Indicates an estimated value
B = Analyte found in the associated method blank
Client Sample Nomenclature
WPOL = West Petroleum, Oil, and Lubricants Yard
SB = Soil Boring
FD = Sample suffix denoting a field duplicate

[1] NMED, December 2009. Technical Background Document for Development of Soil Screening Levels (SSL), Revision 5.
[2] If results are not detected (U) then the value is set at the Method Detection Limit (MDI
[3] No Value established for NMED Residential SSL (December, 2009) and USEPA Region 3, 6, and 9 Regional Screening Levels (RSLs) (December, 2009
[4] USEPA Region 3, 6, and 9 RSLs (December, 2009)
[5] NMED TPH Screening Guidelines for Kerosene and Jet Fuel, Residential Direct Exposure, Table 2b (October 2006
Bold value indicates analytes above NMED SSLs (Rev 5.0, December 2009) or TPH results above NMED TPH Screening Guidelines (October, 2006
Note: The final four numbers of the Client Sample Identification are the beginning and ending depths of the sample interval (inches below ground surface)

Table A-2
Soil Boring Analytical Data (October 2005)
West POL Yard, Holloman AFB, New Mexico

Client Sample Identification:	Soil Screening Levels	WPOL-SB09-4,16		WPOL-SB09-34,43		WPOL-SB09-63,71		WPOL-SB10-30,34		WPOL-SB10-56,62		WPOL-SB10-93,104		WPOL-SB11-0,6	
Lab Sample Identification:	NMED Residential[1]	F35566-1		F35566-2		F35566-3		F35566-4		F35566-5		F35566-6		F35566-7	
Date Sampled:		10/6/2005		10/6/2005		10/6/2005		10/6/2005		10/6/2005		10/6/2005		10/6/2005	
Analyte		Result[2]	Q	Result[2]	Q	Result[2]	Q	Result[2]	Q	Result[2]	Q	Result[2]	Q	Result[2]	Q
Volatile Organic Compounds (8260B)	mg/kg	µg/kg		µg/kg		µg/kg		µg/kg		µg/kg		µg/kg		µg/kg	
Acetone	67,500	33	U	23	U	34	U	34	U	36	U	40	U	33	U
n-Butylbenzene	NV [3]	2.7	U	1.9	U	2.7	U	2.7	U	2.9	U	3.2	U	2.6	U
sec-Butylbenzene	NV [3]	2.7	U	1.9	U	54.2		2.7	U	2.9	U	3.2	U	2.6	U
Carbon disulfide	1,940	2.7	U	1.9	U	2.7	U	2.7	U	2.9	U	3.2	U	2.6	U
Ethylbenzene	69.7	2.7	U	1.9	U	44.6		2.7	U	2.9	U	3.2	U	2.6	U
Isopropylbenzene (Cumene)	3,210	2.7	U	1.9	U	28.9		2.7	U	2.9	U	3.2	U	2.6	U
p-Isopropyltoluene	NV [3]	2.7	U	1.9	U	2.7	U	2.7	U	2.9	U	3.2	U	2.6	U
Methylene chloride	199	23.8		12.2		18.4		21.7		18.8		16.4		20.6	
Methyl ethyl ketone	39,600	13	U	9.3	U	14	U	14	U	14	U	16	U	13	U
Naphthalene	45	2.7	U	2.3	JB	2.7	U	2.7	U	2.9	U	3.2	U	2.6	U
n-Propylbenzene	NV [3]	2.7	U	1.9	U	14.8		2.7	U	2.9	U	3.2	U	2.6	U
1,2,4-Trimethylbenzene	62 [4]	2.7	U	1.9	U	2.7	U	2.7	U	2.9	U	3.2	U	2.6	U
1,3,5-Trimethylbenzene	780 [4]	2.7	U	1.9	U	2.7	U	2.7	U	2.9	U	3.2	U	2.6	U
Tetrachloroethylene	6.99	2.7	U	1.9	U	2.7	U	2.7	U	2.9	U	3.2	U	2.6	U
m,p-Xylene	NV [3]	3.3	U	2.3	U	3.4	U	3.4	U	3.6	U	4.0	U	3.3	U
Semi-Volatile Organic Compounds (8270C)	mg/kg	µg/kg		µg/kg		µg/kg		µg/kg		µg/kg		µg/kg		µg/kg	
Dibenzofuran	78 [4]	43	U	44	U	44	U	42	U	44	U	48	U	42	U
Diethyl phthalate	48,900	110	U	110	U	110	U	110	U	110	U	120	U	110	U
Fluorene	2,290	43	U	44	U	44	U	42	U	44	U	48	U	42	U
2-Methylnaphthalene	310 [4]	43	U	44	U	44	U	42	U	44	U	48	U	42	U
Naphthalene	45	43	U	44	U	44	U	42	U	44	U	48	U	42	U
Total Petroleum Hydrocarbons (8015)	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Gasoline Range Organics (C6-C10)	940 [5]	4.2	U	4.2	U	15.2		4.0	U	4.1	U	4.1	U	3.7	U
Diesel Range Organics (C10-C22)	940 [5]	6.6	U	6.5	U	116		6.2	U	6.6	U	7.2	U	6.3	U
Oil Range Organics (>C22-C36)	940 [5]	6.6	U	6.5	U	13	U	6.2	U	6.6	U	7.2	U	7.71	J
General Chemistry (160.3)	%	%		%		%		%		%		%		%	
Solids, Percent	NV [3]	74.8		75.7		74.1		77.8		74.8		69.0		78.5	

Notes:

NMED = New Mexico Environment Department
µg/kg = micrograms per kilogram
mg/kg = milligrams per kilogram
NV = No Value
TPH = Total Petroleum Hydrocarbons
Q = Qualifier
Laboratory Qualifiers
U = Not detected
J = Indicates an estimated value
B = Analyte found in the associated method blank
Client Sample Nomenclature
WPOL = West Petroleum, Oil, and Lubricants Yard
SB = Soil Boring
FD = Sample suffix denoting a field duplicate

[1] NMED, December 2009. Technical Background Document for Development of Soil Screening Levels (SSL), Revision 5.
[2] If results are not detected (U) then the value is set at the Method Detection Limit (MDI
[3] No Value established for NMED Residential SSL (December, 2009) and USEPA Region 3, 6, and 9 Regional Screening Levels (RSLs) (December, 2009
[4] USEPA Region 3, 6, and 9 RSLs (December, 2009)
[5] NMED TPH Screening Guidelines for Kerosene and Jet Fuel, Residential Direct Exposure, Table 2b (October 2006
Bold value indicates analytes above NMED SSLs (Rev 5.0, December 2009) or TPH results above NMED TPH Screening Guidelines (October, 2006
Note: The final four numbers of the Client Sample Identification are the beginning and ending depths of the sample interval (inches below ground surface)

Table A-2
Soil Boring Analytical Data (October 2005)
West POL Yard, Holloman AFB, New Mexico

Client Sample Identification:	Soil Screening Levels	WPOL-SB11-33,37		WPOL-SB11-54,80		WPOL-SB12-4,11		WPOL-SB12-32,41		WPOL-SB12-61,69		WPOL-SB013-4,19		WPOL-SB013-28,35	
Lab Sample Identification:	NMED Residential[1]	F35566-8		F35566-9		F35566-10		F35566-11		F35566-12		F35564-1		F35564-2	
Date Sampled:		10/6/2005		10/6/2005		10/6/2005		10/6/2005		10/6/2005		10/6/2005		10/6/2005	
Analyte		Result[2]	Q	Result[2]	Q	Result[2]	Q	Result[2]	Q	Result[2]	Q	Result[2]	Q	Result[2]	Q
Volatile Organic Compounds (8260B)	mg/kg	µg/kg		µg/kg		µg/kg		µg/kg		µg/kg		µg/kg		µg/kg	
Acetone	67,500	31	U	33	U	30	U	31	U	36	U	39	U	31	U
n-Butylbenzene	NV [3]	2.5	U	2.6	U	2.4	U	2.4	U	2.9	U	3.1	U	2.5	U
sec-Butylbenzene	NV [3]	2.5	U	2.6	U	2.4	U	2.4	U	2.9	U	3.1	U	2.5	U
Carbon disulfide	1,940	2.5	U	2.6	U	2.4	U	2.4	U	2.9	U	3.1	U	2.5	U
Ethylbenzene	69.7	2.5	U	2.6	U	2.4	U	2.4	U	2.9	U	3.1	U	2.5	U
Isopropylbenzene (Cumene)	3,210	2.5	U	2.6	U	2.4	U	2.4	U	2.9	U	3.1	U	2.5	U
p-Isopropyltoluene	NV [3]	2.5	U	2.6	U	2.4	U	2.4	U	2.9	U	3.1	U	2.5	U
Methylene chloride	199	10.9	J	13.2		10.6	J	8.1	J	7.2	U	22.4		16.8	
Methyl ethyl ketone	39,600	13	U	13	U	12	U	12	U	14	U	16	U	13	U
Naphthalene	45	2.5	U	2.6	U	2.4	U	2.4	U	2.9	U	3.1	U	2.5	U
n-Propylbenzene	NV [3]	2.5	U	2.6	U	2.4	U	2.4	U	2.9	U	3.1	U	2.5	U
1,2,4-Trimethylbenzene	62 [4]	2.5	U	2.6	U	2.4	U	2.4	U	2.9	U	3.1	U	2.5	U
1,3,5-Trimethylbenzene	780 [4]	2.5	U	2.6	U	2.4	U	2.4	U	2.9	U	3.1	U	2.5	U
Tetrachloroethylene	6.99	2.5	U	2.6	U	2.4	U	2.4	U	2.9	U	3.1	U	2.5	U
m,p-Xylene	NV [3]	3.1	U	3.3	U	3.0	U	3.1	U	3.6	U	3.9	U	3.1	U
Semi-Volatile Organic Compounds (8270C)	mg/kg	µg/kg		µg/kg		µg/kg		µg/kg		µg/kg		µg/kg		µg/kg	
Dibenzofuran	78 [4]	42	U	43	U	45	U	47	U	46	U	48	U	43	U
Diethyl phthalate	48,900	110	U	110	U	110	U	120	U	110	U	120	U	110	U
Fluorene	2,290	42	U	43	U	45	U	47	U	46	U	48	U	43	U
2-Methylnaphthalene	310 [4]	42	U	43	U	45	U	47	U	46	U	48	U	43	U
Naphthalene	45	42	U	43	U	45	U	47	U	46	U	48	U	43	U
Total Petroleum Hydrocarbons (8015)	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Gasoline Range Organics (C6-C10)	940 [5]	4.5	U	3.0	U	3.8	U	5.0	U	5.2	U	4.8	U	4.1	U
Diesel Range Organics (C10-C22)	940 [5]	6.4	U	6.4	U	6.8	U	6.9	U	7.0	U	7.3	U	6.5	U
Oil Range Organics (>C22-C36)	940 [5]	6.4	U	6.4	U	6.8	U	6.9	U	7.0	U	7.3	U	6.5	U
General Chemistry (160.3)	%	%		%		%		%		%		%		%	
Solids, Percent	NV [3]	76.9		76.2		73.9		70.8		70.8		68.5		76.5	

Notes:

NMED = New Mexico Environment Department
µg/kg = micrograms per kilogram
mg/kg = milligrams per kilogram
NV = No Value
TPH = Total Petroleum Hydrocarbons
Q = Qualifier
Laboratory Qualifiers
U = Not detected
J = Indicates an estimated value
B = Analyte found in the associated method blank
Client Sample Nomenclature
WPOL = West Petroleum, Oil, and Lubricants Yard
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FD = Sample suffix denoting a field duplicate

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[4] USEPA Region 3, 6, and 9 RSLs (December, 2009)
[5] NMED TPH Screening Guidelines for Kerosene and Jet Fuel, Residential Direct Exposure, Table 2b (October 2006
Bold value indicates analytes above NMED SSLs (Rev 5.0, December 2009) or TPH results above NMED TPH Screening Guidelines (October, 2006
Note: The final four numbers of the Client Sample Identification are the beginning and ending depths of the sample interval (inches below ground surface)

Table A-2
Soil Boring Analytical Data (October 2005)
West POL Yard, Holloman AFB, New Mexico

Client Sample Identification:	Soil Screening Levels	WPOL-SB013-60,68		WPOL-SB014-4,11		WPOL-SB014-33,39		WPOL-SB014-57,66		WPOL-SB015-4,13		WPOL-SB015-21,41		WPOL-SB015-67,89	
Lab Sample Identification:	NMED Residential[1]	F35564-3		F35564-4		F35564-5		F35564-6		F35564-7		F35564-8		F35564-9	
Date Sampled:		10/6/2005		10/6/2005		10/6/2005		10/6/2005		10/6/2005		10/6/2005		10/6/2005	
Analyte		Result[2]	Q	Result[2]	Q	Result[2]	Q	Result[2]	Q	Result[2]	Q	Result[2]	Q	Result[2]	Q
Volatile Organic Compounds (8260B)	mg/kg	µg/kg		µg/kg		µg/kg		µg/kg		µg/kg		µg/kg		µg/kg	
Acetone	67,500	35	U	31	U	33	U	30	U	33	U	37	U	36	U
n-Butylbenzene	NV [3]	2.8	U	2.4	U	2.6	U	2.4	U	2.7	U	3.0	U	2.9	U
sec-Butylbenzene	NV [3]	35.7		2.4	U	2.6	U	2.4	U	2.7	U	3.0	U	2.9	U
Carbon disulfide	1,940	5.9	J	2.4	U	2.6	U	4.9	J	2.7	U	3.0	U	2.9	U
Ethylbenzene	69.7	2.8	U	2.4	U	2.6	U	2.4	U	2.7	U	3.0	U	2.9	U
Isopropylbenzene (Cumene)	3,210	4.2	J	2.4	U	2.6	U	2.4	U	2.7	U	3.0	U	2.9	U
p-Isopropyltoluene	NV [3]	2.8	U	2.4	U	2.6	U	2.4	U	2.7	U	3.0	U	2.9	U
Methylene chloride	199	16.4		11.5	J	15.0		12.6		12.8	J	10.7	J	22.2	
Methyl ethyl ketone	39,600	14	U	12	U	13	U	12	U	13	U	15	U	14	U
Naphthalene	45	2.8	U	2.4	U	2.6	U	2.4	U	2.7	U	3.0	U	2.9	U
n-Propylbenzene	NV [3]	2.8	U	2.4	U	2.6	U	2.4	U	2.7	U	3.0	U	2.9	U
1,2,4-Trimethylbenzene	62 [4]	2.8	U	2.4	U	2.6	U	2.4	U	2.7	U	3.0	U	2.9	U
1,3,5-Trimethylbenzene	780 [4]	2.8	U	2.4	U	2.6	U	2.4	U	2.7	U	3.0	U	2.9	U
Tetrachloroethylene	6.99	2.8	U	2.4	U	2.6	U	2.4	U	2.7	U	3.0	U	2.9	U
m,p-Xylene	NV [3]	3.5	U	3.1	U	3.3	U	3.0	U	3.3	U	3.7	U	3.6	U
Semi-Volatile Organic Compounds (8270C)	mg/kg	µg/kg		µg/kg		µg/kg		µg/kg		µg/kg		µg/kg		µg/kg	
Dibenzofuran	78 [4]	48	U	43	U	42	U	47	U	45	U	45	U	45	U
Diethyl phthalate	48,900	120	U	110	U	110	U	120	U	110	U	110	U	110	U
Fluorene	2,290	48	U	43	U	42	U	47	U	45	U	45	U	45	U
2-Methylnaphthalene	310 [4]	48	U	43	U	42	U	47	U	45	U	45	U	45	U
Naphthalene	45	48	U	43	U	42	U	47	U	45	U	45	U	45	U
Total Petroleum Hydrocarbons (8015)	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Gasoline Range Organics (C6-C10)	940 [5]	11.2		3.61	J	3.9	U	4.0	U	4.3	U	4.4	U	4.3	U
Diesel Range Organics (C10-C22)	940 [5]	18.8		31.7		6.4	U	6.9	U	6.9	U	6.7	U	6.8	U
Oil Range Organics (>C22-C36)	940 [5]	7.2	U	6.4	U	6.4	U	6.9	U	6.9	U	6.7	U	6.8	U
General Chemistry (160.3)	%	%		%		%		%		%		%		%	
Solids, Percent	NV [3]	69.1		76.1		77.3		71.5		72.4		73.4		73.4	

Notes:

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µg/kg = micrograms per kilogram
mg/kg = milligrams per kilogram
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TPH = Total Petroleum Hydrocarbons
Q = Qualifier

Laboratory Qualifiers
U = Not detected
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[3] No Value established for NMED Residential SSL (December, 2009) and USEPA Region 3, 6, and 9 Regional Screening Levels (RSLs) (December, 2009
[4] USEPA Region 3, 6, and 9 RSLs (December, 2009)
[5] NMED TPH Screening Guidelines for Kerosene and Jet Fuel, Residential Direct Exposure, Table 2b (October 2006
Bold value indicates analytes above NMED SSLs (Rev 5.0, December 2009) or TPH results above NMED TPH Screening Guidelines (October, 2006
Note: The final four numbers of the Client Sample Identification are the beginning and ending depths of the sample interval (inches below ground surface)

Table A-2
Soil Boring Analytical Data (October 2005)
West POL Yard, Holloman AFB, New Mexico

Client Sample Identification:	Soil Screening Levels	WPOL-SB015-67,89-FD		WPOL-SB16-4,9		WPOL-SB16-32,37		WPOL-SB16-58,67		WPOL-SB17-4,11		WPOL-SB17FD-4,11		WPOL-SB17-31,38	
Lab Sample Identification:	NMED Residential[1]	F35564-10		F35686-1		F35686-2		F35686-3		F35686-4		F35686-7		F35686-5	
Date Sampled:		10/6/2005		10/11/2005		10/11/2005		10/11/2005		10/11/2005		10/11/2005		10/11/2005	
Analyte		Result[2]	Q	Result[2]	Q	Result[2]	Q	Result[2]	Q	Result[2]	Q	Result[2]	Q	Result[2]	Q
Volatile Organic Compounds (8260B)	mg/kg	µg/kg		µg/kg		µg/kg		µg/kg		µg/kg		µg/kg		µg/kg	
Acetone	67,500	33	U	28	U	27	U	23	U	26	U	29	U	25	U
n-Butylbenzene	NV [3]	2.7	U	2.2	U	2.1	U	1.8	U	2.1	U	2.3	U	2.0	U
sec-Butylbenzene	NV [3]	2.7	U	2.2	U	2.1	U	1.8	U	2.1	U	2.3	U	2.0	U
Carbon disulfide	1,940	2.7	U	2.2	U	2.1	U	1.8	U	2.1	U	2.3	U	2.0	U
Ethylbenzene	69.7	2.7	U	2.2	U	2.1	U	1.8	U	2.1	U	2.3	U	2.0	U
Isopropylbenzene (Cumene)	3,210	2.7	U	2.2	U	2.1	U	1.8	U	2.1	U	2.3	U	2.0	U
p-Isopropyltoluene	NV [3]	2.7	U	2.2	U	2.1	U	1.8	U	2.1	U	2.3	U	2.0	U
Methylene chloride	199	18.8		5.5	U	5.4	U	4.6	U	5.2	U	5.8	U	4.9	U
Methyl ethyl ketone	39,600	13	U	11	U	11	U	9.1	U	10	U	12	U	9.8	U
Naphthalene	45	2.7	U	2.2	U	2.1	U	1.8	U	2.1	U	2.3	U	2.0	U
n-Propylbenzene	NV [3]	2.7	U	2.2	U	2.1	U	1.8	U	2.1	U	2.3	U	2.0	U
1,2,4-Trimethylbenzene	62 [4]	2.7	U	2.2	U	2.1	U	1.8	U	2.1	U	2.3	U	2.0	U
1,3,5-Trimethylbenzene	780 [4]	2.7	U	2.2	U	2.1	U	1.8	U	2.1	U	2.3	U	2.0	U
Tetrachloroethylene	6.99	2.7	U	2.2	U	2.1	U	1.8	U	2.1	U	2.3	U	2.0	U
m,p-Xylene	NV [3]	3.3	U	2.8	U	2.7	U	2.3	U	2.6	U	2.9	U	2.5	U
Semi-Volatile Organic Compounds (8270C)	mg/kg	µg/kg		µg/kg		µg/kg		µg/kg		µg/kg		µg/kg		µg/kg	
Dibenzofuran	78 [4]	46	U	38	U	39	U	40	U	38	U	42	U	39	U
Diethyl phthalate	48,900	110	U	95	U	96	U	100	U	120	J	110	U	97	U
Fluorene	2,290	46	U	38	U	39	U	40	U	38	U	42	U	39	U
2-Methylnaphthalene	310 [4]	46	U	38	U	39	U	40	U	38	U	42	U	39	U
Naphthalene	45	46	U	38	U	39	U	40	U	38	U	42	U	39	U
Total Petroleum Hydrocarbons (8015)	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Gasoline Range Organics (C6-C10)	940 [5]	4.3	U	3.4	U	3.2	U	3.3	U	3.2	U	4.1	U	2.9	U
Diesel Range Organics (C10-C22)	940 [5]	6.7	U	5.7	U	5.7	U	5.9	U	5.7	U	6.2	U	5.9	U
Oil Range Organics (>C22-C36)	940 [5]	6.7	U	5.7	U	5.7	U	5.9	U	5.7	U	15.6		5.9	U
General Chemistry (160.3)	%	%		%		%		%		%		%		%	
Solids, Percent	NV [3]	72.9		87.1		85.1		82.4		86.8		78.0		84.6	

Notes:

NMED = New Mexico Environment Department
µg/kg = micrograms per kilogram
mg/kg = milligrams per kilogram
NV = No Value
TPH = Total Petroleum Hydrocarbons
Q = Qualifier

Laboratory Qualifiers
U = Not detected
J = Indicates an estimated value
B = Analyte found in the associated method blank

Client Sample Nomenclature
WPOL = West Petroleum, Oil, and Lubricants Yard
SB = Soil Boring
FD = Sample suffix denoting a field duplicate

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[2] If results are not detected (U) then the value is set at the Method Detection Limit (MDI
[3] No Value established for NMED Residential SSL (December, 2009) and USEPA Region 3, 6, and 9 Regional Screening Levels (RSLs) (December, 2009
[4] USEPA Region 3, 6, and 9 RSLs (December, 2009)
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Bold value indicates analytes above NMED SSLs (Rev 5.0, December 2009) or TPH results above NMED TPH Screening Guidelines (October, 2006
Note: The final four numbers of the Client Sample Identification are the beginning and ending depths of the sample interval (inches below ground surface)

Table A-2
Soil Boring Analytical Data (October 2005)
West POL Yard, Holloman AFB, New Mexico

Client Sample Identification:	Soil Screening Levels	WPOL-SB17FD-31,38		WPOL-SB17-60,67		WPOL-SB17FD-60,67		WPOL-SB18-4,10		WPOL-SB18-31,38		WPOL-SB18-61,68		WPOL-SB19-4,12	
Lab Sample Identification:	NMED Residential[1]	F35686-8		F35686-6		F35686-9		F35686-10		F35686-11		F35686-12		F35686-13	
Date Sampled:		10/11/2005		10/11/2005		10/11/2005		10/11/2005		10/11/2005		10/11/2005		10/11/2005	
Analyte		Result[2]	Q	Result[2]	Q	Result[2]	Q	Result[2]	Q	Result[2]	Q	Result[2]	Q	Result[2]	Q
Volatile Organic Compounds (8260B)	mg/kg	µg/kg		µg/kg		µg/kg		µg/kg		µg/kg		µg/kg		µg/kg	
Acetone	67,500	34	U	30	U	30	U	29	U	31	U	31	U	29	U
n-Butylbenzene	NV [3]	2.7	U	2.4	U	2.4	U	2.3	U	2.5	U	2.5	U	2.3	U
sec-Butylbenzene	NV [3]	2.7	U	2.4	U	2.4	U	2.3	U	2.5	U	2.5	U	2.3	U
Carbon disulfide	1,940	2.7	U	2.4	U	2.4	U	2.3	U	2.5	U	2.5	U	2.3	U
Ethylbenzene	69.7	2.7	U	2.4	U	2.4	U	2.3	U	2.5	U	2.5	U	2.3	U
Isopropylbenzene (Cumene)	3,210	2.7	U	2.4	U	2.4	U	2.3	U	2.5	U	2.5	U	2.3	U
p-Isopropyltoluene	NV [3]	2.7	U	2.4	U	2.4	U	2.3	U	2.5	U	2.5	U	2.3	U
Methylene chloride	199	6.8	U	6.0	U	6.1	U	5.7	U	6.1	U	6.2	U	5.8	U
Methyl ethyl ketone	39,600	14	U	12	U	12	U	11	U	12	U	12	U	12	U
Naphthalene	45	2.7	U	2.4	U	2.4	U	2.3	U	2.5	U	2.5	U	2.3	U
n-Propylbenzene	NV [3]	2.7	U	2.4	U	2.4	U	2.3	U	2.5	U	2.5	U	2.3	U
1,2,4-Trimethylbenzene	62 [4]	2.7	U	2.4	U	2.4	U	2.3	U	2.5	U	2.5	U	2.3	U
1,3,5-Trimethylbenzene	780 [4]	2.7	U	2.4	U	2.4	U	2.3	U	2.5	U	2.5	U	2.3	U
Tetrachloroethylene	6.99	2.7	U	2.4	U	2.4	U	2.3	U	2.5	U	2.5	U	2.3	U
m,p-Xylene	NV [3]	3.4	U	3.0	U	3.0	U	2.9	U	3.1	U	3.1	U	2.9	U
Semi-Volatile Organic Compounds (8270C)	mg/kg	µg/kg		µg/kg		µg/kg		µg/kg		µg/kg		µg/kg		µg/kg	
Dibenzofuran	78 [4]	48	U	40	U	46	U	42	U	46	U	46	U	41	U
Diethyl phthalate	48,900	128	J	99	U	120	U	1,000		110	U	120	U	100	U
Fluorene	2,290	48	U	40	U	46	U	42	U	46	U	46	U	41	U
2-Methylnaphthalene	310 [4]	48	U	40	U	46	U	42	U	46	U	46	U	41	U
Naphthalene	45	48	U	40	U	46	U	42	U	46	U	46	U	41	U
Total Petroleum Hydrocarbons (8015)	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Gasoline Range Organics (C6-C10)	940 [5]	4.7	U	3.8	U	4.7	U	3.5	U	4.3	U	5.0	U	3.5	U
Diesel Range Organics (C10-C22)	940 [5]	7.2	U	5.9	U	6.9	U	6.2	U	6.7	U	6.9	U	6.0	U
Oil Range Organics (>C22-C36)	940 [5]	7.2	U	5.9	U	6.9	U	8.41	J	6.7	U	6.9	U	6.0	U
General Chemistry (160.3)	%	%		%		%		%		%		%		%	
Solids, Percent	NV [3]	69.5		82.3		71.3		79.7		73.0		71.1		81.1	

Notes:

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TPH = Total Petroleum Hydrocarbons
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Laboratory Qualifiers
U = Not detected
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Client Sample Nomenclature
WPOL = West Petroleum, Oil, and Lubricants Yard
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Note: The final four numbers of the Client Sample Identification are the beginning and ending depths of the sample interval (inches below ground surface)

Table A-2
Soil Boring Analytical Data (October 2005)
West POL Yard, Holloman AFB, New Mexico

Client Sample Identification:	Soil Screening Levels	WPOL-SB19FD-4,12		WPOL-SB19-29,41		WPOL-SB19FD-29,41		WPOL-SB19-56,72		WPOL-SB19FD-56,72		WPOL-SB20-4,9		WPOL-SB20-30,39	
Lab Sample Identification:	NMED Residential[1]	F35686-16		F35686-14		F35686-17		F35686-15		F35686-18		F35686-19		F35686-20	
Date Sampled:		10/11/2005		10/11/2005		10/11/2005		10/11/2005		10/11/2005		10/11/2005		10/11/2005	
Analyte		Result[2]	Q	Result[2]	Q	Result[2]	Q	Result[2]	Q	Result[2]	Q	Result[2]	Q	Result[2]	Q
Volatile Organic Compounds (8260B)	mg/kg	µg/kg		µg/kg		µg/kg		µg/kg		µg/kg		µg/kg		µg/kg	
Acetone	67,500	30	U	30	U	27	U	35	U	28	U	33	U	30	U
n-Butylbenzene	NV [3]	2.4	U	2.4	U	2.2	U	2.8	U	2.3	U	2.6	U	2.4	U
sec-Butylbenzene	NV [3]	2.4	U	2.4	U	2.2	U	2.8	U	2.3	U	2.6	U	2.4	U
Carbon disulfide	1,940	2.4	U	2.4	U	2.2	U	2.8	U	2.3	U	2.6	U	2.4	U
Ethylbenzene	69.7	2.4	U	2.4	U	2.2	U	2.8	U	2.3	U	2.6	U	2.4	U
Isopropylbenzene (Cumene)	3,210	2.4	U	2.4	U	2.2	U	2.8	U	2.3	U	2.6	U	2.4	U
p-Isopropyltoluene	NV [3]	2.4	U	2.4	U	2.2	U	2.8	U	2.3	U	2.6	U	2.4	U
Methylene chloride	199	6.1	U	6.1	U	5.5	U	7.1	U	5.6	U	6.6	U	6.0	U
Methyl ethyl ketone	39,600	12	U	12	U	11	U	14	U	11	U	13	U	12	U
Naphthalene	45	2.4	U	2.4	U	2.2	U	2.8	U	2.3	U	2.6	U	2.4	U
n-Propylbenzene	NV [3]	2.4	U	2.4	U	2.2	U	2.8	U	2.3	U	2.6	U	2.4	U
1,2,4-Trimethylbenzene	62 [4]	2.4	U	2.4	U	2.2	U	2.8	U	2.3	U	2.6	U	2.4	U
1,3,5-Trimethylbenzene	780 [4]	2.4	U	2.4	U	2.2	U	2.8	U	2.3	U	2.6	U	2.4	U
Tetrachloroethylene	6.99	2.4	U	2.4	U	2.2	U	2.8	U	2.3	U	2.6	U	2.4	U
m,p-Xylene	NV [3]	3.0	U	3.0	U	2.7	U	3.5	U	2.8	U	3.3	U	3.0	U
Semi-Volatile Organic Compounds (8270C)	mg/kg	µg/kg		µg/kg		µg/kg		µg/kg		µg/kg		µg/kg		µg/kg	
Dibenzofuran	78 [4]	39	U	43	U	44	U	46	U	46	U	44	U	45	U
Diethyl phthalate	48,900	98	U	693		110	U	120	U	120	U	110	U	110	U
Fluorene	2,290	39	U	43	U	44	U	46	U	46	U	44	U	45	U
2-Methylnaphthalene	310 [4]	39	U	43	U	44	U	46	U	46	U	44	U	45	U
Naphthalene	45	39	U	43	U	44	U	46	U	46	U	44	U	45	U
Total Petroleum Hydrocarbons (8015)	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Gasoline Range Organics (C6-C10)	940 [5]	3.4	U	3.9	U	3.9	U	4.0	U	3.5	U	4.0	U	3.9	U
Diesel Range Organics (C10-C22)	940 [5]	5.9	U	6.5	U	6.5	U	7.0	U	16.7		6.6	U	6.8	U
Oil Range Organics (>C22-C36)	940 [5]	5.9	U	6.5	U	6.5	U	7.0	U	12.4		6.6	U	6.8	U
General Chemistry (160.3)	%	%		%		%		%		%		%		%	
Solids, Percent	NV [3]	83.8		75.6		75.5		70.8		71.5		75.6		72.1	

Notes:

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[5] NMED TPH Screening Guidelines for Kerosene and Jet Fuel, Residential Direct Exposure, Table 2b (October 2006
Bold value indicates analytes above NMED SSLs (Rev 5.0, December 2009) or TPH results above NMED TPH Screening Guidelines (October, 2006
Note: The final four numbers of the Client Sample Identification are the beginning and ending depths of the sample interval (inches below ground surface)

Table A-2
Soil Boring Analytical Data (October 2005)
West POL Yard, Holloman AFB, New Mexico

Client Sample Identification:	Soil Screening Levels	WPOL-SB20-62,70		WPOL-SB21-7,12		WPOL-SB21FD-7,12		WPOL-SB21-32,37		WPOL-SB21FD-32,37		WPOL-SB21-62,69		WPOL-SB21FD-62,69	
Lab Sample Identification:	NMED Residential[1]	F35686-21		F35686-22		F35686-25		F35686-23		F35686-26		F35686-24		F35686-27	
Date Sampled:		10/11/2005		10/11/2005		10/11/2005		10/11/2005		10/11/2005		10/11/2005		10/11/2005	
Analyte		Result[2]	Q	Result[2]	Q	Result[2]	Q	Result[2]	Q	Result[2]	Q	Result[2]	Q	Result[2]	Q
Volatile Organic Compounds (8260B)	mg/kg	µg/kg		µg/kg		µg/kg		µg/kg		µg/kg		µg/kg		µg/kg	
Acetone	67,500	36	U	25	U	25	U	25	U	31	U	34	U	29	U
n-Butylbenzene	NV [3]	2.9	U	2.0	U	2.0	U	2.0	U	2.5	U	2.7	U	2.3	U
sec-Butylbenzene	NV [3]	2.9	U	2.0	U	2.0	U	2.0	U	2.5	U	2.7	U	2.3	U
Carbon disulfide	1,940	2.9	U	2.0	U	2.0	U	2.0	U	2.5	U	2.7	U	2.3	U
Ethylbenzene	69.7	2.9	U	2.0	U	2.0	U	2.0	U	2.5	U	2.7	U	2.3	U
Isopropylbenzene (Cumene)	3,210	2.9	U	2.0	U	2.0	U	2.0	U	2.5	U	2.7	U	2.3	U
p-Isopropyltoluene	NV [3]	2.9	U	2.0	U	2.0	U	2.0	U	2.5	U	2.7	U	2.3	U
Methylene chloride	199	7.3	U	5.1	U	5.0	U	5.0	U	6.2	U	6.7	U	5.9	U
Methyl ethyl ketone	39,600	15	U	10	U	10	U	10	U	12	U	13	U	12	U
Naphthalene	45	2.9	U	3.3	JB	2.0	U	2.0	U	2.5	U	2.7	U	2.3	U
n-Propylbenzene	NV [3]	2.9	U	2.0	U	2.0	U	2.0	U	2.5	U	2.7	U	2.3	U
1,2,4-Trimethylbenzene	62 [4]	2.9	U	10.4		3.9	J	2.0	U	2.5	U	2.7	U	2.3	U
1,3,5-Trimethylbenzene	780 [4]	2.9	U	9.2		3.4	J	2.0	U	2.5	U	2.7	U	2.3	U
Tetrachloroethylene	6.99	2.9	U	2.0	U	2.0	U	2.0	U	2.5	U	2.7	U	2.3	U
m,p-Xylene	NV [3]	3.6	U	2.5	U	2.5	U	2.5	U	3.1	U	3.4	U	2.9	U
Semi-Volatile Organic Compounds (8270C)	mg/kg	µg/kg		µg/kg		µg/kg		µg/kg		µg/kg		µg/kg		µg/kg	
Dibenzofuran	78 [4]	46	U	40	U	39	U	42	U	43	U	45	U	49	U
Diethyl phthalate	48,900	110	U	99	U	97	U	110	U	110	U	110	U	120	U
Fluorene	2,290	46	U	40	U	39	U	42	U	43	U	45	U	49	U
2-Methylnaphthalene	310 [4]	46	U	40	U	39	U	42	U	43	U	45	U	49	U
Naphthalene	45	46	U	40	U	39	U	42	U	43	U	45	U	49	U
Total Petroleum Hydrocarbons (8015)	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
Gasoline Range Organics (C6-C10)	940 [5]	4.0	U	14.2		5.61	J	3.5	U	3.9	U	4.4	U	4.8	U
Diesel Range Organics (C10-C22)	940 [5]	6.9	U	8.40	J	58.0		6.4	U	6.4	U	6.7	U	7.4	U
Oil Range Organics (>C22-C36)	940 [5]	6.9	U	5.9	U	5.9	U	6.4	U	6.4	U	6.7	U	7.4	U
General Chemistry (160.3)	%	%		%		%		%		%		%		%	
Solids, Percent	NV [3]	72.4		82.8		84.1		77.7		76.9		73.1		67.7	

Notes:

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Note: The final four numbers of the Client Sample Identification are the beginning and ending depths of the sample interval (inches below ground surface)

Southeast ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

07/07/08

Technical Report for

Bhate Environmental Associates, Inc.

HOLMN

9040238.11.01

Accutest Job Number: F35540

Sampling Date: 10/05/05

Report to:

Bhate Environmental Associates, Inc.

zbeck@bhate.com

ATTN: Zack Beck

Total number of pages in report: **191**

ACCREDITED IN ACCORDANCE WITH nelac

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

ACCUTEST LABORATORIES 50 YEARS 1956-2006

Client Service contact: Jean Dent-Smith 407-425-6700

Certifications: FL (DOH E83510), NC (573), NJ (FL002), MA (FL946), IA (366), LA (03051), KS (E-10327), SC, AK

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Test results relate only to samples analyzed.

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Sample Summary

Bhate Environmental Associates, Inc.

Job No: F35540

HOLMN
Project No: 9040238.11.01

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
F35540-1	10/05/05	10:00	KDG	10/07/05	SO	Soil	WPOL-SB01-10,20
F35540-2	10/05/05	10:10	KDG	10/07/05	SO	Soil	WPOL-SB01-34,37
F35540-3	10/05/05	10:20	KDG	10/07/05	SO	Soil	WPOL-SB01-64,72
F35540-4	10/05/05	10:30	KDG	10/07/05	SO	Soil	WPOL-SB06-4,12
F35540-5	10/05/05	10:40	KDG	10/07/05	SO	Soil	WPOL-SB06-27,40
F35540-6	10/05/05	10:50	KDG	10/07/05	SO	Soil	WPOL-SB06-62,70
F35540-7	10/05/05	11:10	KDG	10/07/05	SO	Soil	WPOL-SB07-9,20
F35540-8	10/05/05	11:00	KDG	10/07/05	SO	Soil	WPOL-SB07-4,9
F35540-9	10/05/05	11:20	KDG	10/07/05	SO	Soil	WPOL-SB07-52,56
F35540-10	10/05/05	11:30	KDG	10/07/05	SO	Soil	WPOL-SB04-4,9
F35540-11	10/05/05	11:40	KDG	10/07/05	SO	Soil	WPOL-SB04-24,33
F35540-12	10/05/05	11:50	KDG	10/07/05	SO	Soil	WPOL-SB04-62,69
F35540-13	10/05/05	12:00	KDG	10/07/05	SO	Soil	WPOL-SB03-9,13

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Sample Summary
(continued)

Bhate Environmental Associates, Inc.

Job No: F35540

HOLMN
Project No: 9040238.11.01

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
F35540-14	10/05/05	12:10	KDG	10/07/05	SO	Soil	WPOL-SB03-32,39
F35540-15	10/05/05	12:20	KDG	10/07/05	SO	Soil	WPOL-SB03-61,70
F35540-16	10/05/05	12:30	KDG	10/07/05	SO	Soil	WPOL-SB05-4,9
F35540-17	10/05/05	12:40	KDG	10/07/05	SO	Soil	WPOL-SB05-38,47
F35540-18	10/05/05	12:50	KDG	10/07/05	SO	Soil	WPOL-SB05-60,66
F35540-19	10/05/05	11:20	KDG	10/07/05	AQ	Equipment Blank	EQUIPMENT BLANK
F35540-20	10/05/05	00:00	KDG	10/07/05	AQ	Trip Blank Soil	TRIP BLANK
F35540-21	10/05/05	13:00	KDG	10/07/05	SO	Soil	WPOL-SB08-4,8
F35540-22	10/05/05	13:10	KDG	10/07/05	SO	Soil	WPOL-SB08-34,39
F35540-23	10/05/05	13:20	KDG	10/07/05	SO	Soil	WPOL-SB08-60,68

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:** F35540

Site: HOLMN **Report Date** 10/27/2005 2:40:26

22 Samples and 1 Trip Blank were collected on 10/05/2005 and received at Accutest on 10/07/2005 properly preserved, at 2.8 Deg. C and intact. These Samples received an Accutest job number of F35540. 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.

Volatiles by GCMS By Method SW846 8260B

Matrix: AQ **Batch ID:** VJ766

Sample(s) F35491-2MS, F35491-2MSD, F35491-2MSMSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

Blank Spike Recovery(s) for 2-Chloroethyl vinyl ether, Acetone, Methyl bromide, Trans-1,4-Dichloro-2-Butene are outside control limits. Biased high, not detected in the samples, data integrity not affected.

MS/MSD Recovery(s) for 2-Chloroethyl vinyl ether, Methyl bromide are outside control limits. Biased high and not detected in the samples, data integrity not affected.

Matrix: SO **Batch ID:** VG1356

Sample(s) F35540-5MS, F35540-5MSD, F35540-5MSMSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

Sample(s) F35540-13, F35540-14 have compound(s) reported with a “B” qualifier, indicating analyte is found in the associated method blank.

Blank Spike Recovery(s) for Acetone, Vinyl Acetate are outside control limits. Biased high and not detected in the sample.

MS and/or MSD Recovery(s) for Methyl iodide, Vinyl Acetate are outside control limits. Probable cause due to matrix interference.

RPD(s) for MSD for Methyl iodide are outside control limits for sample F35540-5MSD. Probable cause due to sample homogeneity.

F35540-21: Sample was received in a bulk container but was not preserved within 48 hours of sampling.

F35540-18: Sample was received in a bulk container but was not preserved within 48 hours of sampling.

F35540-17: Sample was received in a bulk container but was not preserved within 48 hours of sampling.

F35540-14: Sample was received in a bulk container but was not preserved within 48 hours of sampling.

F35540-13: Sample was received in a bulk container but was not preserved within 48 hours of sampling.

F35540-12: Sample was received in a bulk container but was not preserved within 48 hours of sampling.

F35540-11: Sample was received in a bulk container but was not preserved within 48 hours of sampling.

F35540-22: Sample was received in a bulk container but was not preserved within 48 hours of sampling.

F35540-1: Sample was received in a bulk container but was not preserved within 48 hours of sampling.

F35540-10: Sample was received in a bulk container but was not preserved within 48 hours of sampling.

F35540-8: Sample was received in a bulk container but was not preserved within 48 hours of sampling.

F35540-6: Sample was received in a bulk container but was not preserved within 48 hours of sampling.

F35540-5: Sample was received in a bulk container but was not preserved within 48 hours of sampling.

F35540-4: Sample was received in a bulk container but was not preserved within 48 hours of sampling.

F35540-23: Sample was received in a bulk container but was not preserved within 48 hours of sampling.

Volatiles by GCMS By Method SW846 8260B

Matrix: SO **Batch ID:** VG1357

Sample(s) F35540-2MS, F35540-2MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

Sample(s) F35540-15, F35540-16, F35540-2, F35540-3, F35540-7 have compound(s) reported with a “B” qualifier, indicating analyte is found in the associated method blank.

Blank Spike Recovery(s) for Acrolein are outside control limits. Biased high, not detected in the samples, data integrity not

affected.

F35540-7: Sample was received in a bulk container but was not preserved within 48 hours of sampling.

F35540-3: Sample was received in a bulk container but was not preserved within 48 hours of sampling.

F35540-2: Sample was received in a bulk container but was not preserved within 48 hours of sampling.

F35540-15: Sample was received in a bulk container but was not preserved within 48 hours of sampling.

F35540-16: Sample was received in a bulk container but was not preserved within 48 hours of sampling.

F35540-9: Sample was received in a bulk container but was not preserved within 48 hours of sampling.

F35540-16 for Acetone: CCV outside of control limits; results may be biased low.

F35540-15 for Methyl ethyl ketone: CCV outside of control limits; results may be biased low.

Matrix: SO **Batch ID:** VG1361

Sample(s) F35686-19MS, F35686-19MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

The following samples were run outside of holding time for method SW846 8260B: F35540-10 Sample re-analyzed beyond hold time; reported results are considered minimum values.

F35540-10: Sample re-analyzed beyond hold time; reported results are considered minimum values.

Extractables by GCMS By Method SW846 8270C

Matrix: AQ **Batch ID:** OP14669

All samples were extracted within the recommended method holding time.

Sample(s) F35532-1MS, F35532-1MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

Blank Spike Recovery(s) for 2,6-Dinitrotoluene are outside control limits. Passed in MS/MSD, SW-846 8000 requirements are met.

Matrix Spike Recovery(s) for 2,4-Dinitrophenol, 2-Methylnaphthalene, 3,3'-Dichlorobenzidine, 3-Nitroaniline, 4,6-Dinitro-o-cresol, 4-Bromophenyl phenyl ether, 4-Chloroaniline, 4-Nitroaniline, 4-Nitrophenol, Benzidine, Benzo(a)anthracene, Benzo(g,h,i)perylene, Benzoic Acid, Butyl benzyl phthalate, Hexachlorobutadiene, Hexachlorocyclopentadiene, N-Nitroso-di-n-propylamine, Pentachlorophenol are outside control limits. Probable cause due to matrix interference.

Matrix Spike Duplicate Recovery(s) for 2,4-Dinitrophenol, 2-Methylnaphthalene, 3,3'-Dichlorobenzidine, 3-Nitroaniline, 4-Bromophenyl phenyl ether, 4-Chloroaniline, 4-Chlorophenyl phenyl ether, 4-Nitroaniline, 4-Nitrophenol, Benzidine, Benzoic Acid, Butyl benzyl phthalate, Hexachlorobutadiene, Hexachlorocyclopentadiene, N-Nitroso-di-n-propylamine, Pentachlorophenol are outside control limits. Probable cause due to matrix interference.

Matrix Spike Recovery(s) for bis(2-Ethylhexyl)phthalate are outside control limits. Outside control limits due to high level in sample relative to spike amount.

RPD(s) for MSD for 4,6-Dinitro-o-cresol are outside control limits for sample OP14669-MSD. Probable cause due to sample homogeneity.

Matrix: SO **Batch ID:** OP14662

All samples were extracted within the recommended method holding time.

Sample(s) F35540-2MS, F35540-2MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

Blank Spike Recovery(s) for Hexachlorobutadiene are outside control limits. Biased high, not detected in the samples, data not affected.

Matrix: SO **Batch ID:** OP14667

All samples were extracted within the recommended method holding time.

Sample(s) F35540-12MS, F35540-12MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

MS/MSD Recovery(s) for Benzidine are outside control limits. Probable cause due to matrix interference.

RPD(s) for MSD for 4-Chloroaniline are outside control limits for sample OP14667-MSD. Probable cause due to sample homogeneity.

Volatiles by GC By Method SW846 8015

Matrix: SO **Batch ID:** GHH779

Sample(s) F35540-1MS, F35540-1MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

Sample(s) F35540-12, F35540-9 have surrogates outside control limits. Probable cause due to matrix interference.

F35540-5: Sample was received in a bulk container and preserved within 48 hours of sampling.

F35540-13: Sample was received in a bulk container and preserved within 48 hours of sampling.

F35540-14: Sample was received in a bulk container and preserved within 48 hours of sampling.

F35540-8: Sample was received in a bulk container and preserved within 48 hours of sampling.
F35540-9: Sample was received in a bulk container and preserved within 48 hours of sampling.
F35540-16: Sample was received in a bulk container and preserved within 48 hours of sampling.
F35540-4: Sample was received in a bulk container and preserved within 48 hours of sampling.
F35540-17: Sample was received in a bulk container and preserved within 48 hours of sampling.
F35540-18: Sample was received in a bulk container and preserved within 48 hours of sampling.
F35540-3: Sample was received in a bulk container and preserved within 48 hours of sampling.
F35540-2: Sample was received in a bulk container and preserved within 48 hours of sampling.
F35540-15: Sample was received in a bulk container and preserved within 48 hours of sampling.
F35540-7: Sample was received in a bulk container and preserved within 48 hours of sampling.
F35540-10: Sample was received in a bulk container and preserved within 48 hours of sampling.
F35540-6: Sample was received in a bulk container and preserved within 48 hours of sampling.
F35540-12: Sample was received in a bulk container and preserved within 48 hours of sampling.
F35540-1: Sample was received in a bulk container and preserved within 48 hours of sampling.
F35540-11: Sample was received in a bulk container and preserved within 48 hours of sampling.
F35540-12 for 4-Bromofluorobenzene: Result reported from PID.
F35540-9 for 4-Bromofluorobenzene: Result reported from PID.
F35540-12 for 4-Bromofluorobenzene: Outside control limits due to matrix interference.
F35540-9 for 4-Bromofluorobenzene: Outside control limits due to matrix interference.

Matrix: SO **Batch ID:** GHH780

Sample(s) F35540-21DUP were used as the QC samples indicated.
All method blanks for this batch meet method specific criteria.
F35540-21: Sample was received in a bulk container but was not preserved within 48 hours of sampling.
F35540-23: Sample was received in a bulk container but was not preserved within 48 hours of sampling.

Matrix: SO **Batch ID:** GHH781

Sample(s) F35566-8MS, F35566-8MSD were used as the QC samples indicated.
All method blanks for this batch meet method specific criteria.
F35540-22: Sample was received in a bulk container but was not preserved within 48 hours of sampling.

Extractables by GC By Method SW846 8015 M

Matrix: SO **Batch ID:** OP14639

All samples were extracted within the recommended method holding time.
Sample(s) F35540-1MS, F35540-1MSD were used as the QC samples indicated.
All method blanks for this batch meet method specific criteria.
Sample(s) F35540-10, F35540-15, F35540-10, F35540-13 have surrogates outside control limits. Probable cause due to matrix interference.
F35540-13: Re-extract results reported because they were significantly higher than original results.
F35540-13 for o-Terphenyl: Confirmed by re-extraction and reanalysis.
F35540-15 for o-Terphenyl: Confirmed by re-extraction and reanalysis.
F35540-10 for o-Terphenyl: Confirmed by re-extraction and reanalysis.

Matrix: SO **Batch ID:** OP14665

All samples were extracted within the recommended method holding time.
Sample(s) F35540-21MS, F35540-21MSD were used as the QC samples indicated.
All method blanks for this batch meet method specific criteria.
Sample(s) F35540-10, F35540-15, F35540-10, F35540-13 have surrogates outside control limits. Probable cause due to matrix interference.

Matrix: SO **Batch ID:** OP14738

All samples were extracted within the recommended method holding time.
All method blanks for this batch meet method specific criteria.
Sample(s) F35540-10, F35540-15, F35540-10, F35540-13 have surrogates outside control limits. Probable cause due to matrix interference.
F35540-15: Confirmation run.
F35540-10: Confirmation run.

Wet Chemistry By Method EPA 160.3 M

Matrix: SO **Batch ID:** GN18566

Sample(s) F35513-5DUP were used as the QC samples for Solids, Percent.

Matrix: SO **Batch ID:** GN18573

Sample(s) F35541-1DUP were used as the QC samples for Solids, 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 QualityObjectives 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: October 27, 2005

Svetlana Izosimova, QAO

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	WPOL-SB01-10,20		
Lab Sample ID:	F35540-1	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8260B SW846 5030A	**Percent Solids:**	72.5
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0035228.D	1	10/18/05	JG	10/07/05 13:30	n/a	VG1356
Run #2							

	Initial Weight
Run #1	4.76 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	72	36	ug/kg	
75-05-8	Acetonitrile	ND	72	29	ug/kg	
107-02-8	Acrolein	ND	36	18	ug/kg	
107-13-1	Acrylonitrile	ND	36	18	ug/kg	
107-05-1	Allyl chloride	ND	36	7.2	ug/kg	
71-43-2	Benzene	ND	7.2	2.9	ug/kg	
100-44-7	Benzyl Chloride	ND	7.2	3.6	ug/kg	
108-86-1	Bromobenzene	ND	7.2	2.9	ug/kg	
74-97-5	Bromochloromethane	ND	7.2	2.9	ug/kg	
75-27-4	Bromodichloromethane	ND	7.2	2.9	ug/kg	
75-25-2	Bromoform	ND	7.2	2.9	ug/kg	
104-51-8	n-Butylbenzene	ND	7.2	2.9	ug/kg	
135-98-8	sec-Butylbenzene	ND	7.2	2.9	ug/kg	
98-06-6	tert-Butylbenzene	ND	7.2	2.9	ug/kg	
108-90-7	Chlorobenzene	ND	7.2	2.9	ug/kg	
75-00-3	Chloroethane	ND	7.2	2.9	ug/kg	
67-66-3	Chloroform	ND	7.2	2.9	ug/kg	
544-10-5	1-Chlorohexane	ND	7.2	2.9	ug/kg	
95-49-8	o-Chlorotoluene	ND	7.2	2.9	ug/kg	
106-43-4	p-Chlorotoluene	ND	7.2	2.9	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	36	14	ug/kg	
75-15-0	Carbon disulfide	6.0	7.2	2.9	ug/kg	J
56-23-5	Carbon tetrachloride	ND	7.2	2.9	ug/kg	
75-34-3	1,1-Dichloroethane	ND	7.2	2.9	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	7.2	2.9	ug/kg	
563-58-6	1,1-Dichloropropene	ND	7.2	2.9	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	7.2	2.9	ug/kg	
106-93-4	1,2-Dibromoethane	ND	7.2	2.9	ug/kg	
107-06-2	1,2-Dichloroethane	ND	7.2	2.9	ug/kg	
78-87-5	1,2-Dichloropropane	ND	7.2	2.9	ug/kg	
142-28-9	1,3-Dichloropropane	ND	7.2	2.9	ug/kg	
594-20-7	2,2-Dichloropropane	ND	7.2	2.9	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB01-10,20		
Lab Sample ID:	F35540-1	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8260B SW846 5030A	**Percent Solids:**	72.5
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	7.2	2.9	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	7.2	4.3	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	7.2	2.9	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	7.2	2.9	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	36		ug/kg	
541-73-1	m-Dichlorobenzene	ND	7.2	2.9	ug/kg	
95-50-1	o-Dichlorobenzene	ND	7.2	2.9	ug/kg	
106-46-7	p-Dichlorobenzene	ND	7.2	2.9	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	7.2	2.9	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	7.2	2.9	ug/kg	
100-41-4	Ethylbenzene	ND	7.2	2.9	ug/kg	
97-63-2	Ethyl methacrylate	ND	36	7.2	ug/kg	
76-13-1	Freon 113	ND	7.2	2.9	ug/kg	
591-78-6	2-Hexanone	ND	36	14	ug/kg	
87-68-3	Hexachlorobutadiene	ND	7.2	2.9	ug/kg	
110-54-3	Hexane	ND	7.2	2.9	ug/kg	
98-82-8	Isopropylbenzene	ND	7.2	2.9	ug/kg	
99-87-6	p-Isopropyltoluene	ND	7.2	2.9	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	36	14	ug/kg	
126-98-7	Methacrylonitrile	ND	36	14	ug/kg	
74-83-9	Methyl bromide	ND	7.2	2.9	ug/kg	
74-87-3	Methyl chloride	ND	7.2	2.9	ug/kg	
74-88-4	Methyl iodide	ND	14	2.9	ug/kg	
80-62-6	Methyl methacrylate	ND	36	7.2	ug/kg	
74-95-3	Methylene bromide	ND	7.2	2.9	ug/kg	
75-09-2	Methylene chloride	ND	14	7.2	ug/kg	
78-93-3	Methyl ethyl ketone	ND	36	14	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	7.2	2.9	ug/kg	
91-20-3	Naphthalene	ND	7.2	2.9	ug/kg	
76-01-7	Pentachloroethane	ND	36	7.2	ug/kg	
107-12-0	Propionitrile	ND	72	14	ug/kg	
103-65-1	n-Propylbenzene	ND	7.2	2.9	ug/kg	
100-42-5	Styrene	ND	7.2	2.9	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	7.2	2.9	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	7.2	2.9	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	7.2	2.9	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	7.2	2.9	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	7.2	2.9	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	7.2	2.9	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	7.2	2.9	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB01-10,20		
Lab Sample ID:	F35540-1	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8260B SW846 5030A	**Percent Solids:**	72.5
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	7.2	2.9	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	7.2	2.9	ug/kg	
127-18-4	Tetrachloroethylene	ND	7.2	2.9	ug/kg	
108-88-3	Toluene	ND	7.2	2.9	ug/kg	
79-01-6	Trichloroethylene	ND	7.2	2.9	ug/kg	
75-69-4	Trichlorofluoromethane	ND	7.2	2.9	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	36	14	ug/kg	
75-01-4	Vinyl chloride	ND	7.2	2.9	ug/kg	
108-05-4	Vinyl Acetate	ND	36	14	ug/kg	
	m,p-Xylene	ND	14	3.6	ug/kg	
95-47-6	o-Xylene	ND	7.2	2.9	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	94%		78-123%
2037-26-5	Toluene-D8	96%		71-137%
460-00-4	4-Bromofluorobenzene	97%		61-157%
17060-07-0	1,2-Dichloroethane-D4	98%		74-125%

(a) Sample was received in a bulk container but was not preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB01-10,20		
Lab Sample ID:	F35540-1	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	72.5
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L028177.D	1	10/14/05	NJ	10/12/05	OP14662	SL1476
Run #2							

	Initial Weight	Final Volume
Run #1	30.5 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1100	450	ug/kg	
95-57-8	2-Chlorophenol	ND	230	45	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	230	45	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	230	45	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	230	45	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1100	450	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	450	90	ug/kg	
95-48-7	2-Methylphenol	ND	230	45	ug/kg	
	3&4-Methylphenol	ND	230	45	ug/kg	
88-75-5	2-Nitrophenol	ND	230	45	ug/kg	
100-02-7	4-Nitrophenol	ND	1100	450	ug/kg	
87-86-5	Pentachlorophenol	ND	1100	450	ug/kg	
108-95-2	Phenol	ND	230	45	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	230	45	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	230	45	ug/kg	
83-32-9	Acenaphthene	ND	230	45	ug/kg	
208-96-8	Acenaphthylene	ND	230	45	ug/kg	
120-12-7	Anthracene	ND	230	45	ug/kg	
92-87-5	Benzidine	ND	2300	1100	ug/kg	
56-55-3	Benzo(a)anthracene	ND	230	45	ug/kg	
50-32-8	Benzo(a)pyrene	ND	230	45	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	230	45	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	230	90	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	230	45	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	230	45	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	450	110	ug/kg	
100-51-6	Benzyl Alcohol	ND	230	45	ug/kg	
91-58-7	2-Chloronaphthalene	ND	230	45	ug/kg	
106-47-8	4-Chloroaniline	ND	450	180	ug/kg	
218-01-9	Chrysene	ND	230	45	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	230	45	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	230	90	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB01-10,20		
Lab Sample ID:	F35540-1	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	72.5
Project:	HOLMN		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	230	45	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	230	45	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	230	45	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	230	45	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	230	45	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	230	90	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	230	90	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	450	230	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	230	90	ug/kg	
132-64-9	Dibenzofuran	ND	230	45	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	450	110	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	450	230	ug/kg	
84-66-2	Diethyl phthalate	ND	450	110	ug/kg	
131-11-3	Dimethyl phthalate	ND	450	110	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	450	230	ug/kg	
206-44-0	Fluoranthene	ND	230	45	ug/kg	
86-73-7	Fluorene	ND	230	45	ug/kg	
118-74-1	Hexachlorobenzene	ND	230	45	ug/kg	
87-68-3	Hexachlorobutadiene	ND	230	90	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	230	90	ug/kg	
67-72-1	Hexachloroethane	ND	230	90	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	230	90	ug/kg	
78-59-1	Isophorone	ND	230	45	ug/kg	
91-57-6	2-Methylnaphthalene	ND	230	45	ug/kg	
88-74-4	2-Nitroaniline	ND	450	110	ug/kg	
99-09-2	3-Nitroaniline	ND	450	110	ug/kg	
100-01-6	4-Nitroaniline	ND	450	160	ug/kg	
91-20-3	Naphthalene	ND	230	45	ug/kg	
98-95-3	Nitrobenzene	ND	230	45	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	230	90	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	230	45	ug/kg	
85-01-8	Phenanthrene	ND	230	45	ug/kg	
129-00-0	Pyrene	ND	230	90	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	230	45	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	74%		45-114%
4165-62-2	Phenol-d5	75%		44-124%
118-79-6	2,4,6-Tribromophenol	85%		50-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB01-10,20		
Lab Sample ID:	F35540-1	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	72.5
Project:	HOLMN		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	69%		41-123%
321-60-8	2-Fluorobiphenyl	74%		46-122%
1718-51-0	Terphenyl-d14	81%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB01-10,20		
Lab Sample ID:	F35540-1	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8015 SW846 5030A	**Percent Solids:**	72.5
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	HH017115.D	1	10/18/05	AB	10/07/05 13:30	n/a	GHH779
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.17 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	8.6	4.3	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	94%		62-135%
98-08-8	aaa-Trifluorotoluene	86%		65-118%

(a) Sample was received in a bulk container and preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB01-10,20		
Lab Sample ID:	F35540-1	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	72.5
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	IJ26275.D	1	10/17/05	SD	10/10/05	OP14639	GIJ1243
Run #2							

	Initial Weight	Final Volume
Run #1	30.5 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	11	6.8	mg/kg	
	TPH (> C22-C36)	ND	11	6.8	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	64%		57-115%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB01-34,37		
Lab Sample ID:	F35540-2	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8260B SW846 5030A	**Percent Solids:**	73.3
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0035261.D	1	10/19/05	JG	10/07/05 13:30	n/a	VG1357
Run #2							

	Initial Weight
Run #1	4.83 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	71	35	ug/kg	
75-05-8	Acetonitrile	ND	71	28	ug/kg	
107-02-8	Acrolein	ND	35	18	ug/kg	
107-13-1	Acrylonitrile	ND	35	18	ug/kg	
107-05-1	Allyl chloride	ND	35	7.1	ug/kg	
71-43-2	Benzene	ND	7.1	2.8	ug/kg	
100-44-7	Benzyl Chloride	ND	7.1	3.5	ug/kg	
108-86-1	Bromobenzene	ND	7.1	2.8	ug/kg	
74-97-5	Bromochloromethane	ND	7.1	2.8	ug/kg	
75-27-4	Bromodichloromethane	ND	7.1	2.8	ug/kg	
75-25-2	Bromoform	ND	7.1	2.8	ug/kg	
104-51-8	n-Butylbenzene	6.9	7.1	2.8	ug/kg	J
135-98-8	sec-Butylbenzene	8.0	7.1	2.8	ug/kg	
98-06-6	tert-Butylbenzene	ND	7.1	2.8	ug/kg	
108-90-7	Chlorobenzene	ND	7.1	2.8	ug/kg	
75-00-3	Chloroethane	ND	7.1	2.8	ug/kg	
67-66-3	Chloroform	ND	7.1	2.8	ug/kg	
544-10-5	1-Chlorohexane	ND	7.1	2.8	ug/kg	
95-49-8	o-Chlorotoluene	ND	7.1	2.8	ug/kg	
106-43-4	p-Chlorotoluene	ND	7.1	2.8	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	35	14	ug/kg	
75-15-0	Carbon disulfide	ND	7.1	2.8	ug/kg	
56-23-5	Carbon tetrachloride	ND	7.1	2.8	ug/kg	
75-34-3	1,1-Dichloroethane	ND	7.1	2.8	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	7.1	2.8	ug/kg	
563-58-6	1,1-Dichloropropene	ND	7.1	2.8	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	7.1	2.8	ug/kg	
106-93-4	1,2-Dibromoethane	ND	7.1	2.8	ug/kg	
107-06-2	1,2-Dichloroethane	ND	7.1	2.8	ug/kg	
78-87-5	1,2-Dichloropropane	ND	7.1	2.8	ug/kg	
142-28-9	1,3-Dichloropropane	ND	7.1	2.8	ug/kg	
594-20-7	2,2-Dichloropropane	ND	7.1	2.8	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB01-34,37		
Lab Sample ID:	F35540-2	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8260B SW846 5030A	**Percent Solids:**	73.3
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	7.1	2.8	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	7.1	4.2	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	7.1	2.8	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	7.1	2.8	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	35		ug/kg	
541-73-1	m-Dichlorobenzene	ND	7.1	2.8	ug/kg	
95-50-1	o-Dichlorobenzene	ND	7.1	2.8	ug/kg	
106-46-7	p-Dichlorobenzene	ND	7.1	2.8	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	7.1	2.8	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	7.1	2.8	ug/kg	
100-41-4	Ethylbenzene	ND	7.1	2.8	ug/kg	
97-63-2	Ethyl methacrylate	ND	35	7.1	ug/kg	
76-13-1	Freon 113	ND	7.1	2.8	ug/kg	
591-78-6	2-Hexanone	ND	35	14	ug/kg	
87-68-3	Hexachlorobutadiene	ND	7.1	2.8	ug/kg	
110-54-3	Hexane	ND	7.1	2.8	ug/kg	
98-82-8	Isopropylbenzene	ND	7.1	2.8	ug/kg	
99-87-6	p-Isopropyltoluene	ND	7.1	2.8	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	35	14	ug/kg	
126-98-7	Methacrylonitrile	ND	35	14	ug/kg	
74-83-9	Methyl bromide	ND	7.1	2.8	ug/kg	
74-87-3	Methyl chloride	ND	7.1	2.8	ug/kg	
74-88-4	Methyl iodide	ND	14	2.8	ug/kg	
80-62-6	Methyl methacrylate	ND	35	7.1	ug/kg	
74-95-3	Methylene bromide	ND	7.1	2.8	ug/kg	
75-09-2	Methylene chloride	ND	14	7.1	ug/kg	
78-93-3	Methyl ethyl ketone	ND	35	14	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	7.1	2.8	ug/kg	
91-20-3	Naphthalene	22.0	7.1	2.8	ug/kg	B
76-01-7	Pentachloroethane	ND	35	7.1	ug/kg	
107-12-0	Propionitrile	ND	71	14	ug/kg	
103-65-1	n-Propylbenzene	2.9	7.1	2.8	ug/kg	J
100-42-5	Styrene	ND	7.1	2.8	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	7.1	2.8	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	7.1	2.8	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	7.1	2.8	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	7.1	2.8	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	7.1	2.8	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	7.1	2.8	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	7.1	2.8	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB01-34,37		
Lab Sample ID:	F35540-2	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8260B SW846 5030A	**Percent Solids:**	73.3
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	12.8	7.1	2.8	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	7.1	2.8	ug/kg	
127-18-4	Tetrachloroethylene	ND	7.1	2.8	ug/kg	
108-88-3	Toluene	ND	7.1	2.8	ug/kg	
79-01-6	Trichloroethylene	ND	7.1	2.8	ug/kg	
75-69-4	Trichlorofluoromethane	ND	7.1	2.8	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	35	14	ug/kg	
75-01-4	Vinyl chloride	ND	7.1	2.8	ug/kg	
108-05-4	Vinyl Acetate	ND	35	14	ug/kg	
	m,p-Xylene	ND	14	3.5	ug/kg	
95-47-6	o-Xylene	ND	7.1	2.8	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		78-123%
2037-26-5	Toluene-D8	93%		71-137%
460-00-4	4-Bromofluorobenzene	96%		61-157%
17060-07-0	1,2-Dichloroethane-D4	90%		74-125%

(a) Sample was received in a bulk container but was not preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB01-34,37		
Lab Sample ID:	F35540-2	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	73.3
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L028178.D	1	10/14/05	NJ	10/12/05	OP14662	SL1476
Run #2							

	Initial Weight	Final Volume
Run #1	30.6 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1100	450	ug/kg	
95-57-8	2-Chlorophenol	ND	220	45	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	220	45	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	220	45	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	220	45	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1100	450	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	450	89	ug/kg	
95-48-7	2-Methylphenol	ND	220	45	ug/kg	
	3&4-Methylphenol	ND	220	45	ug/kg	
88-75-5	2-Nitrophenol	ND	220	45	ug/kg	
100-02-7	4-Nitrophenol	ND	1100	450	ug/kg	
87-86-5	Pentachlorophenol	ND	1100	450	ug/kg	
108-95-2	Phenol	ND	220	45	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	220	45	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	220	45	ug/kg	
83-32-9	Acenaphthene	ND	220	45	ug/kg	
208-96-8	Acenaphthylene	ND	220	45	ug/kg	
120-12-7	Anthracene	ND	220	45	ug/kg	
92-87-5	Benzidine	ND	2200	1100	ug/kg	
56-55-3	Benzo(a)anthracene	ND	220	45	ug/kg	
50-32-8	Benzo(a)pyrene	ND	220	45	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	220	45	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	220	89	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	220	45	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	220	45	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	450	110	ug/kg	
100-51-6	Benzyl Alcohol	ND	220	45	ug/kg	
91-58-7	2-Chloronaphthalene	ND	220	45	ug/kg	
106-47-8	4-Chloroaniline	ND	450	180	ug/kg	
218-01-9	Chrysene	ND	220	45	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	220	45	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	220	89	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB01-34,37		
Lab Sample ID:	F35540-2	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	73.3
Project:	HOLMN		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	220	45	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	220	45	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	220	45	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	220	45	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	220	45	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	220	89	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	220	89	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	450	220	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	220	89	ug/kg	
132-64-9	Dibenzofuran	ND	220	45	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	450	110	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	450	220	ug/kg	
84-66-2	Diethyl phthalate	ND	450	110	ug/kg	
131-11-3	Dimethyl phthalate	ND	450	110	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	450	220	ug/kg	
206-44-0	Fluoranthene	ND	220	45	ug/kg	
86-73-7	Fluorene	ND	220	45	ug/kg	
118-74-1	Hexachlorobenzene	ND	220	45	ug/kg	
87-68-3	Hexachlorobutadiene	ND	220	89	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	220	89	ug/kg	
67-72-1	Hexachloroethane	ND	220	89	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	220	89	ug/kg	
78-59-1	Isophorone	ND	220	45	ug/kg	
91-57-6	2-Methylnaphthalene	ND	220	45	ug/kg	
88-74-4	2-Nitroaniline	ND	450	110	ug/kg	
99-09-2	3-Nitroaniline	ND	450	110	ug/kg	
100-01-6	4-Nitroaniline	ND	450	160	ug/kg	
91-20-3	Naphthalene	ND	220	45	ug/kg	
98-95-3	Nitrobenzene	ND	220	45	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	220	89	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	220	45	ug/kg	
85-01-8	Phenanthrene	ND	220	45	ug/kg	
129-00-0	Pyrene	ND	220	89	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	220	45	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	71%		45-114%
4165-62-2	Phenol-d5	74%		44-124%
118-79-6	2,4,6-Tribromophenol	84%		50-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB01-34,37		
Lab Sample ID:	F35540-2	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	73.3
Project:	HOLMN		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	67%		41-123%
321-60-8	2-Fluorobiphenyl	71%		46-122%
1718-51-0	Terphenyl-d14	78%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB01-34,37		
Lab Sample ID:	F35540-2	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8015 SW846 5030A	**Percent Solids:**	73.3
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	HH017118.D	1	10/18/05	AB	10/07/05 13:30	n/a	GHH779
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	4.99 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	8.7	4.3	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	91%		62-135%
98-08-8	aaa-Trifluorotoluene	84%		65-118%

(a) Sample was received in a bulk container and preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB01-34,37		
Lab Sample ID:	F35540-2	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	73.3
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	IJ26235.D	1	10/15/05	SD	10/10/05	OP14639	GIJ1242
Run #2							

	Initial Weight	Final Volume
Run #1	30.8 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	11	6.6	mg/kg	
	TPH (> C22-C36)	ND	11	6.6	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	60%		57-115%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB01-64,72		
Lab Sample ID:	F35540-3	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8260B SW846 5030A	**Percent Solids:**	68.9
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0035265.D	1	10/19/05	JG	10/07/05 13:30	n/a	VG1357
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.17 g	5.0 ml	100 ul
Run #2			

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	4600	2300	ug/kg	
75-05-8	Acetonitrile	ND	4600	1900	ug/kg	
107-02-8	Acrolein	ND	2300	1200	ug/kg	
107-13-1	Acrylonitrile	ND	2300	1200	ug/kg	
107-05-1	Allyl chloride	ND	2300	460	ug/kg	
71-43-2	Benzene	ND	460	190	ug/kg	
100-44-7	Benzyl Chloride	ND	460	230	ug/kg	
108-86-1	Bromobenzene	ND	460	190	ug/kg	
74-97-5	Bromochloromethane	ND	460	190	ug/kg	
75-27-4	Bromodichloromethane	ND	460	190	ug/kg	
75-25-2	Bromoform	ND	460	190	ug/kg	
104-51-8	n-Butylbenzene	2010	460	190	ug/kg	
135-98-8	sec-Butylbenzene	1750	460	190	ug/kg	
98-06-6	tert-Butylbenzene	ND	460	190	ug/kg	
108-90-7	Chlorobenzene	ND	460	190	ug/kg	
75-00-3	Chloroethane	ND	460	190	ug/kg	
67-66-3	Chloroform	ND	460	190	ug/kg	
544-10-5	1-Chlorohexane	ND	460	190	ug/kg	
95-49-8	o-Chlorotoluene	ND	460	190	ug/kg	
106-43-4	p-Chlorotoluene	ND	460	190	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	2300	930	ug/kg	
75-15-0	Carbon disulfide	ND	460	190	ug/kg	
56-23-5	Carbon tetrachloride	ND	460	190	ug/kg	
75-34-3	1,1-Dichloroethane	ND	460	190	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	460	190	ug/kg	
563-58-6	1,1-Dichloropropene	ND	460	190	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	460	190	ug/kg	
106-93-4	1,2-Dibromoethane	ND	460	190	ug/kg	
107-06-2	1,2-Dichloroethane	ND	460	190	ug/kg	
78-87-5	1,2-Dichloropropane	ND	460	190	ug/kg	
142-28-9	1,3-Dichloropropane	ND	460	190	ug/kg	
594-20-7	2,2-Dichloropropane	ND	460	190	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB01-64,72		
Lab Sample ID:	F35540-3	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8260B SW846 5030A	**Percent Solids:**	68.9
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	460	190	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	460	280	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	460	190	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	460	190	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	2300		ug/kg	
541-73-1	m-Dichlorobenzene	ND	460	190	ug/kg	
95-50-1	o-Dichlorobenzene	ND	460	190	ug/kg	
106-46-7	p-Dichlorobenzene	ND	460	190	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	460	190	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	460	190	ug/kg	
100-41-4	Ethylbenzene	809	460	190	ug/kg	
97-63-2	Ethyl methacrylate	ND	2300	460	ug/kg	
76-13-1	Freon 113	ND	460	190	ug/kg	
591-78-6	2-Hexanone	ND	2300	930	ug/kg	
87-68-3	Hexachlorobutadiene	ND	460	190	ug/kg	
110-54-3	Hexane	ND	460	190	ug/kg	
98-82-8	Isopropylbenzene	765	460	190	ug/kg	
99-87-6	p-Isopropyltoluene	753	460	190	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	2300	930	ug/kg	
126-98-7	Methacrylonitrile	ND	2300	930	ug/kg	
74-83-9	Methyl bromide	ND	460	190	ug/kg	
74-87-3	Methyl chloride	ND	460	190	ug/kg	
74-88-4	Methyl iodide	ND	930	190	ug/kg	
80-62-6	Methyl methacrylate	ND	2300	460	ug/kg	
74-95-3	Methylene bromide	ND	460	190	ug/kg	
75-09-2	Methylene chloride	ND	930	460	ug/kg	
78-93-3	Methyl ethyl ketone	ND	2300	930	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	460	190	ug/kg	
91-20-3	Naphthalene	609	460	190	ug/kg	B
76-01-7	Pentachloroethane	ND	2300	460	ug/kg	
107-12-0	Propionitrile	ND	4600	930	ug/kg	
103-65-1	n-Propylbenzene	1230	460	190	ug/kg	
100-42-5	Styrene	ND	460	190	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	460	190	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	460	190	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	460	190	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	460	190	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	460	190	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	460	190	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	460	190	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB01-64,72		
Lab Sample ID:	F35540-3	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8260B SW846 5030A	**Percent Solids:**	68.9
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	854	460	190	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	460	190	ug/kg	
127-18-4	Tetrachloroethylene	ND	460	190	ug/kg	
108-88-3	Toluene	ND	460	190	ug/kg	
79-01-6	Trichloroethylene	ND	460	190	ug/kg	
75-69-4	Trichlorofluoromethane	ND	460	190	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	2300	930	ug/kg	
75-01-4	Vinyl chloride	ND	460	190	ug/kg	
108-05-4	Vinyl Acetate	ND	2300	930	ug/kg	
	m,p-Xylene	ND	930	230	ug/kg	
95-47-6	o-Xylene	ND	460	190	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		78-123%
2037-26-5	Toluene-D8	93%		71-137%
460-00-4	4-Bromofluorobenzene	104%		61-157%
17060-07-0	1,2-Dichloroethane-D4	95%		74-125%

(a) Sample was received in a bulk container but was not preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB01-64,72		
Lab Sample ID:	F35540-3	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	68.9
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L028181.D	1	10/14/05	NJ	10/12/05	OP14662	SL1476
Run #2							

	Initial Weight	Final Volume
Run #1	30.4 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1200	480	ug/kg	
95-57-8	2-Chlorophenol	ND	240	48	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	240	48	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	240	48	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	240	48	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1200	480	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	480	95	ug/kg	
95-48-7	2-Methylphenol	ND	240	48	ug/kg	
	3&4-Methylphenol	ND	240	48	ug/kg	
88-75-5	2-Nitrophenol	ND	240	48	ug/kg	
100-02-7	4-Nitrophenol	ND	1200	480	ug/kg	
87-86-5	Pentachlorophenol	ND	1200	480	ug/kg	
108-95-2	Phenol	ND	240	48	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	240	48	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	240	48	ug/kg	
83-32-9	Acenaphthene	ND	240	48	ug/kg	
208-96-8	Acenaphthylene	ND	240	48	ug/kg	
120-12-7	Anthracene	ND	240	48	ug/kg	
92-87-5	Benzidine	ND	2400	1200	ug/kg	
56-55-3	Benzo(a)anthracene	ND	240	48	ug/kg	
50-32-8	Benzo(a)pyrene	ND	240	48	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	240	48	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	240	95	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	240	48	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	240	48	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	480	120	ug/kg	
100-51-6	Benzyl Alcohol	ND	240	48	ug/kg	
91-58-7	2-Chloronaphthalene	ND	240	48	ug/kg	
106-47-8	4-Chloroaniline	ND	480	190	ug/kg	
218-01-9	Chrysene	ND	240	48	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	240	48	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	240	95	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB01-64,72		
Lab Sample ID:	F35540-3	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	68.9
Project:	HOLMN		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	240	48	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	240	48	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	240	48	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	240	48	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	240	48	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	240	95	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	240	95	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	480	240	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	240	95	ug/kg	
132-64-9	Dibenzofuran	93.3	240	48	ug/kg	J
84-74-2	Di-n-butyl phthalate	ND	480	120	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	480	240	ug/kg	
84-66-2	Diethyl phthalate	ND	480	120	ug/kg	
131-11-3	Dimethyl phthalate	ND	480	120	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	480	240	ug/kg	
206-44-0	Fluoranthene	ND	240	48	ug/kg	
86-73-7	Fluorene	ND	240	48	ug/kg	
118-74-1	Hexachlorobenzene	ND	240	48	ug/kg	
87-68-3	Hexachlorobutadiene	ND	240	95	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	240	95	ug/kg	
67-72-1	Hexachloroethane	ND	240	95	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	240	95	ug/kg	
78-59-1	Isophorone	ND	240	48	ug/kg	
91-57-6	2-Methylnaphthalene	415	240	48	ug/kg	
88-74-4	2-Nitroaniline	ND	480	120	ug/kg	
99-09-2	3-Nitroaniline	ND	480	120	ug/kg	
100-01-6	4-Nitroaniline	ND	480	170	ug/kg	
91-20-3	Naphthalene	131	240	48	ug/kg	J
98-95-3	Nitrobenzene	ND	240	48	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	240	95	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	240	48	ug/kg	
85-01-8	Phenanthrene	ND	240	48	ug/kg	
129-00-0	Pyrene	ND	240	95	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	240	48	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	81%		45-114%
4165-62-2	Phenol-d5	81%		44-124%
118-79-6	2,4,6-Tribromophenol	80%		50-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB01-64,72		
Lab Sample ID:	F35540-3	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	68.9
Project:	HOLMN		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	78%		41-123%
321-60-8	2-Fluorobiphenyl	73%		46-122%
1718-51-0	Terphenyl-d14	77%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB01-64,72		
Lab Sample ID:	F35540-3	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8015 SW846 5030A	**Percent Solids:**	68.9
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	HH017119.D	1	10/18/05	AB	10/07/05 13:30	n/a	GHH779
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.17 g	5.0 ml	10.0 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	167	93	46	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	118%		62-135%
98-08-8	aaa-Trifluorotoluene	83%		65-118%

(a) Sample was received in a bulk container and preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB01-64,72		
Lab Sample ID:	F35540-3	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	68.9
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	IJ26420.D	2	10/22/05	ME	10/19/05	OP14738	GIJ1246
Run #2							

	Initial Weight	Final Volume
Run #1	30.3 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	81.4	24	14	mg/kg	
	TPH (> C22-C36)	ND	24	14	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	57%		57-115%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB06-4,12		
Lab Sample ID:	F35540-4	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8260B SW846 5030A	**Percent Solids:**	67.7
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0035229.D	1	10/18/05	JG	10/07/05 13:30	n/a	VG1356
Run #2							

	Initial Weight
Run #1	4.85 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	76	38	ug/kg	
75-05-8	Acetonitrile	ND	76	30	ug/kg	
107-02-8	Acrolein	ND	38	19	ug/kg	
107-13-1	Acrylonitrile	ND	38	19	ug/kg	
107-05-1	Allyl chloride	ND	38	7.6	ug/kg	
71-43-2	Benzene	ND	7.6	3.0	ug/kg	
100-44-7	Benzyl Chloride	ND	7.6	3.8	ug/kg	
108-86-1	Bromobenzene	ND	7.6	3.0	ug/kg	
74-97-5	Bromochloromethane	ND	7.6	3.0	ug/kg	
75-27-4	Bromodichloromethane	ND	7.6	3.0	ug/kg	
75-25-2	Bromoform	ND	7.6	3.0	ug/kg	
104-51-8	n-Butylbenzene	ND	7.6	3.0	ug/kg	
135-98-8	sec-Butylbenzene	ND	7.6	3.0	ug/kg	
98-06-6	tert-Butylbenzene	ND	7.6	3.0	ug/kg	
108-90-7	Chlorobenzene	ND	7.6	3.0	ug/kg	
75-00-3	Chloroethane	ND	7.6	3.0	ug/kg	
67-66-3	Chloroform	ND	7.6	3.0	ug/kg	
544-10-5	1-Chlorohexane	ND	7.6	3.0	ug/kg	
95-49-8	o-Chlorotoluene	ND	7.6	3.0	ug/kg	
106-43-4	p-Chlorotoluene	ND	7.6	3.0	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	38	15	ug/kg	
75-15-0	Carbon disulfide	ND	7.6	3.0	ug/kg	
56-23-5	Carbon tetrachloride	ND	7.6	3.0	ug/kg	
75-34-3	1,1-Dichloroethane	ND	7.6	3.0	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	7.6	3.0	ug/kg	
563-58-6	1,1-Dichloropropene	ND	7.6	3.0	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	7.6	3.0	ug/kg	
106-93-4	1,2-Dibromoethane	ND	7.6	3.0	ug/kg	
107-06-2	1,2-Dichloroethane	ND	7.6	3.0	ug/kg	
78-87-5	1,2-Dichloropropane	ND	7.6	3.0	ug/kg	
142-28-9	1,3-Dichloropropane	ND	7.6	3.0	ug/kg	
594-20-7	2,2-Dichloropropane	ND	7.6	3.0	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB06-4,12		
Lab Sample ID:	F35540-4	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8260B SW846 5030A	**Percent Solids:**	67.7
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	7.6	3.0	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	7.6	4.6	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	7.6	3.0	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	7.6	3.0	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	38		ug/kg	
541-73-1	m-Dichlorobenzene	ND	7.6	3.0	ug/kg	
95-50-1	o-Dichlorobenzene	ND	7.6	3.0	ug/kg	
106-46-7	p-Dichlorobenzene	ND	7.6	3.0	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	7.6	3.0	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	7.6	3.0	ug/kg	
100-41-4	Ethylbenzene	ND	7.6	3.0	ug/kg	
97-63-2	Ethyl methacrylate	ND	38	7.6	ug/kg	
76-13-1	Freon 113	ND	7.6	3.0	ug/kg	
591-78-6	2-Hexanone	ND	38	15	ug/kg	
87-68-3	Hexachlorobutadiene	ND	7.6	3.0	ug/kg	
110-54-3	Hexane	ND	7.6	3.0	ug/kg	
98-82-8	Isopropylbenzene	ND	7.6	3.0	ug/kg	
99-87-6	p-Isopropyltoluene	ND	7.6	3.0	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	38	15	ug/kg	
126-98-7	Methacrylonitrile	ND	38	15	ug/kg	
74-83-9	Methyl bromide	ND	7.6	3.0	ug/kg	
74-87-3	Methyl chloride	ND	7.6	3.0	ug/kg	
74-88-4	Methyl iodide	ND	15	3.0	ug/kg	
80-62-6	Methyl methacrylate	ND	38	7.6	ug/kg	
74-95-3	Methylene bromide	ND	7.6	3.0	ug/kg	
75-09-2	Methylene chloride	ND	15	7.6	ug/kg	
78-93-3	Methyl ethyl ketone	ND	38	15	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	7.6	3.0	ug/kg	
91-20-3	Naphthalene	ND	7.6	3.0	ug/kg	
76-01-7	Pentachloroethane	ND	38	7.6	ug/kg	
107-12-0	Propionitrile	ND	76	15	ug/kg	
103-65-1	n-Propylbenzene	ND	7.6	3.0	ug/kg	
100-42-5	Styrene	ND	7.6	3.0	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	7.6	3.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	7.6	3.0	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	7.6	3.0	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	7.6	3.0	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	7.6	3.0	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	7.6	3.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	7.6	3.0	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB06-4,12		
Lab Sample ID:	F35540-4	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8260B SW846 5030A	**Percent Solids:**	67.7
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	7.6	3.0	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	7.6	3.0	ug/kg	
127-18-4	Tetrachloroethylene	42.6	7.6	3.0	ug/kg	
108-88-3	Toluene	ND	7.6	3.0	ug/kg	
79-01-6	Trichloroethylene	ND	7.6	3.0	ug/kg	
75-69-4	Trichlorofluoromethane	ND	7.6	3.0	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	38	15	ug/kg	
75-01-4	Vinyl chloride	ND	7.6	3.0	ug/kg	
108-05-4	Vinyl Acetate	ND	38	15	ug/kg	
	m,p-Xylene	ND	15	3.8	ug/kg	
95-47-6	o-Xylene	ND	7.6	3.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		78-123%
2037-26-5	Toluene-D8	95%		71-137%
460-00-4	4-Bromofluorobenzene	101%		61-157%
17060-07-0	1,2-Dichloroethane-D4	102%		74-125%

(a) Sample was received in a bulk container but was not preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB06-4,12		
Lab Sample ID:	F35540-4	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	67.7
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L028182.D	1	10/14/05	NJ	10/12/05	OP14662	SL1476
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1200	490	ug/kg	
95-57-8	2-Chlorophenol	ND	250	49	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	250	49	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	250	49	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	250	49	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1200	490	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	490	98	ug/kg	
95-48-7	2-Methylphenol	ND	250	49	ug/kg	
	3&4-Methylphenol	ND	250	49	ug/kg	
88-75-5	2-Nitrophenol	ND	250	49	ug/kg	
100-02-7	4-Nitrophenol	ND	1200	490	ug/kg	
87-86-5	Pentachlorophenol	ND	1200	490	ug/kg	
108-95-2	Phenol	ND	250	49	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	250	49	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	250	49	ug/kg	
83-32-9	Acenaphthene	ND	250	49	ug/kg	
208-96-8	Acenaphthylene	ND	250	49	ug/kg	
120-12-7	Anthracene	ND	250	49	ug/kg	
92-87-5	Benzidine	ND	2500	1200	ug/kg	
56-55-3	Benzo(a)anthracene	ND	250	49	ug/kg	
50-32-8	Benzo(a)pyrene	ND	250	49	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	250	49	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	250	98	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	250	49	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	250	49	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	490	120	ug/kg	
100-51-6	Benzyl Alcohol	ND	250	49	ug/kg	
91-58-7	2-Chloronaphthalene	ND	250	49	ug/kg	
106-47-8	4-Chloroaniline	ND	490	200	ug/kg	
218-01-9	Chrysene	ND	250	49	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	250	49	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	250	98	ug/kg	

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B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB06-4,12		
Lab Sample ID:	F35540-4	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	67.7
Project:	HOLMN		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	250	49	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	250	49	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	250	49	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	250	49	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	250	49	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	250	98	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	250	98	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	490	250	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	250	98	ug/kg	
132-64-9	Dibenzofuran	ND	250	49	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	490	120	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	490	250	ug/kg	
84-66-2	Diethyl phthalate	ND	490	120	ug/kg	
131-11-3	Dimethyl phthalate	ND	490	120	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	490	250	ug/kg	
206-44-0	Fluoranthene	ND	250	49	ug/kg	
86-73-7	Fluorene	ND	250	49	ug/kg	
118-74-1	Hexachlorobenzene	ND	250	49	ug/kg	
87-68-3	Hexachlorobutadiene	ND	250	98	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	250	98	ug/kg	
67-72-1	Hexachloroethane	ND	250	98	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	250	98	ug/kg	
78-59-1	Isophorone	ND	250	49	ug/kg	
91-57-6	2-Methylnaphthalene	ND	250	49	ug/kg	
88-74-4	2-Nitroaniline	ND	490	120	ug/kg	
99-09-2	3-Nitroaniline	ND	490	120	ug/kg	
100-01-6	4-Nitroaniline	ND	490	170	ug/kg	
91-20-3	Naphthalene	ND	250	49	ug/kg	
98-95-3	Nitrobenzene	ND	250	49	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	250	98	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	250	49	ug/kg	
85-01-8	Phenanthrene	ND	250	49	ug/kg	
129-00-0	Pyrene	ND	250	98	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	250	49	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	60%		45-114%
4165-62-2	Phenol-d5	61%		44-124%
118-79-6	2,4,6-Tribromophenol	71%		50-128%

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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB06-4,12		
Lab Sample ID:	F35540-4	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	67.7
Project:	HOLMN		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	60%		41-123%
321-60-8	2-Fluorobiphenyl	66%		46-122%
1718-51-0	Terphenyl-d14	68%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB06-4,12		
Lab Sample ID:	F35540-4	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8015 SW846 5030A	**Percent Solids:**	67.7
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	HH017120.D	1	10/18/05	AB	10/07/05 13:30	n/a	GHH779
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	4.93 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	9.9	4.9	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	95%		62-135%
98-08-8	aaa-Trifluorotoluene	85%		65-118%

(a) Sample was received in a bulk container and preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB06-4,12		
Lab Sample ID:	F35540-4	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	67.7
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	IJ26237.D	1	10/15/05	SD	10/10/05	OP14639	GIJ1242
Run #2							

	Initial Weight	Final Volume
Run #1	31.0 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	12	7.1	mg/kg	
	TPH (> C22-C36)	ND	12	7.1	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	57%		57-115%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB06-27,40		
Lab Sample ID:	F35540-5	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8260B SW846 5030A	**Percent Solids:**	69.4
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0035230.D	1	10/18/05	JG	10/07/05 13:30	n/a	VG1356
Run #2							

	Initial Weight
Run #1	5.39 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	67	33	ug/kg	
75-05-8	Acetonitrile	ND	67	27	ug/kg	
107-02-8	Acrolein	ND	33	17	ug/kg	
107-13-1	Acrylonitrile	ND	33	17	ug/kg	
107-05-1	Allyl chloride	ND	33	6.7	ug/kg	
71-43-2	Benzene	ND	6.7	2.7	ug/kg	
100-44-7	Benzyl Chloride	ND	6.7	3.3	ug/kg	
108-86-1	Bromobenzene	ND	6.7	2.7	ug/kg	
74-97-5	Bromochloromethane	ND	6.7	2.7	ug/kg	
75-27-4	Bromodichloromethane	ND	6.7	2.7	ug/kg	
75-25-2	Bromoform	ND	6.7	2.7	ug/kg	
104-51-8	n-Butylbenzene	ND	6.7	2.7	ug/kg	
135-98-8	sec-Butylbenzene	ND	6.7	2.7	ug/kg	
98-06-6	tert-Butylbenzene	ND	6.7	2.7	ug/kg	
108-90-7	Chlorobenzene	ND	6.7	2.7	ug/kg	
75-00-3	Chloroethane	ND	6.7	2.7	ug/kg	
67-66-3	Chloroform	ND	6.7	2.7	ug/kg	
544-10-5	1-Chlorohexane	ND	6.7	2.7	ug/kg	
95-49-8	o-Chlorotoluene	ND	6.7	2.7	ug/kg	
106-43-4	p-Chlorotoluene	ND	6.7	2.7	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	33	13	ug/kg	
75-15-0	Carbon disulfide	ND	6.7	2.7	ug/kg	
56-23-5	Carbon tetrachloride	ND	6.7	2.7	ug/kg	
75-34-3	1,1-Dichloroethane	ND	6.7	2.7	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	6.7	2.7	ug/kg	
563-58-6	1,1-Dichloropropene	ND	6.7	2.7	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	6.7	2.7	ug/kg	
106-93-4	1,2-Dibromoethane	ND	6.7	2.7	ug/kg	
107-06-2	1,2-Dichloroethane	ND	6.7	2.7	ug/kg	
78-87-5	1,2-Dichloropropane	ND	6.7	2.7	ug/kg	
142-28-9	1,3-Dichloropropane	ND	6.7	2.7	ug/kg	
594-20-7	2,2-Dichloropropane	ND	6.7	2.7	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB06-27,40		
Lab Sample ID:	F35540-5	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8260B SW846 5030A	**Percent Solids:**	69.4
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	6.7	2.7	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.7	4.0	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	6.7	2.7	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	6.7	2.7	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	33		ug/kg	
541-73-1	m-Dichlorobenzene	ND	6.7	2.7	ug/kg	
95-50-1	o-Dichlorobenzene	ND	6.7	2.7	ug/kg	
106-46-7	p-Dichlorobenzene	ND	6.7	2.7	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	6.7	2.7	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	6.7	2.7	ug/kg	
100-41-4	Ethylbenzene	ND	6.7	2.7	ug/kg	
97-63-2	Ethyl methacrylate	ND	33	6.7	ug/kg	
76-13-1	Freon 113	ND	6.7	2.7	ug/kg	
591-78-6	2-Hexanone	ND	33	13	ug/kg	
87-68-3	Hexachlorobutadiene	ND	6.7	2.7	ug/kg	
110-54-3	Hexane	ND	6.7	2.7	ug/kg	
98-82-8	Isopropylbenzene	ND	6.7	2.7	ug/kg	
99-87-6	p-Isopropyltoluene	ND	6.7	2.7	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	33	13	ug/kg	
126-98-7	Methacrylonitrile	ND	33	13	ug/kg	
74-83-9	Methyl bromide	ND	6.7	2.7	ug/kg	
74-87-3	Methyl chloride	ND	6.7	2.7	ug/kg	
74-88-4	Methyl iodide	ND	13	2.7	ug/kg	
80-62-6	Methyl methacrylate	ND	33	6.7	ug/kg	
74-95-3	Methylene bromide	ND	6.7	2.7	ug/kg	
75-09-2	Methylene chloride	ND	13	6.7	ug/kg	
78-93-3	Methyl ethyl ketone	ND	33	13	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	6.7	2.7	ug/kg	
91-20-3	Naphthalene	ND	6.7	2.7	ug/kg	
76-01-7	Pentachloroethane	ND	33	6.7	ug/kg	
107-12-0	Propionitrile	ND	67	13	ug/kg	
103-65-1	n-Propylbenzene	ND	6.7	2.7	ug/kg	
100-42-5	Styrene	ND	6.7	2.7	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	6.7	2.7	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	6.7	2.7	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6.7	2.7	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	6.7	2.7	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.7	2.7	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	6.7	2.7	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.7	2.7	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB06-27,40		
Lab Sample ID:	F35540-5	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8260B SW846 5030A	**Percent Solids:**	69.4
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	6.7	2.7	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	6.7	2.7	ug/kg	
127-18-4	Tetrachloroethylene	ND	6.7	2.7	ug/kg	
108-88-3	Toluene	ND	6.7	2.7	ug/kg	
79-01-6	Trichloroethylene	ND	6.7	2.7	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.7	2.7	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	33	13	ug/kg	
75-01-4	Vinyl chloride	ND	6.7	2.7	ug/kg	
108-05-4	Vinyl Acetate	ND	33	13	ug/kg	
	m,p-Xylene	ND	13	3.3	ug/kg	
95-47-6	o-Xylene	ND	6.7	2.7	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		78-123%
2037-26-5	Toluene-D8	96%		71-137%
460-00-4	4-Bromofluorobenzene	93%		61-157%
17060-07-0	1,2-Dichloroethane-D4	91%		74-125%

(a) Sample was received in a bulk container but was not preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB06-27,40		
Lab Sample ID:	F35540-5	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	69.4
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L028183.D	1	10/14/05	NJ	10/12/05	OP14662	SL1476
Run #2							

	Initial Weight	Final Volume
Run #1	30.7 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1200	470	ug/kg	
95-57-8	2-Chlorophenol	ND	230	47	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	230	47	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	230	47	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	230	47	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1200	470	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	470	94	ug/kg	
95-48-7	2-Methylphenol	ND	230	47	ug/kg	
	3&4-Methylphenol	ND	230	47	ug/kg	
88-75-5	2-Nitrophenol	ND	230	47	ug/kg	
100-02-7	4-Nitrophenol	ND	1200	470	ug/kg	
87-86-5	Pentachlorophenol	ND	1200	470	ug/kg	
108-95-2	Phenol	ND	230	47	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	230	47	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	230	47	ug/kg	
83-32-9	Acenaphthene	ND	230	47	ug/kg	
208-96-8	Acenaphthylene	ND	230	47	ug/kg	
120-12-7	Anthracene	ND	230	47	ug/kg	
92-87-5	Benzidine	ND	2300	1200	ug/kg	
56-55-3	Benzo(a)anthracene	ND	230	47	ug/kg	
50-32-8	Benzo(a)pyrene	ND	230	47	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	230	47	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	230	94	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	230	47	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	230	47	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	470	120	ug/kg	
100-51-6	Benzyl Alcohol	ND	230	47	ug/kg	
91-58-7	2-Chloronaphthalene	ND	230	47	ug/kg	
106-47-8	4-Chloroaniline	ND	470	190	ug/kg	
218-01-9	Chrysene	ND	230	47	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	230	47	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	230	94	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB06-27,40		
Lab Sample ID:	F35540-5	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	69.4
Project:	HOLMN		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	230	47	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	230	47	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	230	47	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	230	47	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	230	47	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	230	94	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	230	94	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	470	230	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	230	94	ug/kg	
132-64-9	Dibenzofuran	ND	230	47	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	470	120	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	470	230	ug/kg	
84-66-2	Diethyl phthalate	ND	470	120	ug/kg	
131-11-3	Dimethyl phthalate	ND	470	120	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	470	230	ug/kg	
206-44-0	Fluoranthene	ND	230	47	ug/kg	
86-73-7	Fluorene	ND	230	47	ug/kg	
118-74-1	Hexachlorobenzene	ND	230	47	ug/kg	
87-68-3	Hexachlorobutadiene	ND	230	94	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	230	94	ug/kg	
67-72-1	Hexachloroethane	ND	230	94	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	230	94	ug/kg	
78-59-1	Isophorone	ND	230	47	ug/kg	
91-57-6	2-Methylnaphthalene	ND	230	47	ug/kg	
88-74-4	2-Nitroaniline	ND	470	120	ug/kg	
99-09-2	3-Nitroaniline	ND	470	120	ug/kg	
100-01-6	4-Nitroaniline	ND	470	160	ug/kg	
91-20-3	Naphthalene	ND	230	47	ug/kg	
98-95-3	Nitrobenzene	ND	230	47	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	230	94	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	230	47	ug/kg	
85-01-8	Phenanthrene	ND	230	47	ug/kg	
129-00-0	Pyrene	ND	230	94	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	230	47	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	76%		45-114%
4165-62-2	Phenol-d5	76%		44-124%
118-79-6	2,4,6-Tribromophenol	88%		50-128%

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B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB06-27,40		
Lab Sample ID:	F35540-5	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	69.4
Project:	HOLMN		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	73%		41-123%
321-60-8	2-Fluorobiphenyl	78%		46-122%
1718-51-0	Terphenyl-d14	81%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB06-27,40		
Lab Sample ID:	F35540-5	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8015 SW846 5030A	**Percent Solids:**	69.4
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	HH017121.D	1	10/18/05	AB	10/07/05 13:30	n/a	GHH779
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.16 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	9.2	4.6	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	98%		62-135%
98-08-8	aaa-Trifluorotoluene	86%		65-118%

(a) Sample was received in a bulk container and preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB06-27,40		
Lab Sample ID:	F35540-5	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	69.4
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	IJ26238.D	1	10/15/05	SD	10/10/05	OP14639	GIJ1242
Run #2							

	Initial Weight	Final Volume
Run #1	30.7 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	12	7.0	mg/kg	
	TPH (> C22-C36)	ND	12	7.0	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	58%		57-115%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB06-62,70		
Lab Sample ID:	F35540-6	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8260B SW846 5030A	**Percent Solids:**	71.3
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0035231.D	1	10/18/05	JG	10/07/05 13:30	n/a	VG1356
Run #2							

	Initial Weight
Run #1	5.16 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	68	34	ug/kg	
75-05-8	Acetonitrile	ND	68	27	ug/kg	
107-02-8	Acrolein	ND	34	17	ug/kg	
107-13-1	Acrylonitrile	ND	34	17	ug/kg	
107-05-1	Allyl chloride	ND	34	6.8	ug/kg	
71-43-2	Benzene	ND	6.8	2.7	ug/kg	
100-44-7	Benzyl Chloride	ND	6.8	3.4	ug/kg	
108-86-1	Bromobenzene	ND	6.8	2.7	ug/kg	
74-97-5	Bromochloromethane	ND	6.8	2.7	ug/kg	
75-27-4	Bromodichloromethane	ND	6.8	2.7	ug/kg	
75-25-2	Bromoform	ND	6.8	2.7	ug/kg	
104-51-8	n-Butylbenzene	ND	6.8	2.7	ug/kg	
135-98-8	sec-Butylbenzene	ND	6.8	2.7	ug/kg	
98-06-6	tert-Butylbenzene	ND	6.8	2.7	ug/kg	
108-90-7	Chlorobenzene	ND	6.8	2.7	ug/kg	
75-00-3	Chloroethane	ND	6.8	2.7	ug/kg	
67-66-3	Chloroform	ND	6.8	2.7	ug/kg	
544-10-5	1-Chlorohexane	ND	6.8	2.7	ug/kg	
95-49-8	o-Chlorotoluene	ND	6.8	2.7	ug/kg	
106-43-4	p-Chlorotoluene	ND	6.8	2.7	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	34	14	ug/kg	
75-15-0	Carbon disulfide	4.5	6.8	2.7	ug/kg	J
56-23-5	Carbon tetrachloride	ND	6.8	2.7	ug/kg	
75-34-3	1,1-Dichloroethane	ND	6.8	2.7	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	6.8	2.7	ug/kg	
563-58-6	1,1-Dichloropropene	ND	6.8	2.7	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	6.8	2.7	ug/kg	
106-93-4	1,2-Dibromoethane	ND	6.8	2.7	ug/kg	
107-06-2	1,2-Dichloroethane	ND	6.8	2.7	ug/kg	
78-87-5	1,2-Dichloropropane	ND	6.8	2.7	ug/kg	
142-28-9	1,3-Dichloropropane	ND	6.8	2.7	ug/kg	
594-20-7	2,2-Dichloropropane	ND	6.8	2.7	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB06-62,70		
Lab Sample ID:	F35540-6	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8260B SW846 5030A	**Percent Solids:**	71.3
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	6.8	2.7	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.8	4.1	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	6.8	2.7	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	6.8	2.7	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	34		ug/kg	
541-73-1	m-Dichlorobenzene	ND	6.8	2.7	ug/kg	
95-50-1	o-Dichlorobenzene	ND	6.8	2.7	ug/kg	
106-46-7	p-Dichlorobenzene	ND	6.8	2.7	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	6.8	2.7	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	6.8	2.7	ug/kg	
100-41-4	Ethylbenzene	ND	6.8	2.7	ug/kg	
97-63-2	Ethyl methacrylate	ND	34	6.8	ug/kg	
76-13-1	Freon 113	ND	6.8	2.7	ug/kg	
591-78-6	2-Hexanone	ND	34	14	ug/kg	
87-68-3	Hexachlorobutadiene	ND	6.8	2.7	ug/kg	
110-54-3	Hexane	ND	6.8	2.7	ug/kg	
98-82-8	Isopropylbenzene	ND	6.8	2.7	ug/kg	
99-87-6	p-Isopropyltoluene	ND	6.8	2.7	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	34	14	ug/kg	
126-98-7	Methacrylonitrile	ND	34	14	ug/kg	
74-83-9	Methyl bromide	ND	6.8	2.7	ug/kg	
74-87-3	Methyl chloride	ND	6.8	2.7	ug/kg	
74-88-4	Methyl iodide	ND	14	2.7	ug/kg	
80-62-6	Methyl methacrylate	ND	34	6.8	ug/kg	
74-95-3	Methylene bromide	ND	6.8	2.7	ug/kg	
75-09-2	Methylene chloride	ND	14	6.8	ug/kg	
78-93-3	Methyl ethyl ketone	ND	34	14	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	6.8	2.7	ug/kg	
91-20-3	Naphthalene	ND	6.8	2.7	ug/kg	
76-01-7	Pentachloroethane	ND	34	6.8	ug/kg	
107-12-0	Propionitrile	ND	68	14	ug/kg	
103-65-1	n-Propylbenzene	ND	6.8	2.7	ug/kg	
100-42-5	Styrene	ND	6.8	2.7	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	6.8	2.7	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	6.8	2.7	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6.8	2.7	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	6.8	2.7	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.8	2.7	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	6.8	2.7	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.8	2.7	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB06-62,70		
Lab Sample ID:	F35540-6	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8260B SW846 5030A	**Percent Solids:**	71.3
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	6.8	2.7	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	6.8	2.7	ug/kg	
127-18-4	Tetrachloroethylene	ND	6.8	2.7	ug/kg	
108-88-3	Toluene	ND	6.8	2.7	ug/kg	
79-01-6	Trichloroethylene	ND	6.8	2.7	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.8	2.7	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	34	14	ug/kg	
75-01-4	Vinyl chloride	ND	6.8	2.7	ug/kg	
108-05-4	Vinyl Acetate	ND	34	14	ug/kg	
	m,p-Xylene	ND	14	3.4	ug/kg	
95-47-6	o-Xylene	ND	6.8	2.7	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		78-123%
2037-26-5	Toluene-D8	96%		71-137%
460-00-4	4-Bromofluorobenzene	100%		61-157%
17060-07-0	1,2-Dichloroethane-D4	93%		74-125%

(a) Sample was received in a bulk container but was not preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB06-62,70		
Lab Sample ID:	F35540-6	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	71.3
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L028184.D	1	10/14/05	NJ	10/12/05	OP14662	SL1476
Run #2							

	Initial Weight	Final Volume
Run #1	30.6 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1100	460	ug/kg	
95-57-8	2-Chlorophenol	ND	230	46	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	230	46	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	230	46	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	230	46	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1100	460	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	460	92	ug/kg	
95-48-7	2-Methylphenol	ND	230	46	ug/kg	
	3&4-Methylphenol	ND	230	46	ug/kg	
88-75-5	2-Nitrophenol	ND	230	46	ug/kg	
100-02-7	4-Nitrophenol	ND	1100	460	ug/kg	
87-86-5	Pentachlorophenol	ND	1100	460	ug/kg	
108-95-2	Phenol	ND	230	46	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	230	46	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	230	46	ug/kg	
83-32-9	Acenaphthene	ND	230	46	ug/kg	
208-96-8	Acenaphthylene	ND	230	46	ug/kg	
120-12-7	Anthracene	ND	230	46	ug/kg	
92-87-5	Benzidine	ND	2300	1100	ug/kg	
56-55-3	Benzo(a)anthracene	ND	230	46	ug/kg	
50-32-8	Benzo(a)pyrene	ND	230	46	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	230	46	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	230	92	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	230	46	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	230	46	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	460	110	ug/kg	
100-51-6	Benzyl Alcohol	ND	230	46	ug/kg	
91-58-7	2-Chloronaphthalene	ND	230	46	ug/kg	
106-47-8	4-Chloroaniline	ND	460	180	ug/kg	
218-01-9	Chrysene	ND	230	46	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	230	46	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	230	92	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB06-62,70		
Lab Sample ID:	F35540-6	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	71.3
Project:	HOLMN		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	230	46	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	230	46	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	230	46	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	230	46	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	230	46	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	230	92	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	230	92	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	460	230	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	230	92	ug/kg	
132-64-9	Dibenzofuran	ND	230	46	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	460	110	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	460	230	ug/kg	
84-66-2	Diethyl phthalate	ND	460	110	ug/kg	
131-11-3	Dimethyl phthalate	ND	460	110	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	460	230	ug/kg	
206-44-0	Fluoranthene	ND	230	46	ug/kg	
86-73-7	Fluorene	ND	230	46	ug/kg	
118-74-1	Hexachlorobenzene	ND	230	46	ug/kg	
87-68-3	Hexachlorobutadiene	ND	230	92	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	230	92	ug/kg	
67-72-1	Hexachloroethane	ND	230	92	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	230	92	ug/kg	
78-59-1	Isophorone	ND	230	46	ug/kg	
91-57-6	2-Methylnaphthalene	ND	230	46	ug/kg	
88-74-4	2-Nitroaniline	ND	460	110	ug/kg	
99-09-2	3-Nitroaniline	ND	460	110	ug/kg	
100-01-6	4-Nitroaniline	ND	460	160	ug/kg	
91-20-3	Naphthalene	ND	230	46	ug/kg	
98-95-3	Nitrobenzene	ND	230	46	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	230	92	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	230	46	ug/kg	
85-01-8	Phenanthrene	ND	230	46	ug/kg	
129-00-0	Pyrene	ND	230	92	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	230	46	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	73%		45-114%
4165-62-2	Phenol-d5	73%		44-124%
118-79-6	2,4,6-Tribromophenol	84%		50-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB06-62,70		
Lab Sample ID:	F35540-6	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	71.3
Project:	HOLMN		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	68%		41-123%
321-60-8	2-Fluorobiphenyl	74%		46-122%
1718-51-0	Terphenyl-d14	80%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB06-62,70		
Lab Sample ID:	F35540-6	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8015 SW846 5030A	**Percent Solids:**	71.3
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	HH017122.D	1	10/18/05	AB	10/07/05 13:30	n/a	GHH779
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.19 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	8.8	4.4	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	97%		62-135%
98-08-8	aaa-Trifluorotoluene	86%		65-118%

(a) Sample was received in a bulk container and preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB06-62,70		
Lab Sample ID:	F35540-6	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	71.3
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	IJ26239.D	1	10/15/05	SD	10/10/05	OP14639	GIJ1242
Run #2							

	Initial Weight	Final Volume
Run #1	30.4 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	12	6.9	mg/kg	
	TPH (> C22-C36)	ND	12	6.9	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	70%		57-115%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB07-9,20		
Lab Sample ID:	F35540-7	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8260B SW846 5030A	**Percent Solids:**	69.6
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0035262.D	1	10/19/05	JG	10/07/05 13:30	n/a	VG1357
Run #2							

	Initial Weight
Run #1	5.31 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	68	34	ug/kg	
75-05-8	Acetonitrile	ND	68	27	ug/kg	
107-02-8	Acrolein	ND	34	17	ug/kg	
107-13-1	Acrylonitrile	ND	34	17	ug/kg	
107-05-1	Allyl chloride	ND	34	6.8	ug/kg	
71-43-2	Benzene	ND	6.8	2.7	ug/kg	
100-44-7	Benzyl Chloride	ND	6.8	3.4	ug/kg	
108-86-1	Bromobenzene	ND	6.8	2.7	ug/kg	
74-97-5	Bromochloromethane	ND	6.8	2.7	ug/kg	
75-27-4	Bromodichloromethane	ND	6.8	2.7	ug/kg	
75-25-2	Bromoform	ND	6.8	2.7	ug/kg	
104-51-8	n-Butylbenzene	ND	6.8	2.7	ug/kg	
135-98-8	sec-Butylbenzene	ND	6.8	2.7	ug/kg	
98-06-6	tert-Butylbenzene	ND	6.8	2.7	ug/kg	
108-90-7	Chlorobenzene	ND	6.8	2.7	ug/kg	
75-00-3	Chloroethane	ND	6.8	2.7	ug/kg	
67-66-3	Chloroform	ND	6.8	2.7	ug/kg	
544-10-5	1-Chlorohexane	ND	6.8	2.7	ug/kg	
95-49-8	o-Chlorotoluene	ND	6.8	2.7	ug/kg	
106-43-4	p-Chlorotoluene	ND	6.8	2.7	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	34	14	ug/kg	
75-15-0	Carbon disulfide	ND	6.8	2.7	ug/kg	
56-23-5	Carbon tetrachloride	ND	6.8	2.7	ug/kg	
75-34-3	1,1-Dichloroethane	ND	6.8	2.7	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	6.8	2.7	ug/kg	
563-58-6	1,1-Dichloropropene	ND	6.8	2.7	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	6.8	2.7	ug/kg	
106-93-4	1,2-Dibromoethane	ND	6.8	2.7	ug/kg	
107-06-2	1,2-Dichloroethane	ND	6.8	2.7	ug/kg	
78-87-5	1,2-Dichloropropane	ND	6.8	2.7	ug/kg	
142-28-9	1,3-Dichloropropane	ND	6.8	2.7	ug/kg	
594-20-7	2,2-Dichloropropane	ND	6.8	2.7	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB07-9,20		
Lab Sample ID:	F35540-7	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8260B SW846 5030A	**Percent Solids:**	69.6
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	6.8	2.7	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.8	4.1	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	6.8	2.7	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	6.8	2.7	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	34		ug/kg	
541-73-1	m-Dichlorobenzene	ND	6.8	2.7	ug/kg	
95-50-1	o-Dichlorobenzene	ND	6.8	2.7	ug/kg	
106-46-7	p-Dichlorobenzene	ND	6.8	2.7	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	6.8	2.7	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	6.8	2.7	ug/kg	
100-41-4	Ethylbenzene	ND	6.8	2.7	ug/kg	
97-63-2	Ethyl methacrylate	ND	34	6.8	ug/kg	
76-13-1	Freon 113	ND	6.8	2.7	ug/kg	
591-78-6	2-Hexanone	ND	34	14	ug/kg	
87-68-3	Hexachlorobutadiene	ND	6.8	2.7	ug/kg	
110-54-3	Hexane	ND	6.8	2.7	ug/kg	
98-82-8	Isopropylbenzene	ND	6.8	2.7	ug/kg	
99-87-6	p-Isopropyltoluene	ND	6.8	2.7	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	34	14	ug/kg	
126-98-7	Methacrylonitrile	ND	34	14	ug/kg	
74-83-9	Methyl bromide	ND	6.8	2.7	ug/kg	
74-87-3	Methyl chloride	ND	6.8	2.7	ug/kg	
74-88-4	Methyl iodide	ND	14	2.7	ug/kg	
80-62-6	Methyl methacrylate	ND	34	6.8	ug/kg	
74-95-3	Methylene bromide	ND	6.8	2.7	ug/kg	
75-09-2	Methylene chloride	ND	14	6.8	ug/kg	
78-93-3	Methyl ethyl ketone	ND	34	14	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	6.8	2.7	ug/kg	
91-20-3	Naphthalene	4.3	6.8	2.7	ug/kg	JB
76-01-7	Pentachloroethane	ND	34	6.8	ug/kg	
107-12-0	Propionitrile	ND	68	14	ug/kg	
103-65-1	n-Propylbenzene	ND	6.8	2.7	ug/kg	
100-42-5	Styrene	ND	6.8	2.7	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	6.8	2.7	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	6.8	2.7	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6.8	2.7	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	6.8	2.7	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.8	2.7	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	6.8	2.7	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.8	2.7	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB07-9,20		
Lab Sample ID:	F35540-7	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8260B SW846 5030A	**Percent Solids:**	69.6
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	6.8	2.7	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	6.8	2.7	ug/kg	
127-18-4	Tetrachloroethylene	ND	6.8	2.7	ug/kg	
108-88-3	Toluene	ND	6.8	2.7	ug/kg	
79-01-6	Trichloroethylene	ND	6.8	2.7	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.8	2.7	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	34	14	ug/kg	
75-01-4	Vinyl chloride	ND	6.8	2.7	ug/kg	
108-05-4	Vinyl Acetate	ND	34	14	ug/kg	
	m,p-Xylene	ND	14	3.4	ug/kg	
95-47-6	o-Xylene	ND	6.8	2.7	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		78-123%
2037-26-5	Toluene-D8	97%		71-137%
460-00-4	4-Bromofluorobenzene	86%		61-157%
17060-07-0	1,2-Dichloroethane-D4	92%		74-125%

(a) Sample was received in a bulk container but was not preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB07-9,20		
Lab Sample ID:	F35540-7	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	69.6
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L028185.D	1	10/14/05	NJ	10/12/05	OP14662	SL1476
Run #2							

	Initial Weight	Final Volume
Run #1	30.7 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1200	470	ug/kg	
95-57-8	2-Chlorophenol	ND	230	47	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	230	47	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	230	47	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	230	47	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1200	470	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	470	94	ug/kg	
95-48-7	2-Methylphenol	ND	230	47	ug/kg	
	3&4-Methylphenol	ND	230	47	ug/kg	
88-75-5	2-Nitrophenol	ND	230	47	ug/kg	
100-02-7	4-Nitrophenol	ND	1200	470	ug/kg	
87-86-5	Pentachlorophenol	ND	1200	470	ug/kg	
108-95-2	Phenol	ND	230	47	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	230	47	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	230	47	ug/kg	
83-32-9	Acenaphthene	ND	230	47	ug/kg	
208-96-8	Acenaphthylene	ND	230	47	ug/kg	
120-12-7	Anthracene	ND	230	47	ug/kg	
92-87-5	Benzidine	ND	2300	1200	ug/kg	
56-55-3	Benzo(a)anthracene	ND	230	47	ug/kg	
50-32-8	Benzo(a)pyrene	ND	230	47	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	230	47	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	230	94	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	230	47	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	230	47	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	470	120	ug/kg	
100-51-6	Benzyl Alcohol	ND	230	47	ug/kg	
91-58-7	2-Chloronaphthalene	ND	230	47	ug/kg	
106-47-8	4-Chloroaniline	ND	470	190	ug/kg	
218-01-9	Chrysene	ND	230	47	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	230	47	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	230	94	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB07-9,20		
Lab Sample ID:	F35540-7	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	69.6
Project:	HOLMN		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	230	47	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	230	47	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	230	47	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	230	47	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	230	47	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	230	94	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	230	94	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	470	230	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	230	94	ug/kg	
132-64-9	Dibenzofuran	ND	230	47	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	470	120	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	470	230	ug/kg	
84-66-2	Diethyl phthalate	ND	470	120	ug/kg	
131-11-3	Dimethyl phthalate	ND	470	120	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	470	230	ug/kg	
206-44-0	Fluoranthene	ND	230	47	ug/kg	
86-73-7	Fluorene	ND	230	47	ug/kg	
118-74-1	Hexachlorobenzene	ND	230	47	ug/kg	
87-68-3	Hexachlorobutadiene	ND	230	94	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	230	94	ug/kg	
67-72-1	Hexachloroethane	ND	230	94	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	230	94	ug/kg	
78-59-1	Isophorone	ND	230	47	ug/kg	
91-57-6	2-Methylnaphthalene	ND	230	47	ug/kg	
88-74-4	2-Nitroaniline	ND	470	120	ug/kg	
99-09-2	3-Nitroaniline	ND	470	120	ug/kg	
100-01-6	4-Nitroaniline	ND	470	160	ug/kg	
91-20-3	Naphthalene	ND	230	47	ug/kg	
98-95-3	Nitrobenzene	ND	230	47	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	230	94	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	230	47	ug/kg	
85-01-8	Phenanthrene	ND	230	47	ug/kg	
129-00-0	Pyrene	ND	230	94	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	230	47	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	70%		45-114%
4165-62-2	Phenol-d5	73%		44-124%
118-79-6	2,4,6-Tribromophenol	77%		50-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB07-9,20		
Lab Sample ID:	F35540-7	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	69.6
Project:	HOLMN		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	67%		41-123%
321-60-8	2-Fluorobiphenyl	71%		46-122%
1718-51-0	Terphenyl-d14	78%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB07-9,20		
Lab Sample ID:	F35540-7	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8015 SW846 5030A	**Percent Solids:**	69.6
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	HH017125.D	1	10/18/05	AB	10/07/05 13:30	n/a	GHH779
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.09 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	9.2	4.6	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	97%		62-135%
98-08-8	aaa-Trifluorotoluene	83%		65-118%

(a) Sample was received in a bulk container and preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB07-9,20		
Lab Sample ID:	F35540-7	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	69.6
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	IJ26278.D	1	10/17/05	SD	10/10/05	OP14639	GIJ1243
Run #2							

	Initial Weight	Final Volume
Run #1	30.5 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	7.50	12	7.1	mg/kg	J
	TPH (> C22-C36)	ND	12	7.1	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	65%		57-115%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB07-4,9		
Lab Sample ID:	F35540-8	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8260B SW846 5030A	**Percent Solids:**	69.6
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0035232.D	1	10/18/05	JG	10/07/05 14:10	n/a	VG1356
Run #2							

	Initial Weight
Run #1	5.18 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	69	35	ug/kg	
75-05-8	Acetonitrile	ND	69	28	ug/kg	
107-02-8	Acrolein	ND	35	17	ug/kg	
107-13-1	Acrylonitrile	ND	35	17	ug/kg	
107-05-1	Allyl chloride	ND	35	6.9	ug/kg	
71-43-2	Benzene	ND	6.9	2.8	ug/kg	
100-44-7	Benzyl Chloride	ND	6.9	3.5	ug/kg	
108-86-1	Bromobenzene	ND	6.9	2.8	ug/kg	
74-97-5	Bromochloromethane	ND	6.9	2.8	ug/kg	
75-27-4	Bromodichloromethane	ND	6.9	2.8	ug/kg	
75-25-2	Bromoform	ND	6.9	2.8	ug/kg	
104-51-8	n-Butylbenzene	ND	6.9	2.8	ug/kg	
135-98-8	sec-Butylbenzene	ND	6.9	2.8	ug/kg	
98-06-6	tert-Butylbenzene	ND	6.9	2.8	ug/kg	
108-90-7	Chlorobenzene	ND	6.9	2.8	ug/kg	
75-00-3	Chloroethane	ND	6.9	2.8	ug/kg	
67-66-3	Chloroform	ND	6.9	2.8	ug/kg	
544-10-5	1-Chlorohexane	ND	6.9	2.8	ug/kg	
95-49-8	o-Chlorotoluene	ND	6.9	2.8	ug/kg	
106-43-4	p-Chlorotoluene	ND	6.9	2.8	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	35	14	ug/kg	
75-15-0	Carbon disulfide	ND	6.9	2.8	ug/kg	
56-23-5	Carbon tetrachloride	ND	6.9	2.8	ug/kg	
75-34-3	1,1-Dichloroethane	ND	6.9	2.8	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	6.9	2.8	ug/kg	
563-58-6	1,1-Dichloropropene	ND	6.9	2.8	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	6.9	2.8	ug/kg	
106-93-4	1,2-Dibromoethane	ND	6.9	2.8	ug/kg	
107-06-2	1,2-Dichloroethane	ND	6.9	2.8	ug/kg	
78-87-5	1,2-Dichloropropane	ND	6.9	2.8	ug/kg	
142-28-9	1,3-Dichloropropane	ND	6.9	2.8	ug/kg	
594-20-7	2,2-Dichloropropane	ND	6.9	2.8	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB07-4,9		
Lab Sample ID:	F35540-8	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8260B SW846 5030A	**Percent Solids:**	69.6
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	6.9	2.8	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.9	4.2	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	6.9	2.8	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	6.9	2.8	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	35		ug/kg	
541-73-1	m-Dichlorobenzene	ND	6.9	2.8	ug/kg	
95-50-1	o-Dichlorobenzene	ND	6.9	2.8	ug/kg	
106-46-7	p-Dichlorobenzene	ND	6.9	2.8	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	6.9	2.8	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	6.9	2.8	ug/kg	
100-41-4	Ethylbenzene	ND	6.9	2.8	ug/kg	
97-63-2	Ethyl methacrylate	ND	35	6.9	ug/kg	
76-13-1	Freon 113	ND	6.9	2.8	ug/kg	
591-78-6	2-Hexanone	ND	35	14	ug/kg	
87-68-3	Hexachlorobutadiene	ND	6.9	2.8	ug/kg	
110-54-3	Hexane	ND	6.9	2.8	ug/kg	
98-82-8	Isopropylbenzene	ND	6.9	2.8	ug/kg	
99-87-6	p-Isopropyltoluene	ND	6.9	2.8	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	35	14	ug/kg	
126-98-7	Methacrylonitrile	ND	35	14	ug/kg	
74-83-9	Methyl bromide	ND	6.9	2.8	ug/kg	
74-87-3	Methyl chloride	ND	6.9	2.8	ug/kg	
74-88-4	Methyl iodide	ND	14	2.8	ug/kg	
80-62-6	Methyl methacrylate	ND	35	6.9	ug/kg	
74-95-3	Methylene bromide	ND	6.9	2.8	ug/kg	
75-09-2	Methylene chloride	ND	14	6.9	ug/kg	
78-93-3	Methyl ethyl ketone	ND	35	14	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	6.9	2.8	ug/kg	
91-20-3	Naphthalene	ND	6.9	2.8	ug/kg	
76-01-7	Pentachloroethane	ND	35	6.9	ug/kg	
107-12-0	Propionitrile	ND	69	14	ug/kg	
103-65-1	n-Propylbenzene	ND	6.9	2.8	ug/kg	
100-42-5	Styrene	ND	6.9	2.8	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	6.9	2.8	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	6.9	2.8	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6.9	2.8	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	6.9	2.8	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.9	2.8	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	6.9	2.8	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.9	2.8	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB07-4,9		
Lab Sample ID:	F35540-8	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8260B SW846 5030A	**Percent Solids:**	69.6
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	6.9	2.8	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	6.9	2.8	ug/kg	
127-18-4	Tetrachloroethylene	ND	6.9	2.8	ug/kg	
108-88-3	Toluene	ND	6.9	2.8	ug/kg	
79-01-6	Trichloroethylene	ND	6.9	2.8	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.9	2.8	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	35	14	ug/kg	
75-01-4	Vinyl chloride	ND	6.9	2.8	ug/kg	
108-05-4	Vinyl Acetate	ND	35	14	ug/kg	
	m,p-Xylene	ND	14	3.5	ug/kg	
95-47-6	o-Xylene	ND	6.9	2.8	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		78-123%
2037-26-5	Toluene-D8	95%		71-137%
460-00-4	4-Bromofluorobenzene	96%		61-157%
17060-07-0	1,2-Dichloroethane-D4	97%		74-125%

(a) Sample was received in a bulk container but was not preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB07-4,9		
Lab Sample ID:	F35540-8	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	69.6
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L028186.D	1	10/14/05	NJ	10/12/05	OP14662	SL1476
Run #2							

	Initial Weight	Final Volume
Run #1	30.6 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1200	470	ug/kg	
95-57-8	2-Chlorophenol	ND	230	47	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	230	47	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	230	47	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	230	47	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1200	470	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	470	94	ug/kg	
95-48-7	2-Methylphenol	ND	230	47	ug/kg	
	3&4-Methylphenol	ND	230	47	ug/kg	
88-75-5	2-Nitrophenol	ND	230	47	ug/kg	
100-02-7	4-Nitrophenol	ND	1200	470	ug/kg	
87-86-5	Pentachlorophenol	ND	1200	470	ug/kg	
108-95-2	Phenol	ND	230	47	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	230	47	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	230	47	ug/kg	
83-32-9	Acenaphthene	ND	230	47	ug/kg	
208-96-8	Acenaphthylene	ND	230	47	ug/kg	
120-12-7	Anthracene	ND	230	47	ug/kg	
92-87-5	Benzidine	ND	2300	1200	ug/kg	
56-55-3	Benzo(a)anthracene	ND	230	47	ug/kg	
50-32-8	Benzo(a)pyrene	ND	230	47	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	230	47	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	230	94	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	230	47	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	230	47	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	470	120	ug/kg	
100-51-6	Benzyl Alcohol	ND	230	47	ug/kg	
91-58-7	2-Chloronaphthalene	ND	230	47	ug/kg	
106-47-8	4-Chloroaniline	ND	470	190	ug/kg	
218-01-9	Chrysene	ND	230	47	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	230	47	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	230	94	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB07-4,9		
Lab Sample ID:	F35540-8	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	69.6
Project:	HOLMN		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	230	47	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	230	47	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	230	47	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	230	47	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	230	47	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	230	94	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	230	94	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	470	230	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	230	94	ug/kg	
132-64-9	Dibenzofuran	ND	230	47	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	470	120	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	470	230	ug/kg	
84-66-2	Diethyl phthalate	ND	470	120	ug/kg	
131-11-3	Dimethyl phthalate	ND	470	120	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	470	230	ug/kg	
206-44-0	Fluoranthene	ND	230	47	ug/kg	
86-73-7	Fluorene	ND	230	47	ug/kg	
118-74-1	Hexachlorobenzene	ND	230	47	ug/kg	
87-68-3	Hexachlorobutadiene	ND	230	94	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	230	94	ug/kg	
67-72-1	Hexachloroethane	ND	230	94	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	230	94	ug/kg	
78-59-1	Isophorone	ND	230	47	ug/kg	
91-57-6	2-Methylnaphthalene	ND	230	47	ug/kg	
88-74-4	2-Nitroaniline	ND	470	120	ug/kg	
99-09-2	3-Nitroaniline	ND	470	120	ug/kg	
100-01-6	4-Nitroaniline	ND	470	160	ug/kg	
91-20-3	Naphthalene	ND	230	47	ug/kg	
98-95-3	Nitrobenzene	ND	230	47	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	230	94	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	230	47	ug/kg	
85-01-8	Phenanthrene	ND	230	47	ug/kg	
129-00-0	Pyrene	ND	230	94	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	230	47	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	69%		45-114%
4165-62-2	Phenol-d5	70%		44-124%
118-79-6	2,4,6-Tribromophenol	83%		50-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB07-4,9		
Lab Sample ID:	F35540-8	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	69.6
Project:	HOLMN		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	65%		41-123%
321-60-8	2-Fluorobiphenyl	69%		46-122%
1718-51-0	Terphenyl-d14	77%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB07-4,9		
Lab Sample ID:	F35540-8	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8015 SW846 5030A	**Percent Solids:**	69.6
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	HH017126.D	1	10/18/05	AB	10/07/05 14:10	n/a	GHH779
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.38 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	8.9	4.4	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	94%		62-135%
98-08-8	aaa-Trifluorotoluene	84%		65-118%

(a) Sample was received in a bulk container and preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB07-4,9		
Lab Sample ID:	F35540-8	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	69.6
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	IJ26243.D	1	10/15/05	SD	10/10/05	OP14639	GIJ1242
Run #2							

	Initial Weight	Final Volume
Run #1	30.3 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	12	7.1	mg/kg	
	TPH (> C22-C36)	ND	12	7.1	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	57%		57-115%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB07-52,56		
Lab Sample ID:	F35540-9	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8260B SW846 5030A	**Percent Solids:**	74.8
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0035266.D	1	10/19/05	JG	10/07/05 14:20	n/a	VG1357
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.44 g	5.0 ml	100 ul
Run #2			

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	3900	2000	ug/kg	
75-05-8	Acetonitrile	ND	3900	1600	ug/kg	
107-02-8	Acrolein	ND	2000	980	ug/kg	
107-13-1	Acrylonitrile	ND	2000	980	ug/kg	
107-05-1	Allyl chloride	ND	2000	390	ug/kg	
71-43-2	Benzene	ND	390	160	ug/kg	
100-44-7	Benzyl Chloride	ND	390	200	ug/kg	
108-86-1	Bromobenzene	ND	390	160	ug/kg	
74-97-5	Bromochloromethane	ND	390	160	ug/kg	
75-27-4	Bromodichloromethane	ND	390	160	ug/kg	
75-25-2	Bromoform	ND	390	160	ug/kg	
104-51-8	n-Butylbenzene	1870	390	160	ug/kg	
135-98-8	sec-Butylbenzene	3430	390	160	ug/kg	
98-06-6	tert-Butylbenzene	ND	390	160	ug/kg	
108-90-7	Chlorobenzene	ND	390	160	ug/kg	
75-00-3	Chloroethane	ND	390	160	ug/kg	
67-66-3	Chloroform	ND	390	160	ug/kg	
544-10-5	1-Chlorohexane	ND	390	160	ug/kg	
95-49-8	o-Chlorotoluene	ND	390	160	ug/kg	
106-43-4	p-Chlorotoluene	ND	390	160	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	2000	780	ug/kg	
75-15-0	Carbon disulfide	ND	390	160	ug/kg	
56-23-5	Carbon tetrachloride	ND	390	160	ug/kg	
75-34-3	1,1-Dichloroethane	ND	390	160	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	390	160	ug/kg	
563-58-6	1,1-Dichloropropene	ND	390	160	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	390	160	ug/kg	
106-93-4	1,2-Dibromoethane	ND	390	160	ug/kg	
107-06-2	1,2-Dichloroethane	ND	390	160	ug/kg	
78-87-5	1,2-Dichloropropane	ND	390	160	ug/kg	
142-28-9	1,3-Dichloropropane	ND	390	160	ug/kg	
594-20-7	2,2-Dichloropropane	ND	390	160	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB07-52,56		
Lab Sample ID:	F35540-9	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8260B SW846 5030A	**Percent Solids:**	74.8
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	390	160	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	390	230	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	390	160	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	390	160	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	2000		ug/kg	
541-73-1	m-Dichlorobenzene	ND	390	160	ug/kg	
95-50-1	o-Dichlorobenzene	ND	390	160	ug/kg	
106-46-7	p-Dichlorobenzene	ND	390	160	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	390	160	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	390	160	ug/kg	
100-41-4	Ethylbenzene	990	390	160	ug/kg	
97-63-2	Ethyl methacrylate	ND	2000	390	ug/kg	
76-13-1	Freon 113	ND	390	160	ug/kg	
591-78-6	2-Hexanone	ND	2000	780	ug/kg	
87-68-3	Hexachlorobutadiene	ND	390	160	ug/kg	
110-54-3	Hexane	ND	390	160	ug/kg	
98-82-8	Isopropylbenzene	1410	390	160	ug/kg	
99-87-6	p-Isopropyltoluene	711	390	160	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	2000	780	ug/kg	
126-98-7	Methacrylonitrile	ND	2000	780	ug/kg	
74-83-9	Methyl bromide	ND	390	160	ug/kg	
74-87-3	Methyl chloride	ND	390	160	ug/kg	
74-88-4	Methyl iodide	ND	780	160	ug/kg	
80-62-6	Methyl methacrylate	ND	2000	390	ug/kg	
74-95-3	Methylene bromide	ND	390	160	ug/kg	
75-09-2	Methylene chloride	ND	780	390	ug/kg	
78-93-3	Methyl ethyl ketone	ND	2000	780	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	390	160	ug/kg	
91-20-3	Naphthalene	ND	390	160	ug/kg	
76-01-7	Pentachloroethane	ND	2000	390	ug/kg	
107-12-0	Propionitrile	ND	3900	780	ug/kg	
103-65-1	n-Propylbenzene	2440	390	160	ug/kg	
100-42-5	Styrene	ND	390	160	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	390	160	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	390	160	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	390	160	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	390	160	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	390	160	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	390	160	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	390	160	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB07-52,56		
Lab Sample ID:	F35540-9	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8260B SW846 5030A	**Percent Solids:**	74.8
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	532	390	160	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	390	160	ug/kg	
127-18-4	Tetrachloroethylene	ND	390	160	ug/kg	
108-88-3	Toluene	ND	390	160	ug/kg	
79-01-6	Trichloroethylene	ND	390	160	ug/kg	
75-69-4	Trichlorofluoromethane	ND	390	160	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	2000	780	ug/kg	
75-01-4	Vinyl chloride	ND	390	160	ug/kg	
108-05-4	Vinyl Acetate	ND	2000	780	ug/kg	
	m,p-Xylene	ND	780	200	ug/kg	
95-47-6	o-Xylene	ND	390	160	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		78-123%
2037-26-5	Toluene-D8	94%		71-137%
460-00-4	4-Bromofluorobenzene	129%		61-157%
17060-07-0	1,2-Dichloroethane-D4	99%		74-125%

(a) Sample was received in a bulk container but was not preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB07-52,56		
Lab Sample ID:	F35540-9	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	74.8
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L028187.D	1	10/14/05	NJ	10/12/05	OP14662	SL1476
Run #2							

	Initial Weight	Final Volume
Run #1	30.8 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1100	430	ug/kg	
95-57-8	2-Chlorophenol	ND	220	43	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	220	43	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	220	43	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	220	220	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1100	430	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	430	87	ug/kg	
95-48-7	2-Methylphenol	ND	220	43	ug/kg	
	3&4-Methylphenol	ND	220	43	ug/kg	
88-75-5	2-Nitrophenol	ND	220	43	ug/kg	
100-02-7	4-Nitrophenol	ND	1100	430	ug/kg	
87-86-5	Pentachlorophenol	ND	1100	430	ug/kg	
108-95-2	Phenol	ND	220	43	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	220	43	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	220	43	ug/kg	
83-32-9	Acenaphthene	ND	220	43	ug/kg	
208-96-8	Acenaphthylene	ND	220	43	ug/kg	
120-12-7	Anthracene	ND	220	43	ug/kg	
92-87-5	Benzidine	ND	2200	1100	ug/kg	
56-55-3	Benzo(a)anthracene	ND	220	43	ug/kg	
50-32-8	Benzo(a)pyrene	ND	220	43	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	220	43	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	220	87	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	220	43	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	220	43	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	430	110	ug/kg	
100-51-6	Benzyl Alcohol	ND	220	43	ug/kg	
91-58-7	2-Chloronaphthalene	ND	220	43	ug/kg	
106-47-8	4-Chloroaniline	ND	430	170	ug/kg	
218-01-9	Chrysene	ND	220	43	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	220	43	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	220	87	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB07-52,56		
Lab Sample ID:	F35540-9	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	74.8
Project:	HOLMN		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	220	43	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	220	43	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	220	43	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	220	43	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	220	43	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	220	87	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	220	87	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	430	220	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	220	87	ug/kg	
132-64-9	Dibenzofuran	159	220	43	ug/kg	J
84-74-2	Di-n-butyl phthalate	ND	430	110	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	430	220	ug/kg	
84-66-2	Diethyl phthalate	ND	430	110	ug/kg	
131-11-3	Dimethyl phthalate	ND	430	110	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	430	220	ug/kg	
206-44-0	Fluoranthene	ND	220	43	ug/kg	
86-73-7	Fluorene	53.5	220	43	ug/kg	J
118-74-1	Hexachlorobenzene	ND	220	43	ug/kg	
87-68-3	Hexachlorobutadiene	ND	220	87	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	220	87	ug/kg	
67-72-1	Hexachloroethane	ND	220	87	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	220	87	ug/kg	
78-59-1	Isophorone	ND	220	43	ug/kg	
91-57-6	2-Methylnaphthalene	ND	220	43	ug/kg	
88-74-4	2-Nitroaniline	ND	430	110	ug/kg	
99-09-2	3-Nitroaniline	ND	430	110	ug/kg	
100-01-6	4-Nitroaniline	ND	430	150	ug/kg	
91-20-3	Naphthalene	ND	220	220	ug/kg	
98-95-3	Nitrobenzene	ND	220	43	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	220	87	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	220	43	ug/kg	
85-01-8	Phenanthrene	ND	220	43	ug/kg	
129-00-0	Pyrene	ND	220	87	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	220	43	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	78%		45-114%
4165-62-2	Phenol-d5	77%		44-124%
118-79-6	2,4,6-Tribromophenol	79%		50-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB07-52,56		
Lab Sample ID:	F35540-9	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	74.8
Project:	HOLMN		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	81%		41-123%
321-60-8	2-Fluorobiphenyl	74%		46-122%
1718-51-0	Terphenyl-d14	75%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB07-52,56		
Lab Sample ID:	F35540-9	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8015 SW846 5030A	**Percent Solids:**	74.8
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	HH017127.D	1	10/18/05	AB	10/07/05 14:20	n/a	GHH779
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.44 g	5.0 ml	10.0 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	319	78	39	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	107% [b]		62-135%
460-00-4	4-Bromofluorobenzene	151% [c]		62-135%
98-08-8	aaa-Trifluorotoluene	81%		65-118%

(a) Sample was received in a bulk container and preserved within 48 hours of sampling.
(b) Result reported from PID.
(c) Outside control limits due to matrix interference.

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB07-52,56		
Lab Sample ID:	F35540-9	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	74.8
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	IJ26279.D	10	10/17/05	SD	10/10/05	OP14639	GIJ1243
Run #2							

	Initial Weight	Final Volume
Run #1	30.2 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	528	110	66	mg/kg	
	TPH (> C22-C36)	ND	110	66	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	87%		57-115%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB04-4,9		
Lab Sample ID:	F35540-10	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8260B SW846 5030A	**Percent Solids:**	75.4
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0035234.D	1	10/18/05	JG	10/07/05 14:20	n/a	VG1356
Run #2 [b]	G0035372.D	1	10/25/05	JG	10/07/05 14:20	n/a	VG1361

	Initial Weight
Run #1	4.88 g
Run #2	4.66 g

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	68	34	ug/kg	
75-05-8	Acetonitrile	ND	68	27	ug/kg	
107-02-8	Acrolein	ND	34	17	ug/kg	
107-13-1	Acrylonitrile	ND	34	17	ug/kg	
107-05-1	Allyl chloride	ND	34	6.8	ug/kg	
71-43-2	Benzene	ND	6.8	2.7	ug/kg	
100-44-7	Benzyl Chloride	ND	6.8	3.4	ug/kg	
108-86-1	Bromobenzene	ND	6.8	2.7	ug/kg	
74-97-5	Bromochloromethane	ND	6.8	2.7	ug/kg	
75-27-4	Bromodichloromethane	ND	6.8	2.7	ug/kg	
75-25-2	Bromoform	ND	6.8	2.7	ug/kg	
104-51-8	n-Butylbenzene	ND [c]	7.1	2.8	ug/kg	
135-98-8	sec-Butylbenzene	ND [c]	7.1	2.8	ug/kg	
98-06-6	tert-Butylbenzene	ND	6.8	2.7	ug/kg	
108-90-7	Chlorobenzene	ND	6.8	2.7	ug/kg	
75-00-3	Chloroethane	ND	6.8	2.7	ug/kg	
67-66-3	Chloroform	ND	6.8	2.7	ug/kg	
544-10-5	1-Chlorohexane	ND	6.8	2.7	ug/kg	
126-99-8	Chloroprene	ND	6.8	2.7	ug/kg	
95-49-8	o-Chlorotoluene	ND	6.8	2.7	ug/kg	
106-43-4	p-Chlorotoluene	ND	6.8	2.7	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	34	14	ug/kg	
75-15-0	Carbon disulfide	ND	6.8	2.7	ug/kg	
56-23-5	Carbon tetrachloride	ND	6.8	2.7	ug/kg	
75-34-3	1,1-Dichloroethane	ND	6.8	2.7	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	6.8	2.7	ug/kg	
563-58-6	1,1-Dichloropropene	ND	6.8	2.7	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	6.8	2.7	ug/kg	
106-93-4	1,2-Dibromoethane	ND	6.8	2.7	ug/kg	
107-06-2	1,2-Dichloroethane	ND	6.8	2.7	ug/kg	
78-87-5	1,2-Dichloropropane	ND	6.8	2.7	ug/kg	
142-28-9	1,3-Dichloropropane	ND	6.8	2.7	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB04-4,9		
Lab Sample ID:	F35540-10	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8260B SW846 5030A	**Percent Solids:**	75.4
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
594-20-7	2,2-Dichloropropane	ND	6.8	2.7	ug/kg	
124-48-1	Dibromochloromethane	ND	6.8	2.7	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.8	4.1	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	6.8	2.7	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	6.8	2.7	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	34		ug/kg	
541-73-1	m-Dichlorobenzene	ND	6.8	2.7	ug/kg	
95-50-1	o-Dichlorobenzene	ND	6.8	2.7	ug/kg	
106-46-7	p-Dichlorobenzene	ND	6.8	2.7	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	6.8	2.7	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	6.8	2.7	ug/kg	
100-41-4	Ethylbenzene	ND	6.8	2.7	ug/kg	
97-63-2	Ethyl methacrylate	ND	34	6.8	ug/kg	
76-13-1	Freon 113	ND	6.8	2.7	ug/kg	
591-78-6	2-Hexanone	ND	34	14	ug/kg	
87-68-3	Hexachlorobutadiene	ND	6.8	2.7	ug/kg	
110-54-3	Hexane	ND	6.8	2.7	ug/kg	
98-82-8	Isopropylbenzene	ND	6.8	2.7	ug/kg	
99-87-6	p-Isopropyltoluene	ND	6.8	2.7	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	34	14	ug/kg	
126-98-7	Methacrylonitrile	ND	34	14	ug/kg	
74-83-9	Methyl bromide	ND	6.8	2.7	ug/kg	
74-87-3	Methyl chloride	ND	6.8	2.7	ug/kg	
74-88-4	Methyl iodide	ND	14	2.7	ug/kg	
80-62-6	Methyl methacrylate	ND	34	6.8	ug/kg	
74-95-3	Methylene bromide	ND	6.8	2.7	ug/kg	
75-09-2	Methylene chloride	ND	14	6.8	ug/kg	
78-93-3	Methyl ethyl ketone	ND	34	14	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	6.8	2.7	ug/kg	
91-20-3	Naphthalene	ND	6.8	2.7	ug/kg	
76-01-7	Pentachloroethane	ND	34	6.8	ug/kg	
107-12-0	Propionitrile	ND	68	14	ug/kg	
103-65-1	n-Propylbenzene	ND	6.8	2.7	ug/kg	
100-42-5	Styrene	ND	6.8	2.7	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	6.8	2.7	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	6.8	2.7	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6.8	2.7	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	6.8	2.7	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.8	2.7	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	6.8	2.7	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB04-4,9		
Lab Sample ID:	F35540-10	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8260B SW846 5030A	**Percent Solids:**	75.4
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
120-82-1	1,2,4-Trichlorobenzene	ND	6.8	2.7	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	6.8	2.7	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	6.8	2.7	ug/kg	
127-18-4	Tetrachloroethylene	ND	6.8	2.7	ug/kg	
108-88-3	Toluene	ND	6.8	2.7	ug/kg	
79-01-6	Trichloroethylene	ND	6.8	2.7	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.8	2.7	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	34	14	ug/kg	
75-01-4	Vinyl chloride	ND	6.8	2.7	ug/kg	
108-05-4	Vinyl Acetate	ND	34	14	ug/kg	
	m,p-Xylene	ND	14	3.4	ug/kg	
95-47-6	o-Xylene	ND	6.8	2.7	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	94%	95%	78-123%
2037-26-5	Toluene-D8	99%	89%	71-137%
460-00-4	4-Bromofluorobenzene	104%	89%	61-157%
17060-07-0	1,2-Dichloroethane-D4	98%	87%	74-125%

(a) Sample was received in a bulk container but was not preserved within 48 hours of sampling.
(b) Sample re-analyzed beyond hold time; reported results are considered minimum values.
(c) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB04-4,9		
Lab Sample ID:	F35540-10	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	75.4
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L028213.D	1	10/17/05	ME	10/12/05	OP14662	SL1478
Run #2							

	Initial Weight	Final Volume
Run #1	30.3 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1100	440	ug/kg	
95-57-8	2-Chlorophenol	ND	220	44	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	220	44	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	220	44	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	220	44	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1100	440	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	440	88	ug/kg	
95-48-7	2-Methylphenol	ND	220	44	ug/kg	
	3&4-Methylphenol	ND	220	44	ug/kg	
88-75-5	2-Nitrophenol	ND	220	44	ug/kg	
100-02-7	4-Nitrophenol	ND	1100	440	ug/kg	
87-86-5	Pentachlorophenol	ND	1100	440	ug/kg	
108-95-2	Phenol	ND	220	44	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	220	44	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	220	44	ug/kg	
83-32-9	Acenaphthene	ND	220	44	ug/kg	
208-96-8	Acenaphthylene	ND	220	44	ug/kg	
120-12-7	Anthracene	ND	220	44	ug/kg	
92-87-5	Benzidine	ND	2200	1100	ug/kg	
56-55-3	Benzo(a)anthracene	ND	220	44	ug/kg	
50-32-8	Benzo(a)pyrene	ND	220	44	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	220	44	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	220	88	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	220	44	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	220	44	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	440	110	ug/kg	
100-51-6	Benzyl Alcohol	ND	220	44	ug/kg	
91-58-7	2-Chloronaphthalene	ND	220	44	ug/kg	
106-47-8	4-Chloroaniline	ND	440	180	ug/kg	
218-01-9	Chrysene	ND	220	44	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	220	44	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	220	88	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB04-4,9		
Lab Sample ID:	F35540-10	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	75.4
Project:	HOLMN		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	220	44	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	220	44	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	220	44	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	220	44	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	220	44	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	220	88	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	220	88	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	440	220	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	220	88	ug/kg	
132-64-9	Dibenzofuran	ND	220	44	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	440	110	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	440	220	ug/kg	
84-66-2	Diethyl phthalate	1150	440	110	ug/kg	
131-11-3	Dimethyl phthalate	ND	440	110	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	440	220	ug/kg	
206-44-0	Fluoranthene	ND	220	44	ug/kg	
86-73-7	Fluorene	ND	220	44	ug/kg	
118-74-1	Hexachlorobenzene	ND	220	44	ug/kg	
87-68-3	Hexachlorobutadiene	ND	220	88	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	220	88	ug/kg	
67-72-1	Hexachloroethane	ND	220	88	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	220	88	ug/kg	
78-59-1	Isophorone	ND	220	44	ug/kg	
91-57-6	2-Methylnaphthalene	ND	220	44	ug/kg	
88-74-4	2-Nitroaniline	ND	440	110	ug/kg	
99-09-2	3-Nitroaniline	ND	440	110	ug/kg	
100-01-6	4-Nitroaniline	ND	440	150	ug/kg	
91-20-3	Naphthalene	ND	220	44	ug/kg	
98-95-3	Nitrobenzene	ND	220	44	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	220	88	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	220	44	ug/kg	
85-01-8	Phenanthrene	ND	220	44	ug/kg	
129-00-0	Pyrene	ND	220	88	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	220	44	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	64%		45-114%
4165-62-2	Phenol-d5	65%		44-124%
118-79-6	2,4,6-Tribromophenol	72%		50-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB04-4,9		
Lab Sample ID:	F35540-10	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	75.4
Project:	HOLMN		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	62%		41-123%
321-60-8	2-Fluorobiphenyl	68%		46-122%
1718-51-0	Terphenyl-d14	66%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB04-4,9		
Lab Sample ID:	F35540-10	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8015 SW846 5030A	**Percent Solids:**	75.4
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	HH017128.D	1	10/18/05	AB	10/07/05 14:20	n/a	GHH779
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.13 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	8.1	4.0	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	96%		62-135%
98-08-8	aaa-Trifluorotoluene	82%		65-118%

(a) Sample was received in a bulk container and preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB04-4,9		
Lab Sample ID:	F35540-10	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	75.4
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	IJ26280.D	1	10/17/05	SD	10/10/05	OP14639	GIJ1243
Run #2 [a]	IJ26394.D	1	10/21/05	ME	10/19/05	OP14738	GIJ1246

	Initial Weight	Final Volume
Run #1	30.4 g	1.0 ml
Run #2	30.2 g	1.0 ml

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	11	6.5	mg/kg	
	TPH (> C22-C36)	ND	11	6.5	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	55% [b]	46%	57-115%

(a) Confirmation run.
(b) Confirmed by re-extraction and reanalysis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB04-24,33		
Lab Sample ID:	F35540-11	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8260B SW846 5030A	**Percent Solids:**	72.4
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0035235.D	1	10/18/05	JG	10/07/05 14:20	n/a	VG1356
Run #2							

	Initial Weight
Run #1	6.14 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	56	28	ug/kg	
75-05-8	Acetonitrile	ND	56	22	ug/kg	
107-02-8	Acrolein	ND	28	14	ug/kg	
107-13-1	Acrylonitrile	ND	28	14	ug/kg	
107-05-1	Allyl chloride	ND	28	5.6	ug/kg	
71-43-2	Benzene	ND	5.6	2.2	ug/kg	
100-44-7	Benzyl Chloride	ND	5.6	2.8	ug/kg	
108-86-1	Bromobenzene	ND	5.6	2.2	ug/kg	
74-97-5	Bromochloromethane	ND	5.6	2.2	ug/kg	
75-27-4	Bromodichloromethane	ND	5.6	2.2	ug/kg	
75-25-2	Bromoform	ND	5.6	2.2	ug/kg	
104-51-8	n-Butylbenzene	ND	5.6	2.2	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.6	2.2	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.6	2.2	ug/kg	
108-90-7	Chlorobenzene	ND	5.6	2.2	ug/kg	
75-00-3	Chloroethane	ND	5.6	2.2	ug/kg	
67-66-3	Chloroform	ND	5.6	2.2	ug/kg	
544-10-5	1-Chlorohexane	ND	5.6	2.2	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.6	2.2	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.6	2.2	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	28	11	ug/kg	
75-15-0	Carbon disulfide	ND	5.6	2.2	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.6	2.2	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.6	2.2	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	5.6	2.2	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.6	2.2	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.6	2.2	ug/kg	
106-93-4	1,2-Dibromoethane	ND	5.6	2.2	ug/kg	
107-06-2	1,2-Dichloroethane	ND	5.6	2.2	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.6	2.2	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.6	2.2	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.6	2.2	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB04-24,33		
Lab Sample ID:	F35540-11	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8260B SW846 5030A	**Percent Solids:**	72.4
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	5.6	2.2	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.6	3.4	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	5.6	2.2	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.6	2.2	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	28		ug/kg	
541-73-1	m-Dichlorobenzene	ND	5.6	2.2	ug/kg	
95-50-1	o-Dichlorobenzene	ND	5.6	2.2	ug/kg	
106-46-7	p-Dichlorobenzene	ND	5.6	2.2	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	5.6	2.2	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.6	2.2	ug/kg	
100-41-4	Ethylbenzene	ND	5.6	2.2	ug/kg	
97-63-2	Ethyl methacrylate	ND	28	5.6	ug/kg	
76-13-1	Freon 113	ND	5.6	2.2	ug/kg	
591-78-6	2-Hexanone	ND	28	11	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.6	2.2	ug/kg	
110-54-3	Hexane	ND	5.6	2.2	ug/kg	
98-82-8	Isopropylbenzene	ND	5.6	2.2	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.6	2.2	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	28	11	ug/kg	
126-98-7	Methacrylonitrile	ND	28	11	ug/kg	
74-83-9	Methyl bromide	ND	5.6	2.2	ug/kg	
74-87-3	Methyl chloride	ND	5.6	2.2	ug/kg	
74-88-4	Methyl iodide	ND	11	2.2	ug/kg	
80-62-6	Methyl methacrylate	ND	28	5.6	ug/kg	
74-95-3	Methylene bromide	ND	5.6	2.2	ug/kg	
75-09-2	Methylene chloride	ND	11	5.6	ug/kg	
78-93-3	Methyl ethyl ketone	ND	28	11	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.6	2.2	ug/kg	
91-20-3	Naphthalene	ND	5.6	2.2	ug/kg	
76-01-7	Pentachloroethane	ND	28	5.6	ug/kg	
107-12-0	Propionitrile	ND	56	11	ug/kg	
103-65-1	n-Propylbenzene	ND	5.6	2.2	ug/kg	
100-42-5	Styrene	ND	5.6	2.2	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.6	2.2	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.6	2.2	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.6	2.2	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.6	2.2	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.6	2.2	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.6	2.2	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.6	2.2	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB04-24,33		
Lab Sample ID:	F35540-11	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8260B SW846 5030A	**Percent Solids:**	72.4
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	5.6	2.2	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.6	2.2	ug/kg	
127-18-4	Tetrachloroethylene	ND	5.6	2.2	ug/kg	
108-88-3	Toluene	ND	5.6	2.2	ug/kg	
79-01-6	Trichloroethylene	ND	5.6	2.2	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.6	2.2	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	28	11	ug/kg	
75-01-4	Vinyl chloride	ND	5.6	2.2	ug/kg	
108-05-4	Vinyl Acetate	ND	28	11	ug/kg	
	m,p-Xylene	ND	11	2.8	ug/kg	
95-47-6	o-Xylene	ND	5.6	2.2	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		78-123%
2037-26-5	Toluene-D8	96%		71-137%
460-00-4	4-Bromofluorobenzene	102%		61-157%
17060-07-0	1,2-Dichloroethane-D4	100%		74-125%

(a) Sample was received in a bulk container but was not preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB04-24,33		
Lab Sample ID:	F35540-11	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	72.4
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L028214.D	1	10/17/05	ME	10/12/05	OP14662	SL1478
Run #2							

	Initial Weight	Final Volume
Run #1	30.4 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1100	450	ug/kg	
95-57-8	2-Chlorophenol	ND	230	45	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	230	45	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	230	45	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	230	45	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1100	450	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	450	91	ug/kg	
95-48-7	2-Methylphenol	ND	230	45	ug/kg	
	3&4-Methylphenol	ND	230	45	ug/kg	
88-75-5	2-Nitrophenol	ND	230	45	ug/kg	
100-02-7	4-Nitrophenol	ND	1100	450	ug/kg	
87-86-5	Pentachlorophenol	ND	1100	450	ug/kg	
108-95-2	Phenol	ND	230	45	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	230	45	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	230	45	ug/kg	
83-32-9	Acenaphthene	ND	230	45	ug/kg	
208-96-8	Acenaphthylene	ND	230	45	ug/kg	
120-12-7	Anthracene	ND	230	45	ug/kg	
92-87-5	Benzidine	ND	2300	1100	ug/kg	
56-55-3	Benzo(a)anthracene	ND	230	45	ug/kg	
50-32-8	Benzo(a)pyrene	ND	230	45	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	230	45	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	230	91	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	230	45	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	230	45	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	450	110	ug/kg	
100-51-6	Benzyl Alcohol	ND	230	45	ug/kg	
91-58-7	2-Chloronaphthalene	ND	230	45	ug/kg	
106-47-8	4-Chloroaniline	ND	450	180	ug/kg	
218-01-9	Chrysene	ND	230	45	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	230	45	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	230	91	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB04-24,33		
Lab Sample ID:	F35540-11	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	72.4
Project:	HOLMN		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	230	45	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	230	45	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	230	45	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	230	45	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	230	45	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	230	91	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	230	91	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	450	230	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	230	91	ug/kg	
132-64-9	Dibenzofuran	ND	230	45	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	450	110	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	450	230	ug/kg	
84-66-2	Diethyl phthalate	ND	450	110	ug/kg	
131-11-3	Dimethyl phthalate	ND	450	110	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	450	230	ug/kg	
206-44-0	Fluoranthene	ND	230	45	ug/kg	
86-73-7	Fluorene	ND	230	45	ug/kg	
118-74-1	Hexachlorobenzene	ND	230	45	ug/kg	
87-68-3	Hexachlorobutadiene	ND	230	91	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	230	91	ug/kg	
67-72-1	Hexachloroethane	ND	230	91	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	230	91	ug/kg	
78-59-1	Isophorone	ND	230	45	ug/kg	
91-57-6	2-Methylnaphthalene	ND	230	45	ug/kg	
88-74-4	2-Nitroaniline	ND	450	110	ug/kg	
99-09-2	3-Nitroaniline	ND	450	110	ug/kg	
100-01-6	4-Nitroaniline	ND	450	160	ug/kg	
91-20-3	Naphthalene	ND	230	45	ug/kg	
98-95-3	Nitrobenzene	ND	230	45	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	230	91	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	230	45	ug/kg	
85-01-8	Phenanthrene	ND	230	45	ug/kg	
129-00-0	Pyrene	ND	230	91	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	230	45	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	64%		45-114%
4165-62-2	Phenol-d5	66%		44-124%
118-79-6	2,4,6-Tribromophenol	70%		50-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB04-24,33		
Lab Sample ID:	F35540-11	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	72.4
Project:	HOLMN		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	64%		41-123%
321-60-8	2-Fluorobiphenyl	66%		46-122%
1718-51-0	Terphenyl-d14	67%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB04-24,33		
Lab Sample ID:	F35540-11	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8015 SW846 5030A	**Percent Solids:**	72.4
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	HH017129.D	1	10/18/05	AB	10/07/05 14:20	n/a	GHH779
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.37 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	8.3	4.2	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	95%		62-135%
98-08-8	aaa-Trifluorotoluene	82%		65-118%

(a) Sample was received in a bulk container and preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB04-24,33		
Lab Sample ID:	F35540-11	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	72.4
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	IJ26395.D	1	10/21/05	ME	10/19/05	OP14738	GIJ1246
Run #2							

	Initial Weight	Final Volume
Run #1	30.2 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	11	6.9	mg/kg	
	TPH (> C22-C36)	ND	11	6.9	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	59%		57-115%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB04-62,69		
Lab Sample ID:	F35540-12	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8260B SW846 5030A	**Percent Solids:**	73.6
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0035236.D	1	10/18/05	JG	10/07/05 14:20	n/a	VG1356
Run #2							

	Initial Weight
Run #1	5.58 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	61	30	ug/kg	
75-05-8	Acetonitrile	ND	61	24	ug/kg	
107-02-8	Acrolein	ND	30	15	ug/kg	
107-13-1	Acrylonitrile	ND	30	15	ug/kg	
107-05-1	Allyl chloride	ND	30	6.1	ug/kg	
71-43-2	Benzene	ND	6.1	2.4	ug/kg	
100-44-7	Benzyl Chloride	ND	6.1	3.0	ug/kg	
108-86-1	Bromobenzene	ND	6.1	2.4	ug/kg	
74-97-5	Bromochloromethane	ND	6.1	2.4	ug/kg	
75-27-4	Bromodichloromethane	ND	6.1	2.4	ug/kg	
75-25-2	Bromoform	ND	6.1	2.4	ug/kg	
104-51-8	n-Butylbenzene	ND	6.1	2.4	ug/kg	
135-98-8	sec-Butylbenzene	57.4	6.1	2.4	ug/kg	
98-06-6	tert-Butylbenzene	ND	6.1	2.4	ug/kg	
108-90-7	Chlorobenzene	ND	6.1	2.4	ug/kg	
75-00-3	Chloroethane	ND	6.1	2.4	ug/kg	
67-66-3	Chloroform	ND	6.1	2.4	ug/kg	
544-10-5	1-Chlorohexane	ND	6.1	2.4	ug/kg	
95-49-8	o-Chlorotoluene	ND	6.1	2.4	ug/kg	
106-43-4	p-Chlorotoluene	ND	6.1	2.4	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	30	12	ug/kg	
75-15-0	Carbon disulfide	5.8	6.1	2.4	ug/kg	J
56-23-5	Carbon tetrachloride	ND	6.1	2.4	ug/kg	
75-34-3	1,1-Dichloroethane	ND	6.1	2.4	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	6.1	2.4	ug/kg	
563-58-6	1,1-Dichloropropene	ND	6.1	2.4	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	6.1	2.4	ug/kg	
106-93-4	1,2-Dibromoethane	ND	6.1	2.4	ug/kg	
107-06-2	1,2-Dichloroethane	ND	6.1	2.4	ug/kg	
78-87-5	1,2-Dichloropropane	ND	6.1	2.4	ug/kg	
142-28-9	1,3-Dichloropropane	ND	6.1	2.4	ug/kg	
594-20-7	2,2-Dichloropropane	ND	6.1	2.4	ug/kg	

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E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB04-62,69		
Lab Sample ID:	F35540-12	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8260B SW846 5030A	**Percent Solids:**	73.6
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	6.1	2.4	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.1	3.7	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	6.1	2.4	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	6.1	2.4	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	30		ug/kg	
541-73-1	m-Dichlorobenzene	ND	6.1	2.4	ug/kg	
95-50-1	o-Dichlorobenzene	ND	6.1	2.4	ug/kg	
106-46-7	p-Dichlorobenzene	ND	6.1	2.4	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	6.1	2.4	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	6.1	2.4	ug/kg	
100-41-4	Ethylbenzene	9.4	6.1	2.4	ug/kg	
97-63-2	Ethyl methacrylate	ND	30	6.1	ug/kg	
76-13-1	Freon 113	ND	6.1	2.4	ug/kg	
591-78-6	2-Hexanone	ND	30	12	ug/kg	
87-68-3	Hexachlorobutadiene	ND	6.1	2.4	ug/kg	
110-54-3	Hexane	ND	6.1	2.4	ug/kg	
98-82-8	Isopropylbenzene	13.0	6.1	2.4	ug/kg	
99-87-6	p-Isopropyltoluene	ND	6.1	2.4	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	30	12	ug/kg	
126-98-7	Methacrylonitrile	ND	30	12	ug/kg	
74-83-9	Methyl bromide	ND	6.1	2.4	ug/kg	
74-87-3	Methyl chloride	ND	6.1	2.4	ug/kg	
74-88-4	Methyl iodide	ND	12	2.4	ug/kg	
80-62-6	Methyl methacrylate	ND	30	6.1	ug/kg	
74-95-3	Methylene bromide	ND	6.1	2.4	ug/kg	
75-09-2	Methylene chloride	ND	12	6.1	ug/kg	
78-93-3	Methyl ethyl ketone	ND	30	12	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	6.1	2.4	ug/kg	
91-20-3	Naphthalene	3.2	6.1	2.4	ug/kg	J
76-01-7	Pentachloroethane	ND	30	6.1	ug/kg	
107-12-0	Propionitrile	ND	61	12	ug/kg	
103-65-1	n-Propylbenzene	11.4	6.1	2.4	ug/kg	
100-42-5	Styrene	ND	6.1	2.4	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	6.1	2.4	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	6.1	2.4	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6.1	2.4	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	6.1	2.4	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.1	2.4	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	6.1	2.4	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.1	2.4	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB04-62,69		
Lab Sample ID:	F35540-12	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8260B SW846 5030A	**Percent Solids:**	73.6
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	4.7	6.1	2.4	ug/kg	J
108-67-8	1,3,5-Trimethylbenzene	ND	6.1	2.4	ug/kg	
127-18-4	Tetrachloroethylene	ND	6.1	2.4	ug/kg	
108-88-3	Toluene	ND	6.1	2.4	ug/kg	
79-01-6	Trichloroethylene	ND	6.1	2.4	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.1	2.4	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	30	12	ug/kg	
75-01-4	Vinyl chloride	ND	6.1	2.4	ug/kg	
108-05-4	Vinyl Acetate	ND	30	12	ug/kg	
	m,p-Xylene	ND	12	3.0	ug/kg	
95-47-6	o-Xylene	ND	6.1	2.4	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		78-123%
2037-26-5	Toluene-D8	97%		71-137%
460-00-4	4-Bromofluorobenzene	137%		61-157%
17060-07-0	1,2-Dichloroethane-D4	98%		74-125%

(a) Sample was received in a bulk container but was not preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB04-62,69		
Lab Sample ID:	F35540-12	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	73.6
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F012018.D	1	10/17/05	NJ	10/12/05	OP14667	SF656
Run #2							

	Initial Weight	Final Volume
Run #1	30.4 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1100	450	ug/kg	
95-57-8	2-Chlorophenol	ND	220	45	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	220	45	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	220	45	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	220	45	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1100	450	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	450	89	ug/kg	
95-48-7	2-Methylphenol	ND	220	45	ug/kg	
	3&4-Methylphenol	ND	220	45	ug/kg	
88-75-5	2-Nitrophenol	ND	220	45	ug/kg	
100-02-7	4-Nitrophenol	ND	1100	450	ug/kg	
87-86-5	Pentachlorophenol	ND	1100	450	ug/kg	
108-95-2	Phenol	ND	220	45	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	220	45	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	220	45	ug/kg	
83-32-9	Acenaphthene	ND	220	45	ug/kg	
208-96-8	Acenaphthylene	ND	220	45	ug/kg	
120-12-7	Anthracene	ND	220	45	ug/kg	
92-87-5	Benzidine	ND	2200	1100	ug/kg	
56-55-3	Benzo(a)anthracene	ND	220	45	ug/kg	
50-32-8	Benzo(a)pyrene	ND	220	45	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	220	45	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	220	89	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	220	45	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	220	45	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	450	110	ug/kg	
100-51-6	Benzyl Alcohol	ND	220	45	ug/kg	
91-58-7	2-Chloronaphthalene	ND	220	45	ug/kg	
106-47-8	4-Chloroaniline	ND	450	180	ug/kg	
218-01-9	Chrysene	ND	220	45	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	220	45	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	220	89	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB04-62,69		
Lab Sample ID:	F35540-12	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	73.6
Project:	HOLMN		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	220	45	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	220	45	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	220	45	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	220	45	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	220	45	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	220	89	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	220	89	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	450	220	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	220	89	ug/kg	
132-64-9	Dibenzofuran	ND	220	45	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	450	110	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	450	220	ug/kg	
84-66-2	Diethyl phthalate	ND	450	110	ug/kg	
131-11-3	Dimethyl phthalate	ND	450	110	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	450	220	ug/kg	
206-44-0	Fluoranthene	ND	220	45	ug/kg	
86-73-7	Fluorene	ND	220	45	ug/kg	
118-74-1	Hexachlorobenzene	ND	220	45	ug/kg	
87-68-3	Hexachlorobutadiene	ND	220	89	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	220	89	ug/kg	
67-72-1	Hexachloroethane	ND	220	89	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	220	89	ug/kg	
78-59-1	Isophorone	ND	220	45	ug/kg	
91-57-6	2-Methylnaphthalene	ND	220	45	ug/kg	
88-74-4	2-Nitroaniline	ND	450	110	ug/kg	
99-09-2	3-Nitroaniline	ND	450	110	ug/kg	
100-01-6	4-Nitroaniline	ND	450	160	ug/kg	
91-20-3	Naphthalene	ND	220	45	ug/kg	
98-95-3	Nitrobenzene	ND	220	45	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	220	89	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	220	45	ug/kg	
85-01-8	Phenanthrene	ND	220	45	ug/kg	
129-00-0	Pyrene	ND	220	89	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	220	45	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	67%		45-114%
4165-62-2	Phenol-d5	62%		44-124%
118-79-6	2,4,6-Tribromophenol	69%		50-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB04-62,69		
Lab Sample ID:	F35540-12	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	73.6
Project:	HOLMN		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	65%		41-123%
321-60-8	2-Fluorobiphenyl	67%		46-122%
1718-51-0	Terphenyl-d14	71%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB04-62,69		
Lab Sample ID:	F35540-12	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8015 SW846 5030A	**Percent Solids:**	73.6
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	HH017130.D	1	10/18/05	AB	10/07/05 14:20	n/a	GHH779
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.22 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	16.5	8.3	4.2	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	104% [b]		62-135%
460-00-4	4-Bromofluorobenzene	138% [c]		62-135%
98-08-8	aaa-Trifluorotoluene	82%		65-118%

(a) Sample was received in a bulk container and preserved within 48 hours of sampling.
(b) Result reported from PID.
(c) Outside control limits due to matrix interference.

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB04-62,69		
Lab Sample ID:	F35540-12	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	73.6
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	IJ26282.D	1	10/17/05	SD	10/10/05	OP14639	GIJ1243
Run #2							

	Initial Weight	Final Volume
Run #1	30.7 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	41.0	11	6.6	mg/kg	
	TPH (> C22-C36)	ND	11	6.6	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	62%		57-115%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB03-9,13		
Lab Sample ID:	F35540-13	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8260B SW846 5030A	**Percent Solids:**	73.3
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0035240.D	1	10/18/05	JG	10/07/05 14:20	n/a	VG1356
Run #2							

	Initial Weight
Run #1	4.74 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	72	36	ug/kg	
75-05-8	Acetonitrile	ND	72	29	ug/kg	
107-02-8	Acrolein	ND	36	18	ug/kg	
107-13-1	Acrylonitrile	ND	36	18	ug/kg	
107-05-1	Allyl chloride	ND	36	7.2	ug/kg	
71-43-2	Benzene	ND	7.2	2.9	ug/kg	
100-44-7	Benzyl Chloride	ND	7.2	3.6	ug/kg	
108-86-1	Bromobenzene	ND	7.2	2.9	ug/kg	
74-97-5	Bromochloromethane	ND	7.2	2.9	ug/kg	
75-27-4	Bromodichloromethane	ND	7.2	2.9	ug/kg	
75-25-2	Bromoform	ND	7.2	2.9	ug/kg	
104-51-8	n-Butylbenzene	ND	7.2	2.9	ug/kg	
135-98-8	sec-Butylbenzene	ND	7.2	2.9	ug/kg	
98-06-6	tert-Butylbenzene	ND	7.2	2.9	ug/kg	
108-90-7	Chlorobenzene	ND	7.2	2.9	ug/kg	
75-00-3	Chloroethane	ND	7.2	2.9	ug/kg	
67-66-3	Chloroform	ND	7.2	2.9	ug/kg	
544-10-5	1-Chlorohexane	ND	7.2	2.9	ug/kg	
95-49-8	o-Chlorotoluene	ND	7.2	2.9	ug/kg	
106-43-4	p-Chlorotoluene	ND	7.2	2.9	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	36	14	ug/kg	
75-15-0	Carbon disulfide	ND	7.2	2.9	ug/kg	
56-23-5	Carbon tetrachloride	ND	7.2	2.9	ug/kg	
75-34-3	1,1-Dichloroethane	ND	7.2	2.9	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	7.2	2.9	ug/kg	
563-58-6	1,1-Dichloropropene	ND	7.2	2.9	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	7.2	2.9	ug/kg	
106-93-4	1,2-Dibromoethane	ND	7.2	2.9	ug/kg	
107-06-2	1,2-Dichloroethane	ND	7.2	2.9	ug/kg	
78-87-5	1,2-Dichloropropane	ND	7.2	2.9	ug/kg	
142-28-9	1,3-Dichloropropane	ND	7.2	2.9	ug/kg	
594-20-7	2,2-Dichloropropane	ND	7.2	2.9	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB03-9,13		
Lab Sample ID:	F35540-13	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8260B SW846 5030A	**Percent Solids:**	73.3
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	7.2	2.9	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	7.2	4.3	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	7.2	2.9	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	7.2	2.9	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	36		ug/kg	
541-73-1	m-Dichlorobenzene	ND	7.2	2.9	ug/kg	
95-50-1	o-Dichlorobenzene	ND	7.2	2.9	ug/kg	
106-46-7	p-Dichlorobenzene	ND	7.2	2.9	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	7.2	2.9	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	7.2	2.9	ug/kg	
100-41-4	Ethylbenzene	ND	7.2	2.9	ug/kg	
97-63-2	Ethyl methacrylate	ND	36	7.2	ug/kg	
76-13-1	Freon 113	ND	7.2	2.9	ug/kg	
591-78-6	2-Hexanone	ND	36	14	ug/kg	
87-68-3	Hexachlorobutadiene	ND	7.2	2.9	ug/kg	
110-54-3	Hexane	ND	7.2	2.9	ug/kg	
98-82-8	Isopropylbenzene	ND	7.2	2.9	ug/kg	
99-87-6	p-Isopropyltoluene	ND	7.2	2.9	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	36	14	ug/kg	
126-98-7	Methacrylonitrile	ND	36	14	ug/kg	
74-83-9	Methyl bromide	ND	7.2	2.9	ug/kg	
74-87-3	Methyl chloride	ND	7.2	2.9	ug/kg	
74-88-4	Methyl iodide	ND	14	2.9	ug/kg	
80-62-6	Methyl methacrylate	ND	36	7.2	ug/kg	
74-95-3	Methylene bromide	ND	7.2	2.9	ug/kg	
75-09-2	Methylene chloride	ND	14	7.2	ug/kg	
78-93-3	Methyl ethyl ketone	ND	36	14	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	7.2	2.9	ug/kg	
91-20-3	Naphthalene	6.6	7.2	2.9	ug/kg	JB
76-01-7	Pentachloroethane	ND	36	7.2	ug/kg	
107-12-0	Propionitrile	ND	72	14	ug/kg	
103-65-1	n-Propylbenzene	ND	7.2	2.9	ug/kg	
100-42-5	Styrene	ND	7.2	2.9	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	7.2	2.9	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	7.2	2.9	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	7.2	2.9	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	7.2	2.9	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	7.2	2.9	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	7.2	2.9	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	7.2	2.9	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB03-9,13		
Lab Sample ID:	F35540-13	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8260B SW846 5030A	**Percent Solids:**	73.3
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	7.2	2.9	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	7.2	2.9	ug/kg	
127-18-4	Tetrachloroethylene	ND	7.2	2.9	ug/kg	
108-88-3	Toluene	ND	7.2	2.9	ug/kg	
79-01-6	Trichloroethylene	ND	7.2	2.9	ug/kg	
75-69-4	Trichlorofluoromethane	ND	7.2	2.9	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	36	14	ug/kg	
75-01-4	Vinyl chloride	ND	7.2	2.9	ug/kg	
108-05-4	Vinyl Acetate	ND	36	14	ug/kg	
	m,p-Xylene	ND	14	3.6	ug/kg	
95-47-6	o-Xylene	ND	7.2	2.9	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		78-123%
2037-26-5	Toluene-D8	94%		71-137%
460-00-4	4-Bromofluorobenzene	99%		61-157%
17060-07-0	1,2-Dichloroethane-D4	95%		74-125%

(a) Sample was received in a bulk container but was not preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB03-9,13		
Lab Sample ID:	F35540-13	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	73.3
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F012019.D	1	10/17/05	NJ	10/12/05	OP14667	SF656
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1100	450	ug/kg	
95-57-8	2-Chlorophenol	ND	230	45	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	230	45	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	230	45	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	230	45	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1100	450	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	450	91	ug/kg	
95-48-7	2-Methylphenol	ND	230	45	ug/kg	
	3&4-Methylphenol	ND	230	45	ug/kg	
88-75-5	2-Nitrophenol	ND	230	45	ug/kg	
100-02-7	4-Nitrophenol	ND	1100	450	ug/kg	
87-86-5	Pentachlorophenol	ND	1100	450	ug/kg	
108-95-2	Phenol	ND	230	45	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	230	45	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	230	45	ug/kg	
83-32-9	Acenaphthene	ND	230	45	ug/kg	
208-96-8	Acenaphthylene	ND	230	45	ug/kg	
120-12-7	Anthracene	ND	230	45	ug/kg	
92-87-5	Benzidine	ND	2300	1100	ug/kg	
56-55-3	Benzo(a)anthracene	ND	230	45	ug/kg	
50-32-8	Benzo(a)pyrene	ND	230	45	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	230	45	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	230	91	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	230	45	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	230	45	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	450	110	ug/kg	
100-51-6	Benzyl Alcohol	ND	230	45	ug/kg	
91-58-7	2-Chloronaphthalene	ND	230	45	ug/kg	
106-47-8	4-Chloroaniline	ND	450	180	ug/kg	
218-01-9	Chrysene	ND	230	45	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	230	45	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	230	91	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB03-9,13		
Lab Sample ID:	F35540-13	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	73.3
Project:	HOLMN		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	230	45	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	230	45	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	230	45	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	230	45	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	230	45	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	230	91	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	230	91	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	450	230	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	230	91	ug/kg	
132-64-9	Dibenzofuran	ND	230	45	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	450	110	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	450	230	ug/kg	
84-66-2	Diethyl phthalate	712	450	110	ug/kg	
131-11-3	Dimethyl phthalate	ND	450	110	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	450	230	ug/kg	
206-44-0	Fluoranthene	ND	230	45	ug/kg	
86-73-7	Fluorene	ND	230	45	ug/kg	
118-74-1	Hexachlorobenzene	ND	230	45	ug/kg	
87-68-3	Hexachlorobutadiene	ND	230	91	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	230	91	ug/kg	
67-72-1	Hexachloroethane	ND	230	91	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	230	91	ug/kg	
78-59-1	Isophorone	ND	230	45	ug/kg	
91-57-6	2-Methylnaphthalene	ND	230	45	ug/kg	
88-74-4	2-Nitroaniline	ND	450	110	ug/kg	
99-09-2	3-Nitroaniline	ND	450	110	ug/kg	
100-01-6	4-Nitroaniline	ND	450	160	ug/kg	
91-20-3	Naphthalene	ND	230	45	ug/kg	
98-95-3	Nitrobenzene	ND	230	45	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	230	91	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	230	45	ug/kg	
85-01-8	Phenanthrene	ND	230	45	ug/kg	
129-00-0	Pyrene	ND	230	91	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	230	45	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	73%		45-114%
4165-62-2	Phenol-d5	67%		44-124%
118-79-6	2,4,6-Tribromophenol	75%		50-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB03-9,13		
Lab Sample ID:	F35540-13	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	73.3
Project:	HOLMN		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	71%		41-123%
321-60-8	2-Fluorobiphenyl	74%		46-122%
1718-51-0	Terphenyl-d14	78%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB03-9,13		
Lab Sample ID:	F35540-13	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8015 SW846 5030A	**Percent Solids:**	73.3
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	HH017131.D	1	10/18/05	AB	10/07/05 14:20	n/a	GHH779
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	4.60 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	9.2	4.6	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	94%		62-135%
98-08-8	aaa-Trifluorotoluene	83%		65-118%

(a) Sample was received in a bulk container and preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB03-9,13		
Lab Sample ID:	F35540-13	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	73.3
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	IJ26283.D	1	10/17/05	SD	10/10/05	OP14639	GIJ1243
Run #2	IJ26396.D	1	10/21/05	ME	10/19/05	OP14738	GIJ1246

	Initial Weight	Final Volume
Run #1	30.3 g	1.0 ml
Run #2	30.6 g	1.0 ml

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	8.24	11	6.8	mg/kg	J
	TPH (> C22-C36)	7.93	11	6.8	mg/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	55% [b]	58%	57-115%

(a) Re-extract results reported because they were significantly higher than original results.
(b) Confirmed by re-extraction and reanalysis.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB03-32,39		
Lab Sample ID:	F35540-14	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8260B SW846 5030A	**Percent Solids:**	68.0
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0035241.D	1	10/18/05	JG	10/07/05 14:20	n/a	VG1356
Run #2							

	Initial Weight
Run #1	5.03 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	73	37	ug/kg	
75-05-8	Acetonitrile	ND	73	29	ug/kg	
107-02-8	Acrolein	ND	37	18	ug/kg	
107-13-1	Acrylonitrile	ND	37	18	ug/kg	
107-05-1	Allyl chloride	ND	37	7.3	ug/kg	
71-43-2	Benzene	ND	7.3	2.9	ug/kg	
100-44-7	Benzyl Chloride	ND	7.3	3.7	ug/kg	
108-86-1	Bromobenzene	ND	7.3	2.9	ug/kg	
74-97-5	Bromochloromethane	ND	7.3	2.9	ug/kg	
75-27-4	Bromodichloromethane	ND	7.3	2.9	ug/kg	
75-25-2	Bromoform	ND	7.3	2.9	ug/kg	
104-51-8	n-Butylbenzene	ND	7.3	2.9	ug/kg	
135-98-8	sec-Butylbenzene	13.7	7.3	2.9	ug/kg	
98-06-6	tert-Butylbenzene	ND	7.3	2.9	ug/kg	
108-90-7	Chlorobenzene	ND	7.3	2.9	ug/kg	
75-00-3	Chloroethane	ND	7.3	2.9	ug/kg	
67-66-3	Chloroform	ND	7.3	2.9	ug/kg	
544-10-5	1-Chlorohexane	ND	7.3	2.9	ug/kg	
95-49-8	o-Chlorotoluene	ND	7.3	2.9	ug/kg	
106-43-4	p-Chlorotoluene	ND	7.3	2.9	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	37	15	ug/kg	
75-15-0	Carbon disulfide	3.9	7.3	2.9	ug/kg	J
56-23-5	Carbon tetrachloride	ND	7.3	2.9	ug/kg	
75-34-3	1,1-Dichloroethane	ND	7.3	2.9	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	7.3	2.9	ug/kg	
563-58-6	1,1-Dichloropropene	ND	7.3	2.9	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	7.3	2.9	ug/kg	
106-93-4	1,2-Dibromoethane	ND	7.3	2.9	ug/kg	
107-06-2	1,2-Dichloroethane	ND	7.3	2.9	ug/kg	
78-87-5	1,2-Dichloropropane	ND	7.3	2.9	ug/kg	
142-28-9	1,3-Dichloropropane	ND	7.3	2.9	ug/kg	
594-20-7	2,2-Dichloropropane	ND	7.3	2.9	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB03-32,39		
Lab Sample ID:	F35540-14	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8260B SW846 5030A	**Percent Solids:**	68.0
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	7.3	2.9	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	7.3	4.4	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	7.3	2.9	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	7.3	2.9	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	37		ug/kg	
541-73-1	m-Dichlorobenzene	ND	7.3	2.9	ug/kg	
95-50-1	o-Dichlorobenzene	ND	7.3	2.9	ug/kg	
106-46-7	p-Dichlorobenzene	ND	7.3	2.9	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	7.3	2.9	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	7.3	2.9	ug/kg	
100-41-4	Ethylbenzene	ND	7.3	2.9	ug/kg	
97-63-2	Ethyl methacrylate	ND	37	7.3	ug/kg	
76-13-1	Freon 113	ND	7.3	2.9	ug/kg	
591-78-6	2-Hexanone	ND	37	15	ug/kg	
87-68-3	Hexachlorobutadiene	ND	7.3	2.9	ug/kg	
110-54-3	Hexane	ND	7.3	2.9	ug/kg	
98-82-8	Isopropylbenzene	ND	7.3	2.9	ug/kg	
99-87-6	p-Isopropyltoluene	ND	7.3	2.9	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	37	15	ug/kg	
126-98-7	Methacrylonitrile	ND	37	15	ug/kg	
74-83-9	Methyl bromide	ND	7.3	2.9	ug/kg	
74-87-3	Methyl chloride	ND	7.3	2.9	ug/kg	
74-88-4	Methyl iodide	ND	15	2.9	ug/kg	
80-62-6	Methyl methacrylate	ND	37	7.3	ug/kg	
74-95-3	Methylene bromide	ND	7.3	2.9	ug/kg	
75-09-2	Methylene chloride	ND	15	7.3	ug/kg	
78-93-3	Methyl ethyl ketone	ND	37	15	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	7.3	2.9	ug/kg	
91-20-3	Naphthalene	7.4	7.3	2.9	ug/kg	B
76-01-7	Pentachloroethane	ND	37	7.3	ug/kg	
107-12-0	Propionitrile	ND	73	15	ug/kg	
103-65-1	n-Propylbenzene	ND	7.3	2.9	ug/kg	
100-42-5	Styrene	ND	7.3	2.9	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	7.3	2.9	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	7.3	2.9	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	7.3	2.9	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	7.3	2.9	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	7.3	2.9	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	7.3	2.9	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	7.3	2.9	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB03-32,39		
Lab Sample ID:	F35540-14	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8260B SW846 5030A	**Percent Solids:**	68.0
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	7.3	2.9	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	7.3	2.9	ug/kg	
127-18-4	Tetrachloroethylene	ND	7.3	2.9	ug/kg	
108-88-3	Toluene	ND	7.3	2.9	ug/kg	
79-01-6	Trichloroethylene	ND	7.3	2.9	ug/kg	
75-69-4	Trichlorofluoromethane	ND	7.3	2.9	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	37	15	ug/kg	
75-01-4	Vinyl chloride	ND	7.3	2.9	ug/kg	
108-05-4	Vinyl Acetate	ND	37	15	ug/kg	
	m,p-Xylene	ND	15	3.7	ug/kg	
95-47-6	o-Xylene	ND	7.3	2.9	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	94%		78-123%
2037-26-5	Toluene-D8	97%		71-137%
460-00-4	4-Bromofluorobenzene	113%		61-157%
17060-07-0	1,2-Dichloroethane-D4	95%		74-125%

(a) Sample was received in a bulk container but was not preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB03-32,39		
Lab Sample ID:	F35540-14	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	68.0
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F012020.D	1	10/17/05	NJ	10/12/05	OP14667	SF656
Run #2							

	Initial Weight	Final Volume
Run #1	30.6 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1200	480	ug/kg	
95-57-8	2-Chlorophenol	ND	240	48	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	240	48	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	240	48	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	240	48	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1200	480	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	480	96	ug/kg	
95-48-7	2-Methylphenol	ND	240	48	ug/kg	
	3&4-Methylphenol	ND	240	48	ug/kg	
88-75-5	2-Nitrophenol	ND	240	48	ug/kg	
100-02-7	4-Nitrophenol	ND	1200	480	ug/kg	
87-86-5	Pentachlorophenol	ND	1200	480	ug/kg	
108-95-2	Phenol	ND	240	48	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	240	48	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	240	48	ug/kg	
83-32-9	Acenaphthene	ND	240	48	ug/kg	
208-96-8	Acenaphthylene	ND	240	48	ug/kg	
120-12-7	Anthracene	ND	240	48	ug/kg	
92-87-5	Benzidine	ND	2400	1200	ug/kg	
56-55-3	Benzo(a)anthracene	ND	240	48	ug/kg	
50-32-8	Benzo(a)pyrene	ND	240	48	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	240	48	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	240	96	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	240	48	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	240	48	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	480	120	ug/kg	
100-51-6	Benzyl Alcohol	ND	240	48	ug/kg	
91-58-7	2-Chloronaphthalene	ND	240	48	ug/kg	
106-47-8	4-Chloroaniline	ND	480	190	ug/kg	
218-01-9	Chrysene	ND	240	48	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	240	48	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	240	96	ug/kg	

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E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB03-32,39		
Lab Sample ID:	F35540-14	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	68.0
Project:	HOLMN		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	240	48	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	240	48	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	240	48	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	240	48	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	240	48	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	240	96	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	240	96	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	480	240	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	240	96	ug/kg	
132-64-9	Dibenzofuran	ND	240	48	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	480	120	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	480	240	ug/kg	
84-66-2	Diethyl phthalate	ND	480	120	ug/kg	
131-11-3	Dimethyl phthalate	ND	480	120	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	480	240	ug/kg	
206-44-0	Fluoranthene	ND	240	48	ug/kg	
86-73-7	Fluorene	ND	240	48	ug/kg	
118-74-1	Hexachlorobenzene	ND	240	48	ug/kg	
87-68-3	Hexachlorobutadiene	ND	240	96	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	240	96	ug/kg	
67-72-1	Hexachloroethane	ND	240	96	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	240	96	ug/kg	
78-59-1	Isophorone	ND	240	48	ug/kg	
91-57-6	2-Methylnaphthalene	ND	240	48	ug/kg	
88-74-4	2-Nitroaniline	ND	480	120	ug/kg	
99-09-2	3-Nitroaniline	ND	480	120	ug/kg	
100-01-6	4-Nitroaniline	ND	480	170	ug/kg	
91-20-3	Naphthalene	ND	240	48	ug/kg	
98-95-3	Nitrobenzene	ND	240	48	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	240	96	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	240	48	ug/kg	
85-01-8	Phenanthrene	ND	240	48	ug/kg	
129-00-0	Pyrene	ND	240	96	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	240	48	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	68%		45-114%
4165-62-2	Phenol-d5	63%		44-124%
118-79-6	2,4,6-Tribromophenol	70%		50-128%

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B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB03-32,39		
Lab Sample ID:	F35540-14	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	68.0
Project:	HOLMN		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	64%		41-123%
321-60-8	2-Fluorobiphenyl	66%		46-122%
1718-51-0	Terphenyl-d14	71%		45-135%

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E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB03-32,39		
Lab Sample ID:	F35540-14	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8015 SW846 5030A	**Percent Solids:**	68.0
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	HH017132.D	1	10/18/05	AB	10/07/05 14:20	n/a	GHH779
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.16 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	9.5	4.7	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	94%		62-135%
98-08-8	aaa-Trifluorotoluene	83%		65-118%

(a) Sample was received in a bulk container and preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB03-32,39		
Lab Sample ID:	F35540-14	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	68.0
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	IJ26286.D	1	10/17/05	SD	10/10/05	OP14639	GIJ1243
Run #2							

	Initial Weight	Final Volume
Run #1	30.2 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	12	7.3	mg/kg	
	TPH (> C22-C36)	ND	12	7.3	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	58%		57-115%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB03-61,70		
Lab Sample ID:	F35540-15	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8260B SW846 5030A	**Percent Solids:**	72.3
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0035263.D	1	10/19/05	JG	10/07/05 14:20	n/a	VG1357
Run #2							

	Initial Weight
Run #1	4.94 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	70	35	ug/kg	
75-05-8	Acetonitrile	ND	70	28	ug/kg	
107-02-8	Acrolein	ND	35	17	ug/kg	
107-13-1	Acrylonitrile	ND	35	17	ug/kg	
107-05-1	Allyl chloride	ND	35	7.0	ug/kg	
71-43-2	Benzene	ND	7.0	2.8	ug/kg	
100-44-7	Benzyl Chloride	ND	7.0	3.5	ug/kg	
108-86-1	Bromobenzene	ND	7.0	2.8	ug/kg	
74-97-5	Bromochloromethane	ND	7.0	2.8	ug/kg	
75-27-4	Bromodichloromethane	ND	7.0	2.8	ug/kg	
75-25-2	Bromoform	ND	7.0	2.8	ug/kg	
104-51-8	n-Butylbenzene	5.0	7.0	2.8	ug/kg	J
135-98-8	sec-Butylbenzene	4.9	7.0	2.8	ug/kg	J
98-06-6	tert-Butylbenzene	ND	7.0	2.8	ug/kg	
108-90-7	Chlorobenzene	ND	7.0	2.8	ug/kg	
75-00-3	Chloroethane	ND	7.0	2.8	ug/kg	
67-66-3	Chloroform	ND	7.0	2.8	ug/kg	
544-10-5	1-Chlorohexane	ND	7.0	2.8	ug/kg	
95-49-8	o-Chlorotoluene	ND	7.0	2.8	ug/kg	
106-43-4	p-Chlorotoluene	ND	7.0	2.8	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	35	14	ug/kg	
75-15-0	Carbon disulfide	8.0	7.0	2.8	ug/kg	
56-23-5	Carbon tetrachloride	ND	7.0	2.8	ug/kg	
75-34-3	1,1-Dichloroethane	ND	7.0	2.8	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	7.0	2.8	ug/kg	
563-58-6	1,1-Dichloropropene	ND	7.0	2.8	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	7.0	2.8	ug/kg	
106-93-4	1,2-Dibromoethane	ND	7.0	2.8	ug/kg	
107-06-2	1,2-Dichloroethane	ND	7.0	2.8	ug/kg	
78-87-5	1,2-Dichloropropane	ND	7.0	2.8	ug/kg	
142-28-9	1,3-Dichloropropane	ND	7.0	2.8	ug/kg	
594-20-7	2,2-Dichloropropane	ND	7.0	2.8	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB03-61,70		
Lab Sample ID:	F35540-15	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8260B SW846 5030A	**Percent Solids:**	72.3
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	7.0	2.8	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	7.0	4.2	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	7.0	2.8	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	7.0	2.8	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	35		ug/kg	
541-73-1	m-Dichlorobenzene	ND	7.0	2.8	ug/kg	
95-50-1	o-Dichlorobenzene	ND	7.0	2.8	ug/kg	
106-46-7	p-Dichlorobenzene	ND	7.0	2.8	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	7.0	2.8	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	7.0	2.8	ug/kg	
100-41-4	Ethylbenzene	28.6	7.0	2.8	ug/kg	
97-63-2	Ethyl methacrylate	ND	35	7.0	ug/kg	
76-13-1	Freon 113	ND	7.0	2.8	ug/kg	
591-78-6	2-Hexanone	ND	35	14	ug/kg	
87-68-3	Hexachlorobutadiene	ND	7.0	2.8	ug/kg	
110-54-3	Hexane	ND	7.0	2.8	ug/kg	
98-82-8	Isopropylbenzene	6.5	7.0	2.8	ug/kg	J
99-87-6	p-Isopropyltoluene	3.4	7.0	2.8	ug/kg	J
108-10-1	4-Methyl-2-pentanone	ND	35	14	ug/kg	
126-98-7	Methacrylonitrile	ND	35	14	ug/kg	
74-83-9	Methyl bromide	ND	7.0	2.8	ug/kg	
74-87-3	Methyl chloride	ND	7.0	2.8	ug/kg	
74-88-4	Methyl iodide	ND	14	2.8	ug/kg	
80-62-6	Methyl methacrylate	ND	35	7.0	ug/kg	
74-95-3	Methylene bromide	ND	7.0	2.8	ug/kg	
75-09-2	Methylene chloride	ND	14	7.0	ug/kg	
78-93-3	Methyl ethyl ketone [b]	35.3	35	14	ug/kg	J
1634-04-4	Methyl Tert Butyl Ether	ND	7.0	2.8	ug/kg	
91-20-3	Naphthalene	56.0	7.0	2.8	ug/kg	B
76-01-7	Pentachloroethane	ND	35	7.0	ug/kg	
107-12-0	Propionitrile	ND	70	14	ug/kg	
103-65-1	n-Propylbenzene	7.8	7.0	2.8	ug/kg	
100-42-5	Styrene	ND	7.0	2.8	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	7.0	2.8	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	7.0	2.8	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	7.0	2.8	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	7.0	2.8	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	7.0	2.8	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	7.0	2.8	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	7.0	2.8	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB03-61,70		
Lab Sample ID:	F35540-15	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8260B SW846 5030A	**Percent Solids:**	72.3
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	49.1	7.0	2.8	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	4.2	7.0	2.8	ug/kg	J
127-18-4	Tetrachloroethylene	ND	7.0	2.8	ug/kg	
108-88-3	Toluene	ND	7.0	2.8	ug/kg	
79-01-6	Trichloroethylene	ND	7.0	2.8	ug/kg	
75-69-4	Trichlorofluoromethane	ND	7.0	2.8	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	35	14	ug/kg	
75-01-4	Vinyl chloride	ND	7.0	2.8	ug/kg	
108-05-4	Vinyl Acetate	ND	35	14	ug/kg	
	m,p-Xylene	16.3	14	3.5	ug/kg	
95-47-6	o-Xylene	ND	7.0	2.8	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		78-123%
2037-26-5	Toluene-D8	96%		71-137%
460-00-4	4-Bromofluorobenzene	91%		61-157%
17060-07-0	1,2-Dichloroethane-D4	88%		74-125%

(a) Sample was received in a bulk container but was not preserved within 48 hours of sampling.
(b) CCV outside of control limits; results may be biased low.

ND = Not detected MDL - Method Detection Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB03-61,70		
Lab Sample ID:	F35540-15	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	72.3
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F012021.D	1	10/17/05	NJ	10/12/05	OP14667	SF656
Run #2							

	Initial Weight	Final Volume
Run #1	30.8 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1100	450	ug/kg	
95-57-8	2-Chlorophenol	ND	220	45	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	220	45	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	220	45	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	220	45	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1100	450	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	450	90	ug/kg	
95-48-7	2-Methylphenol	ND	220	45	ug/kg	
	3&4-Methylphenol	ND	220	45	ug/kg	
88-75-5	2-Nitrophenol	ND	220	45	ug/kg	
100-02-7	4-Nitrophenol	ND	1100	450	ug/kg	
87-86-5	Pentachlorophenol	ND	1100	450	ug/kg	
108-95-2	Phenol	ND	220	45	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	220	45	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	220	45	ug/kg	
83-32-9	Acenaphthene	ND	220	45	ug/kg	
208-96-8	Acenaphthylene	ND	220	45	ug/kg	
120-12-7	Anthracene	ND	220	45	ug/kg	
92-87-5	Benzidine	ND	2200	1100	ug/kg	
56-55-3	Benzo(a)anthracene	ND	220	45	ug/kg	
50-32-8	Benzo(a)pyrene	ND	220	45	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	220	45	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	220	90	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	220	45	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	220	45	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	450	110	ug/kg	
100-51-6	Benzyl Alcohol	ND	220	45	ug/kg	
91-58-7	2-Chloronaphthalene	ND	220	45	ug/kg	
106-47-8	4-Chloroaniline	ND	450	180	ug/kg	
218-01-9	Chrysene	ND	220	45	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	220	45	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	220	90	ug/kg	

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Report of Analysis

Client Sample ID:	WPOL-SB03-61,70		
Lab Sample ID:	F35540-15	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	72.3
Project:	HOLMN		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	220	45	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	220	45	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	220	45	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	220	45	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	220	45	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	220	90	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	220	90	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	450	220	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	220	90	ug/kg	
132-64-9	Dibenzofuran	ND	220	45	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	450	110	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	450	220	ug/kg	
84-66-2	Diethyl phthalate	ND	450	110	ug/kg	
131-11-3	Dimethyl phthalate	ND	450	110	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	450	220	ug/kg	
206-44-0	Fluoranthene	ND	220	45	ug/kg	
86-73-7	Fluorene	ND	220	45	ug/kg	
118-74-1	Hexachlorobenzene	ND	220	45	ug/kg	
87-68-3	Hexachlorobutadiene	ND	220	90	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	220	90	ug/kg	
67-72-1	Hexachloroethane	ND	220	90	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	220	90	ug/kg	
78-59-1	Isophorone	ND	220	45	ug/kg	
91-57-6	2-Methylnaphthalene	ND	220	45	ug/kg	
88-74-4	2-Nitroaniline	ND	450	110	ug/kg	
99-09-2	3-Nitroaniline	ND	450	110	ug/kg	
100-01-6	4-Nitroaniline	ND	450	160	ug/kg	
91-20-3	Naphthalene	ND	220	45	ug/kg	
98-95-3	Nitrobenzene	ND	220	45	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	220	90	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	220	45	ug/kg	
85-01-8	Phenanthrene	ND	220	45	ug/kg	
129-00-0	Pyrene	ND	220	90	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	220	45	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	69%		45-114%
4165-62-2	Phenol-d5	63%		44-124%
118-79-6	2,4,6-Tribromophenol	75%		50-128%

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Report of Analysis

Client Sample ID:	WPOL-SB03-61,70		
Lab Sample ID:	F35540-15	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	72.3
Project:	HOLMN		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	66%		41-123%
321-60-8	2-Fluorobiphenyl	70%		46-122%
1718-51-0	Terphenyl-d14	77%		45-135%

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Report of Analysis

Client Sample ID:	WPOL-SB03-61,70		
Lab Sample ID:	F35540-15	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8015 SW846 5030A	**Percent Solids:**	72.3
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	HH017133.D	1	10/18/05	AB	10/07/05 14:20	n/a	GHH779
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	4.81 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	9.1	4.6	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	93%		62-135%
98-08-8	aaa-Trifluorotoluene	81%		65-118%

(a) Sample was received in a bulk container and preserved within 48 hours of sampling.

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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB03-61,70		
Lab Sample ID:	F35540-15	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	72.3
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	IJ26287.D	1	10/17/05	SD	10/10/05	OP14639	GIJ1243
Run #2 [a]	IJ26397.D	1	10/21/05	ME	10/19/05	OP14738	GIJ1246

	Initial Weight	Final Volume
Run #1	30.3 g	1.0 ml
Run #2	30.3 g	1.0 ml

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	11	6.8	mg/kg	
	TPH (> C22-C36)	ND	11	6.8	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	49% [b]	35%	57-115%

(a) Confirmation run.
(b) Confirmed by re-extraction and reanalysis.

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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB05-4,9		
Lab Sample ID:	F35540-16	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8260B SW846 5030A	**Percent Solids:**	74.7
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0035264.D	1	10/19/05	JG	10/07/05 15:20	n/a	VG1357
Run #2							

	Initial Weight
Run #1	4.78 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone [b]	38.1	70	35	ug/kg	J
75-05-8	Acetonitrile	ND	70	28	ug/kg	
107-02-8	Acrolein	ND	35	18	ug/kg	
107-13-1	Acrylonitrile	ND	35	18	ug/kg	
107-05-1	Allyl chloride	ND	35	7.0	ug/kg	
71-43-2	Benzene	ND	7.0	2.8	ug/kg	
100-44-7	Benzyl Chloride	ND	7.0	3.5	ug/kg	
108-86-1	Bromobenzene	ND	7.0	2.8	ug/kg	
74-97-5	Bromochloromethane	ND	7.0	2.8	ug/kg	
75-27-4	Bromodichloromethane	ND	7.0	2.8	ug/kg	
75-25-2	Bromoform	ND	7.0	2.8	ug/kg	
104-51-8	n-Butylbenzene	30.6	7.0	2.8	ug/kg	
135-98-8	sec-Butylbenzene	40.1	7.0	2.8	ug/kg	
98-06-6	tert-Butylbenzene	ND	7.0	2.8	ug/kg	
108-90-7	Chlorobenzene	ND	7.0	2.8	ug/kg	
75-00-3	Chloroethane	ND	7.0	2.8	ug/kg	
67-66-3	Chloroform	ND	7.0	2.8	ug/kg	
544-10-5	1-Chlorohexane	ND	7.0	2.8	ug/kg	
95-49-8	o-Chlorotoluene	ND	7.0	2.8	ug/kg	
106-43-4	p-Chlorotoluene	ND	7.0	2.8	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	35	14	ug/kg	
75-15-0	Carbon disulfide	6.1	7.0	2.8	ug/kg	J
56-23-5	Carbon tetrachloride	ND	7.0	2.8	ug/kg	
75-34-3	1,1-Dichloroethane	ND	7.0	2.8	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	7.0	2.8	ug/kg	
563-58-6	1,1-Dichloropropene	ND	7.0	2.8	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	7.0	2.8	ug/kg	
106-93-4	1,2-Dibromoethane	ND	7.0	2.8	ug/kg	
107-06-2	1,2-Dichloroethane	ND	7.0	2.8	ug/kg	
78-87-5	1,2-Dichloropropane	ND	7.0	2.8	ug/kg	
142-28-9	1,3-Dichloropropane	ND	7.0	2.8	ug/kg	
594-20-7	2,2-Dichloropropane	ND	7.0	2.8	ug/kg	

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J = Indicates an estimated value
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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB05-4,9		
Lab Sample ID:	F35540-16	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8260B SW846 5030A	**Percent Solids:**	74.7
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	7.0	2.8	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	7.0	4.2	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	7.0	2.8	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	7.0	2.8	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	35		ug/kg	
541-73-1	m-Dichlorobenzene	ND	7.0	2.8	ug/kg	
95-50-1	o-Dichlorobenzene	ND	7.0	2.8	ug/kg	
106-46-7	p-Dichlorobenzene	ND	7.0	2.8	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	7.0	2.8	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	7.0	2.8	ug/kg	
100-41-4	Ethylbenzene	45.2	7.0	2.8	ug/kg	
97-63-2	Ethyl methacrylate	ND	35	7.0	ug/kg	
76-13-1	Freon 113	ND	7.0	2.8	ug/kg	
591-78-6	2-Hexanone	ND	35	14	ug/kg	
87-68-3	Hexachlorobutadiene	ND	7.0	2.8	ug/kg	
110-54-3	Hexane	ND	7.0	2.8	ug/kg	
98-82-8	Isopropylbenzene	33.2	7.0	2.8	ug/kg	
99-87-6	p-Isopropyltoluene	26.9	7.0	2.8	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	35	14	ug/kg	
126-98-7	Methacrylonitrile	ND	35	14	ug/kg	
74-83-9	Methyl bromide	ND	7.0	2.8	ug/kg	
74-87-3	Methyl chloride	ND	7.0	2.8	ug/kg	
74-88-4	Methyl iodide	ND	14	2.8	ug/kg	
80-62-6	Methyl methacrylate	ND	35	7.0	ug/kg	
74-95-3	Methylene bromide	ND	7.0	2.8	ug/kg	
75-09-2	Methylene chloride	ND	14	7.0	ug/kg	
78-93-3	Methyl ethyl ketone	ND	35	14	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	7.0	2.8	ug/kg	
91-20-3	Naphthalene	109	7.0	2.8	ug/kg	B
76-01-7	Pentachloroethane	ND	35	7.0	ug/kg	
107-12-0	Propionitrile	ND	70	14	ug/kg	
103-65-1	n-Propylbenzene	45.5	7.0	2.8	ug/kg	
100-42-5	Styrene	ND	7.0	2.8	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	7.0	2.8	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	7.0	2.8	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	7.0	2.8	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	7.0	2.8	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	7.0	2.8	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	7.0	2.8	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	7.0	2.8	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB05-4,9		
Lab Sample ID:	F35540-16	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8260B SW846 5030A	**Percent Solids:**	74.7
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	158	7.0	2.8	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	54.1	7.0	2.8	ug/kg	
127-18-4	Tetrachloroethylene	ND	7.0	2.8	ug/kg	
108-88-3	Toluene	ND	7.0	2.8	ug/kg	
79-01-6	Trichloroethylene	ND	7.0	2.8	ug/kg	
75-69-4	Trichlorofluoromethane	ND	7.0	2.8	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	35	14	ug/kg	
75-01-4	Vinyl chloride	ND	7.0	2.8	ug/kg	
108-05-4	Vinyl Acetate	ND	35	14	ug/kg	
	m,p-Xylene	5.4	14	3.5	ug/kg	J
95-47-6	o-Xylene	ND	7.0	2.8	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		78-123%
2037-26-5	Toluene-D8	98%		71-137%
460-00-4	4-Bromofluorobenzene	104%		61-157%
17060-07-0	1,2-Dichloroethane-D4	93%		74-125%

(a) Sample was received in a bulk container but was not preserved within 48 hours of sampling.
(b) CCV outside of control limits; results may be biased low.

ND = Not detected MDL - Method Detection Limit
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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB05-4,9		
Lab Sample ID:	F35540-16	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	74.7
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F012022.D	1	10/17/05	NJ	10/12/05	OP14667	SF656
Run #2							

	Initial Weight	Final Volume
Run #1	30.4 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1100	440	ug/kg	
95-57-8	2-Chlorophenol	ND	220	44	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	220	44	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	220	44	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	220	44	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1100	440	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	440	88	ug/kg	
95-48-7	2-Methylphenol	ND	220	44	ug/kg	
	3&4-Methylphenol	ND	220	44	ug/kg	
88-75-5	2-Nitrophenol	ND	220	44	ug/kg	
100-02-7	4-Nitrophenol	ND	1100	440	ug/kg	
87-86-5	Pentachlorophenol	ND	1100	440	ug/kg	
108-95-2	Phenol	ND	220	44	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	220	44	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	220	44	ug/kg	
83-32-9	Acenaphthene	ND	220	44	ug/kg	
208-96-8	Acenaphthylene	ND	220	44	ug/kg	
120-12-7	Anthracene	ND	220	44	ug/kg	
92-87-5	Benzidine	ND	2200	1100	ug/kg	
56-55-3	Benzo(a)anthracene	ND	220	44	ug/kg	
50-32-8	Benzo(a)pyrene	ND	220	44	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	220	44	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	220	88	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	220	44	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	220	44	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	440	110	ug/kg	
100-51-6	Benzyl Alcohol	ND	220	44	ug/kg	
91-58-7	2-Chloronaphthalene	ND	220	44	ug/kg	
106-47-8	4-Chloroaniline	ND	440	180	ug/kg	
218-01-9	Chrysene	ND	220	44	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	220	44	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	220	88	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB05-4,9		
Lab Sample ID:	F35540-16	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	74.7
Project:	HOLMN		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	220	44	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	220	44	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	220	44	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	220	44	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	220	44	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	220	88	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	220	88	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	440	220	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	220	88	ug/kg	
132-64-9	Dibenzofuran	ND	220	44	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	440	110	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	440	220	ug/kg	
84-66-2	Diethyl phthalate	ND	440	110	ug/kg	
131-11-3	Dimethyl phthalate	ND	440	110	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	440	220	ug/kg	
206-44-0	Fluoranthene	ND	220	44	ug/kg	
86-73-7	Fluorene	ND	220	44	ug/kg	
118-74-1	Hexachlorobenzene	ND	220	44	ug/kg	
87-68-3	Hexachlorobutadiene	ND	220	88	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	220	88	ug/kg	
67-72-1	Hexachloroethane	ND	220	88	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	220	88	ug/kg	
78-59-1	Isophorone	ND	220	44	ug/kg	
91-57-6	2-Methylnaphthalene	ND	220	44	ug/kg	
88-74-4	2-Nitroaniline	ND	440	110	ug/kg	
99-09-2	3-Nitroaniline	ND	440	110	ug/kg	
100-01-6	4-Nitroaniline	ND	440	150	ug/kg	
91-20-3	Naphthalene	ND	220	44	ug/kg	
98-95-3	Nitrobenzene	ND	220	44	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	220	88	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	220	44	ug/kg	
85-01-8	Phenanthrene	ND	220	44	ug/kg	
129-00-0	Pyrene	ND	220	88	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	220	44	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	74%		45-114%
4165-62-2	Phenol-d5	68%		44-124%
118-79-6	2,4,6-Tribromophenol	76%		50-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB05-4,9		
Lab Sample ID:	F35540-16	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	74.7
Project:	HOLMN		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	72%		41-123%
321-60-8	2-Fluorobiphenyl	74%		46-122%
1718-51-0	Terphenyl-d14	77%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB05-4,9		
Lab Sample ID:	F35540-16	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8015 SW846 5030A	**Percent Solids:**	74.7
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	HH017134.D	1	10/18/05	AB	10/07/05 15:20	n/a	GHH779
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.23 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	10.8	8.1	4.0	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	115%		62-135%
98-08-8	aaa-Trifluorotoluene	82%		65-118%

(a) Sample was received in a bulk container and preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB05-4,9		
Lab Sample ID:	F35540-16	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	74.7
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	IJ26288.D	1	10/17/05	SD	10/10/05	OP14639	GIJ1243
Run #2							

	Initial Weight	Final Volume
Run #1	30.8 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	43.7	11	6.5	mg/kg	
	TPH (> C22-C36)	ND	11	6.5	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	63%		57-115%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB05-38,47		
Lab Sample ID:	F35540-17	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8260B SW846 5030A	**Percent Solids:**	76.2
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0035242.D	1	10/18/05	JG	10/07/05 15:20	n/a	VG1356
Run #2							

	Initial Weight
Run #1	5.32 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	62	31	ug/kg	
75-05-8	Acetonitrile	ND	62	25	ug/kg	
107-02-8	Acrolein	ND	31	15	ug/kg	
107-13-1	Acrylonitrile	ND	31	15	ug/kg	
107-05-1	Allyl chloride	ND	31	6.2	ug/kg	
71-43-2	Benzene	ND	6.2	2.5	ug/kg	
100-44-7	Benzyl Chloride	ND	6.2	3.1	ug/kg	
108-86-1	Bromobenzene	ND	6.2	2.5	ug/kg	
74-97-5	Bromochloromethane	ND	6.2	2.5	ug/kg	
75-27-4	Bromodichloromethane	ND	6.2	2.5	ug/kg	
75-25-2	Bromoform	ND	6.2	2.5	ug/kg	
104-51-8	n-Butylbenzene	ND	6.2	2.5	ug/kg	
135-98-8	sec-Butylbenzene	ND	6.2	2.5	ug/kg	
98-06-6	tert-Butylbenzene	ND	6.2	2.5	ug/kg	
108-90-7	Chlorobenzene	ND	6.2	2.5	ug/kg	
75-00-3	Chloroethane	ND	6.2	2.5	ug/kg	
67-66-3	Chloroform	ND	6.2	2.5	ug/kg	
544-10-5	1-Chlorohexane	ND	6.2	2.5	ug/kg	
95-49-8	o-Chlorotoluene	ND	6.2	2.5	ug/kg	
106-43-4	p-Chlorotoluene	ND	6.2	2.5	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	31	12	ug/kg	
75-15-0	Carbon disulfide	ND	6.2	2.5	ug/kg	
56-23-5	Carbon tetrachloride	ND	6.2	2.5	ug/kg	
75-34-3	1,1-Dichloroethane	ND	6.2	2.5	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	6.2	2.5	ug/kg	
563-58-6	1,1-Dichloropropene	ND	6.2	2.5	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	6.2	2.5	ug/kg	
106-93-4	1,2-Dibromoethane	ND	6.2	2.5	ug/kg	
107-06-2	1,2-Dichloroethane	ND	6.2	2.5	ug/kg	
78-87-5	1,2-Dichloropropane	ND	6.2	2.5	ug/kg	
142-28-9	1,3-Dichloropropane	ND	6.2	2.5	ug/kg	
594-20-7	2,2-Dichloropropane	ND	6.2	2.5	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB05-38,47		
Lab Sample ID:	F35540-17	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8260B SW846 5030A	**Percent Solids:**	76.2
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	6.2	2.5	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.2	3.7	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	6.2	2.5	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	6.2	2.5	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	31		ug/kg	
541-73-1	m-Dichlorobenzene	ND	6.2	2.5	ug/kg	
95-50-1	o-Dichlorobenzene	ND	6.2	2.5	ug/kg	
106-46-7	p-Dichlorobenzene	ND	6.2	2.5	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	6.2	2.5	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	6.2	2.5	ug/kg	
100-41-4	Ethylbenzene	ND	6.2	2.5	ug/kg	
97-63-2	Ethyl methacrylate	ND	31	6.2	ug/kg	
76-13-1	Freon 113	ND	6.2	2.5	ug/kg	
591-78-6	2-Hexanone	ND	31	12	ug/kg	
87-68-3	Hexachlorobutadiene	ND	6.2	2.5	ug/kg	
110-54-3	Hexane	ND	6.2	2.5	ug/kg	
98-82-8	Isopropylbenzene	ND	6.2	2.5	ug/kg	
99-87-6	p-Isopropyltoluene	ND	6.2	2.5	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	31	12	ug/kg	
126-98-7	Methacrylonitrile	ND	31	12	ug/kg	
74-83-9	Methyl bromide	ND	6.2	2.5	ug/kg	
74-87-3	Methyl chloride	ND	6.2	2.5	ug/kg	
74-88-4	Methyl iodide	ND	12	2.5	ug/kg	
80-62-6	Methyl methacrylate	ND	31	6.2	ug/kg	
74-95-3	Methylene bromide	ND	6.2	2.5	ug/kg	
75-09-2	Methylene chloride	ND	12	6.2	ug/kg	
78-93-3	Methyl ethyl ketone	ND	31	12	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	6.2	2.5	ug/kg	
91-20-3	Naphthalene	ND	6.2	2.5	ug/kg	
76-01-7	Pentachloroethane	ND	31	6.2	ug/kg	
107-12-0	Propionitrile	ND	62	12	ug/kg	
103-65-1	n-Propylbenzene	ND	6.2	2.5	ug/kg	
100-42-5	Styrene	ND	6.2	2.5	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	6.2	2.5	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	6.2	2.5	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6.2	2.5	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	6.2	2.5	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.2	2.5	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	6.2	2.5	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.2	2.5	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB05-38,47		
Lab Sample ID:	F35540-17	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8260B SW846 5030A	**Percent Solids:**	76.2
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	6.2	2.5	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	6.2	2.5	ug/kg	
127-18-4	Tetrachloroethylene	ND	6.2	2.5	ug/kg	
108-88-3	Toluene	ND	6.2	2.5	ug/kg	
79-01-6	Trichloroethylene	ND	6.2	2.5	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.2	2.5	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	31	12	ug/kg	
75-01-4	Vinyl chloride	ND	6.2	2.5	ug/kg	
108-05-4	Vinyl Acetate	ND	31	12	ug/kg	
	m,p-Xylene	ND	12	3.1	ug/kg	
95-47-6	o-Xylene	ND	6.2	2.5	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	93%		78-123%
2037-26-5	Toluene-D8	94%		71-137%
460-00-4	4-Bromofluorobenzene	100%		61-157%
17060-07-0	1,2-Dichloroethane-D4	95%		74-125%

(a) Sample was received in a bulk container but was not preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB05-38,47		
Lab Sample ID:	F35540-17	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	76.2
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F012023.D	1	10/17/05	NJ	10/12/05	OP14667	SF656
Run #2							

	Initial Weight	Final Volume
Run #1	30.3 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1100	430	ug/kg	
95-57-8	2-Chlorophenol	ND	220	43	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	220	43	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	220	43	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	220	43	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1100	430	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	430	87	ug/kg	
95-48-7	2-Methylphenol	ND	220	43	ug/kg	
	3&4-Methylphenol	ND	220	43	ug/kg	
88-75-5	2-Nitrophenol	ND	220	43	ug/kg	
100-02-7	4-Nitrophenol	ND	1100	430	ug/kg	
87-86-5	Pentachlorophenol	ND	1100	430	ug/kg	
108-95-2	Phenol	ND	220	43	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	220	43	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	220	43	ug/kg	
83-32-9	Acenaphthene	ND	220	43	ug/kg	
208-96-8	Acenaphthylene	ND	220	43	ug/kg	
120-12-7	Anthracene	ND	220	43	ug/kg	
92-87-5	Benzidine	ND	2200	1100	ug/kg	
56-55-3	Benzo(a)anthracene	ND	220	43	ug/kg	
50-32-8	Benzo(a)pyrene	ND	220	43	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	220	43	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	220	87	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	220	43	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	220	43	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	430	110	ug/kg	
100-51-6	Benzyl Alcohol	ND	220	43	ug/kg	
91-58-7	2-Chloronaphthalene	ND	220	43	ug/kg	
106-47-8	4-Chloroaniline	ND	430	170	ug/kg	
218-01-9	Chrysene	ND	220	43	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	220	43	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	220	87	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB05-38,47		
Lab Sample ID:	F35540-17	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	76.2
Project:	HOLMN		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	220	43	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	220	43	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	220	43	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	220	43	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	220	43	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	220	87	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	220	87	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	430	220	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	220	87	ug/kg	
132-64-9	Dibenzofuran	ND	220	43	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	430	110	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	430	220	ug/kg	
84-66-2	Diethyl phthalate	ND	430	110	ug/kg	
131-11-3	Dimethyl phthalate	ND	430	110	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	430	220	ug/kg	
206-44-0	Fluoranthene	ND	220	43	ug/kg	
86-73-7	Fluorene	ND	220	43	ug/kg	
118-74-1	Hexachlorobenzene	ND	220	43	ug/kg	
87-68-3	Hexachlorobutadiene	ND	220	87	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	220	87	ug/kg	
67-72-1	Hexachloroethane	ND	220	87	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	220	87	ug/kg	
78-59-1	Isophorone	ND	220	43	ug/kg	
91-57-6	2-Methylnaphthalene	ND	220	43	ug/kg	
88-74-4	2-Nitroaniline	ND	430	110	ug/kg	
99-09-2	3-Nitroaniline	ND	430	110	ug/kg	
100-01-6	4-Nitroaniline	ND	430	150	ug/kg	
91-20-3	Naphthalene	ND	220	43	ug/kg	
98-95-3	Nitrobenzene	ND	220	43	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	220	87	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	220	43	ug/kg	
85-01-8	Phenanthrene	ND	220	43	ug/kg	
129-00-0	Pyrene	ND	220	87	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	220	43	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	71%		45-114%
4165-62-2	Phenol-d5	66%		44-124%
118-79-6	2,4,6-Tribromophenol	72%		50-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB05-38,47		
Lab Sample ID:	F35540-17	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	76.2
Project:	HOLMN		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	69%		41-123%
321-60-8	2-Fluorobiphenyl	73%		46-122%
1718-51-0	Terphenyl-d14	75%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB05-38,47		
Lab Sample ID:	F35540-17	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8015 SW846 5030A	**Percent Solids:**	76.2
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	HH017137.D	1	10/18/05	AB	10/07/05 15:20	n/a	GHH779
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	4.84 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	8.3	4.2	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	98%		62-135%
98-08-8	aaa-Trifluorotoluene	84%		65-118%

(a) Sample was received in a bulk container and preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB05-38,47		
Lab Sample ID:	F35540-17	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	76.2
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	IJ26289.D	1	10/17/05	SD	10/10/05	OP14639	GIJ1243
Run #2							

	Initial Weight	Final Volume
Run #1	30.3 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	11	6.5	mg/kg	
	TPH (> C22-C36)	ND	11	6.5	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	57%		57-115%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB05-60,66		
Lab Sample ID:	F35540-18	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8260B SW846 5030A	**Percent Solids:**	74.6
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0035243.D	1	10/18/05	JG	10/07/05 15:20	n/a	VG1356
Run #2							

	Initial Weight
Run #1	5.06 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	66	33	ug/kg	
75-05-8	Acetonitrile	ND	66	26	ug/kg	
107-02-8	Acrolein	ND	33	17	ug/kg	
107-13-1	Acrylonitrile	ND	33	17	ug/kg	
107-05-1	Allyl chloride	ND	33	6.6	ug/kg	
71-43-2	Benzene	ND	6.6	2.6	ug/kg	
100-44-7	Benzyl Chloride	ND	6.6	3.3	ug/kg	
108-86-1	Bromobenzene	ND	6.6	2.6	ug/kg	
74-97-5	Bromochloromethane	ND	6.6	2.6	ug/kg	
75-27-4	Bromodichloromethane	ND	6.6	2.6	ug/kg	
75-25-2	Bromoform	ND	6.6	2.6	ug/kg	
104-51-8	n-Butylbenzene	ND	6.6	2.6	ug/kg	
135-98-8	sec-Butylbenzene	ND	6.6	2.6	ug/kg	
98-06-6	tert-Butylbenzene	ND	6.6	2.6	ug/kg	
108-90-7	Chlorobenzene	ND	6.6	2.6	ug/kg	
75-00-3	Chloroethane	ND	6.6	2.6	ug/kg	
67-66-3	Chloroform	ND	6.6	2.6	ug/kg	
544-10-5	1-Chlorohexane	ND	6.6	2.6	ug/kg	
95-49-8	o-Chlorotoluene	ND	6.6	2.6	ug/kg	
106-43-4	p-Chlorotoluene	ND	6.6	2.6	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	33	13	ug/kg	
75-15-0	Carbon disulfide	ND	6.6	2.6	ug/kg	
56-23-5	Carbon tetrachloride	ND	6.6	2.6	ug/kg	
75-34-3	1,1-Dichloroethane	ND	6.6	2.6	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	6.6	2.6	ug/kg	
563-58-6	1,1-Dichloropropene	ND	6.6	2.6	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	6.6	2.6	ug/kg	
106-93-4	1,2-Dibromoethane	ND	6.6	2.6	ug/kg	
107-06-2	1,2-Dichloroethane	ND	6.6	2.6	ug/kg	
78-87-5	1,2-Dichloropropane	ND	6.6	2.6	ug/kg	
142-28-9	1,3-Dichloropropane	ND	6.6	2.6	ug/kg	
594-20-7	2,2-Dichloropropane	ND	6.6	2.6	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB05-60,66		
Lab Sample ID:	F35540-18	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8260B SW846 5030A	**Percent Solids:**	74.6
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	6.6	2.6	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.6	4.0	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	6.6	2.6	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	6.6	2.6	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	33		ug/kg	
541-73-1	m-Dichlorobenzene	ND	6.6	2.6	ug/kg	
95-50-1	o-Dichlorobenzene	ND	6.6	2.6	ug/kg	
106-46-7	p-Dichlorobenzene	ND	6.6	2.6	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	6.6	2.6	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	6.6	2.6	ug/kg	
100-41-4	Ethylbenzene	ND	6.6	2.6	ug/kg	
97-63-2	Ethyl methacrylate	ND	33	6.6	ug/kg	
76-13-1	Freon 113	ND	6.6	2.6	ug/kg	
591-78-6	2-Hexanone	ND	33	13	ug/kg	
87-68-3	Hexachlorobutadiene	ND	6.6	2.6	ug/kg	
110-54-3	Hexane	ND	6.6	2.6	ug/kg	
98-82-8	Isopropylbenzene	ND	6.6	2.6	ug/kg	
99-87-6	p-Isopropyltoluene	ND	6.6	2.6	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	33	13	ug/kg	
126-98-7	Methacrylonitrile	ND	33	13	ug/kg	
74-83-9	Methyl bromide	ND	6.6	2.6	ug/kg	
74-87-3	Methyl chloride	ND	6.6	2.6	ug/kg	
74-88-4	Methyl iodide	ND	13	2.6	ug/kg	
80-62-6	Methyl methacrylate	ND	33	6.6	ug/kg	
74-95-3	Methylene bromide	ND	6.6	2.6	ug/kg	
75-09-2	Methylene chloride	ND	13	6.6	ug/kg	
78-93-3	Methyl ethyl ketone	ND	33	13	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	6.6	2.6	ug/kg	
91-20-3	Naphthalene	ND	6.6	2.6	ug/kg	
76-01-7	Pentachloroethane	ND	33	6.6	ug/kg	
107-12-0	Propionitrile	ND	66	13	ug/kg	
103-65-1	n-Propylbenzene	ND	6.6	2.6	ug/kg	
100-42-5	Styrene	ND	6.6	2.6	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	6.6	2.6	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	6.6	2.6	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6.6	2.6	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	6.6	2.6	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.6	2.6	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	6.6	2.6	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.6	2.6	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB05-60,66		
Lab Sample ID:	F35540-18	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8260B SW846 5030A	**Percent Solids:**	74.6
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	6.6	2.6	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	6.6	2.6	ug/kg	
127-18-4	Tetrachloroethylene	ND	6.6	2.6	ug/kg	
108-88-3	Toluene	ND	6.6	2.6	ug/kg	
79-01-6	Trichloroethylene	ND	6.6	2.6	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.6	2.6	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	33	13	ug/kg	
75-01-4	Vinyl chloride	ND	6.6	2.6	ug/kg	
108-05-4	Vinyl Acetate	ND	33	13	ug/kg	
	m,p-Xylene	ND	13	3.3	ug/kg	
95-47-6	o-Xylene	ND	6.6	2.6	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		78-123%
2037-26-5	Toluene-D8	96%		71-137%
460-00-4	4-Bromofluorobenzene	93%		61-157%
17060-07-0	1,2-Dichloroethane-D4	99%		74-125%

(a) Sample was received in a bulk container but was not preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB05-60,66		
Lab Sample ID:	F35540-18	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	74.6
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F012024.D	1	10/17/05	NJ	10/12/05	OP14667	SF656
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1100	450	ug/kg	
95-57-8	2-Chlorophenol	ND	220	45	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	220	45	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	220	45	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	220	45	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1100	450	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	450	89	ug/kg	
95-48-7	2-Methylphenol	ND	220	45	ug/kg	
	3&4-Methylphenol	ND	220	45	ug/kg	
88-75-5	2-Nitrophenol	ND	220	45	ug/kg	
100-02-7	4-Nitrophenol	ND	1100	450	ug/kg	
87-86-5	Pentachlorophenol	ND	1100	450	ug/kg	
108-95-2	Phenol	ND	220	45	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	220	45	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	220	45	ug/kg	
83-32-9	Acenaphthene	ND	220	45	ug/kg	
208-96-8	Acenaphthylene	ND	220	45	ug/kg	
120-12-7	Anthracene	ND	220	45	ug/kg	
92-87-5	Benzidine	ND	2200	1100	ug/kg	
56-55-3	Benzo(a)anthracene	ND	220	45	ug/kg	
50-32-8	Benzo(a)pyrene	ND	220	45	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	220	45	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	220	89	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	220	45	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	220	45	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	450	110	ug/kg	
100-51-6	Benzyl Alcohol	ND	220	45	ug/kg	
91-58-7	2-Chloronaphthalene	ND	220	45	ug/kg	
106-47-8	4-Chloroaniline	ND	450	180	ug/kg	
218-01-9	Chrysene	ND	220	45	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	220	45	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	220	89	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB05-60,66		
Lab Sample ID:	F35540-18	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	74.6
Project:	HOLMN		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	220	45	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	220	45	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	220	45	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	220	45	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	220	45	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	220	89	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	220	89	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	450	220	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	220	89	ug/kg	
132-64-9	Dibenzofuran	ND	220	45	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	450	110	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	450	220	ug/kg	
84-66-2	Diethyl phthalate	ND	450	110	ug/kg	
131-11-3	Dimethyl phthalate	ND	450	110	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	450	220	ug/kg	
206-44-0	Fluoranthene	ND	220	45	ug/kg	
86-73-7	Fluorene	ND	220	45	ug/kg	
118-74-1	Hexachlorobenzene	ND	220	45	ug/kg	
87-68-3	Hexachlorobutadiene	ND	220	89	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	220	89	ug/kg	
67-72-1	Hexachloroethane	ND	220	89	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	220	89	ug/kg	
78-59-1	Isophorone	ND	220	45	ug/kg	
91-57-6	2-Methylnaphthalene	ND	220	45	ug/kg	
88-74-4	2-Nitroaniline	ND	450	110	ug/kg	
99-09-2	3-Nitroaniline	ND	450	110	ug/kg	
100-01-6	4-Nitroaniline	ND	450	160	ug/kg	
91-20-3	Naphthalene	ND	220	45	ug/kg	
98-95-3	Nitrobenzene	ND	220	45	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	220	89	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	220	45	ug/kg	
85-01-8	Phenanthrene	ND	220	45	ug/kg	
129-00-0	Pyrene	ND	220	89	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	220	45	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	77%		45-114%
4165-62-2	Phenol-d5	70%		44-124%
118-79-6	2,4,6-Tribromophenol	74%		50-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB05-60,66		
Lab Sample ID:	F35540-18	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	74.6
Project:	HOLMN		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	72%		41-123%
321-60-8	2-Fluorobiphenyl	76%		46-122%
1718-51-0	Terphenyl-d14	76%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB05-60,66		
Lab Sample ID:	F35540-18	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8015 SW846 5030A	**Percent Solids:**	74.6
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	HH017138.D	1	10/18/05	AB	10/07/05 15:20	n/a	GHH779
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.08 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	8.3	4.1	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	95%		62-135%
98-08-8	aaa-Trifluorotoluene	82%		65-118%

(a) Sample was received in a bulk container and preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB05-60,66		
Lab Sample ID:	F35540-18	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	74.6
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	IJ26255.D	1	10/15/05	SD	10/10/05	OP14639	GIJ1242
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	11	6.7	mg/kg	
	TPH (> C22-C36)	ND	11	6.7	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	63%		57-115%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	EQUIPMENT BLANK		
Lab Sample ID:	F35540-19	**Date Sampled:**	10/05/05
Matrix:	AQ - Equipment Blank	**Date Received:**	10/07/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J018528.D	1	10/14/05	MM	n/a	n/a	VJ766
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	5.0	ug/l	
75-05-8	Acetonitrile	ND	20	10	ug/l	
107-02-8	Acrolein	ND	10	5.0	ug/l	
107-13-1	Acrylonitrile	ND	10	5.0	ug/l	
107-05-1	Allyl chloride	ND	10	5.0	ug/l	
71-43-2	Benzene	ND	1.0	0.50	ug/l	
100-44-7	Benzyl Chloride	ND	1.0	0.60	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.50	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.50	ug/l	
75-25-2	Bromoform	ND	1.0	0.50	ug/l	
104-51-8	n-Butylbenzene	ND	1.0	0.50	ug/l	
135-98-8	sec-Butylbenzene	ND	1.0	0.50	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
75-00-3	Chloroethane	ND	2.0	1.0	ug/l	
67-66-3	Chloroform	1.9	1.0	0.50	ug/l	
544-10-5	1-Chlorohexane	ND	2.0	1.0	ug/l	
95-49-8	o-Chlorotoluene	ND	1.0	0.50	ug/l	
106-43-4	p-Chlorotoluene	ND	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
75-15-0	Carbon disulfide	ND	2.0	1.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.50	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.50	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.50	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	EQUIPMENT BLANK		
Lab Sample ID:	F35540-19	**Date Sampled:**	10/05/05
Matrix:	AQ - Equipment Blank	**Date Received:**	10/07/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	10		ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
97-63-2	Ethyl methacrylate	ND	5.0	2.0	ug/l	
76-13-1	Freon 113	ND	1.0	0.60	ug/l	
591-78-6	2-Hexanone	ND	5.0	2.5	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.50	ug/l	
110-54-3	Hexane	ND	2.0	1.0	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.50	ug/l	
99-87-6	p-Isopropyltoluene	ND	1.0	0.50	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	5.0	2.5	ug/l	
126-98-7	Methacrylonitrile	ND	20	10	ug/l	
74-83-9	Methyl bromide	ND	2.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	2.0	1.0	ug/l	
74-88-4	Methyl iodide	ND	5.0	2.5	ug/l	
80-62-6	Methyl methacrylate	ND	5.0	2.5	ug/l	
74-95-3	Methylene bromide	ND	2.0	0.50	ug/l	
75-09-2	Methylene chloride	ND	5.0	1.0	ug/l	
78-93-3	Methyl ethyl ketone	ND	5.0	2.5	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
91-20-3	Naphthalene	ND	2.0	1.0	ug/l	
76-01-7	Pentachloroethane	ND	10	5.0	ug/l	
107-12-0	Propionitrile	ND	20	10	ug/l	
103-65-1	n-Propylbenzene	ND	1.0	0.50	ug/l	
100-42-5	Styrene	ND	1.0	0.50	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.40	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.50	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	EQUIPMENT BLANK		
Lab Sample ID:	F35540-19	**Date Sampled:**	10/05/05
Matrix:	AQ - Equipment Blank	**Date Received:**	10/07/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.50	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.50	ug/l	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	10	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.50	ug/l	
108-05-4	Vinyl Acetate	ND	10	5.0	ug/l	
	m,p-Xylene	ND	2.0	0.50	ug/l	
95-47-6	o-Xylene	ND	1.0	0.50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		86-115%
17060-07-0	1,2-Dichloroethane-D4	114%		73-126%
2037-26-5	Toluene-D8	99%		86-112%
460-00-4	4-Bromofluorobenzene	112%		83-119%

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Report of Analysis

Client Sample ID:	EQUIPMENT BLANK		
Lab Sample ID:	F35540-19	**Date Sampled:**	10/05/05
Matrix:	AQ - Equipment Blank	**Date Received:**	10/07/05
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F011977.D	1	10/13/05	NJ	10/12/05	OP14669	SF653
Run #2							

	Initial Volume	Final Volume
Run #1	1040 ml	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	24	9.6	ug/l	
95-57-8	2-Chlorophenol	ND	4.8	1.9	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	4.8	1.9	ug/l	
120-83-2	2,4-Dichlorophenol	ND	4.8	1.9	ug/l	
105-67-9	2,4-Dimethylphenol	ND	4.8	1.9	ug/l	
51-28-5	2,4-Dinitrophenol	ND	24	9.6	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	9.6	4.8	ug/l	
95-48-7	2-Methylphenol	ND	4.8	1.9	ug/l	
	3&4-Methylphenol	ND	4.8	1.9	ug/l	
88-75-5	2-Nitrophenol	ND	4.8	1.9	ug/l	
100-02-7	4-Nitrophenol	ND	24	9.6	ug/l	
87-86-5	Pentachlorophenol	ND	24	9.6	ug/l	
108-95-2	Phenol	ND	4.8	1.9	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	4.8	1.9	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	4.8	1.9	ug/l	
83-32-9	Acenaphthene	ND	4.8	0.96	ug/l	
208-96-8	Acenaphthylene	ND	4.8	0.96	ug/l	
120-12-7	Anthracene	ND	4.8	0.96	ug/l	
92-87-5	Benzidine	ND	24	14	ug/l	
56-55-3	Benzo(a)anthracene	ND	4.8	0.96	ug/l	
50-32-8	Benzo(a)pyrene	ND	4.8	0.96	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	4.8	0.96	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	4.8	1.9	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	4.8	0.96	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	4.8	0.96	ug/l	
85-68-7	Butyl benzyl phthalate	ND	4.8	1.9	ug/l	
100-51-6	Benzyl Alcohol	ND	4.8	0.96	ug/l	
91-58-7	2-Chloronaphthalene	ND	4.8	0.96	ug/l	
106-47-8	4-Chloroaniline	ND	9.6	3.8	ug/l	
218-01-9	Chrysene	ND	4.8	0.96	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	4.8	0.96	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	4.8	1.9	ug/l	

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B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	EQUIPMENT BLANK		
Lab Sample ID:	F35540-19	**Date Sampled:**	10/05/05
Matrix:	AQ - Equipment Blank	**Date Received:**	10/07/05
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	HOLMN		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	4.8	0.96	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	4.8	0.96	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	4.8	0.96	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	4.8	0.96	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	4.8	0.96	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	4.8	1.9	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	4.8	1.9	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	9.6	4.8	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	4.8	1.9	ug/l	
132-64-9	Dibenzofuran	ND	4.8	0.96	ug/l	
84-74-2	Di-n-butyl phthalate	ND	4.8	1.9	ug/l	
117-84-0	Di-n-octyl phthalate	ND	4.8	2.4	ug/l	
84-66-2	Diethyl phthalate	ND	4.8	1.9	ug/l	
131-11-3	Dimethyl phthalate	ND	4.8	1.9	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	4.8	2.4	ug/l	
206-44-0	Fluoranthene	ND	4.8	0.96	ug/l	
86-73-7	Fluorene	ND	4.8	0.96	ug/l	
118-74-1	Hexachlorobenzene	ND	4.8	0.96	ug/l	
87-68-3	Hexachlorobutadiene	ND	4.8	1.9	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	4.8	1.9	ug/l	
67-72-1	Hexachloroethane	ND	4.8	1.9	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	4.8	1.9	ug/l	
78-59-1	Isophorone	ND	4.8	0.96	ug/l	
91-57-6	2-Methylnaphthalene	ND	4.8	0.96	ug/l	
88-74-4	2-Nitroaniline	ND	9.6	3.8	ug/l	
99-09-2	3-Nitroaniline	ND	9.6	3.8	ug/l	
100-01-6	4-Nitroaniline	ND	9.6	3.8	ug/l	
91-20-3	Naphthalene	ND	4.8	0.96	ug/l	
98-95-3	Nitrobenzene	ND	4.8	0.96	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	4.8	1.9	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	4.8	1.9	ug/l	
85-01-8	Phenanthrene	ND	4.8	0.96	ug/l	
129-00-0	Pyrene	ND	4.8	0.96	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	4.8	0.96	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	37%		19-90%
4165-62-2	Phenol-d5	21%		10-68%
118-79-6	2,4,6-Tribromophenol	68%		36-137%

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RL = Reporting Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	EQUIPMENT BLANK		
Lab Sample ID:	F35540-19	**Date Sampled:**	10/05/05
Matrix:	AQ - Equipment Blank	**Date Received:**	10/07/05
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	HOLMN		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	62%		49-119%
321-60-8	2-Fluorobiphenyl	65%		45-118%
1718-51-0	Terphenyl-d14	69%		46-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	F35540-20	**Date Sampled:**	10/05/05
Matrix:	AQ - Trip Blank Soil	**Date Received:**	10/07/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J018530.D	1	10/14/05	MM	n/a	n/a	VJ766
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	5.0	ug/l	
75-05-8	Acetonitrile	ND	20	10	ug/l	
107-02-8	Acrolein	ND	10	5.0	ug/l	
107-13-1	Acrylonitrile	ND	10	5.0	ug/l	
107-05-1	Allyl chloride	ND	10	5.0	ug/l	
71-43-2	Benzene	ND	1.0	0.50	ug/l	
100-44-7	Benzyl Chloride	ND	1.0	0.60	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.50	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.50	ug/l	
75-25-2	Bromoform	ND	1.0	0.50	ug/l	
104-51-8	n-Butylbenzene	ND	1.0	0.50	ug/l	
135-98-8	sec-Butylbenzene	ND	1.0	0.50	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
75-00-3	Chloroethane	ND	2.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
544-10-5	1-Chlorohexane	ND	2.0	1.0	ug/l	
95-49-8	o-Chlorotoluene	ND	1.0	0.50	ug/l	
106-43-4	p-Chlorotoluene	ND	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
75-15-0	Carbon disulfide	ND	2.0	1.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.50	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.50	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.50	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	F35540-20	**Date Sampled:**	10/05/05
Matrix:	AQ - Trip Blank Soil	**Date Received:**	10/07/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	10		ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
97-63-2	Ethyl methacrylate	ND	5.0	2.0	ug/l	
76-13-1	Freon 113	ND	1.0	0.60	ug/l	
591-78-6	2-Hexanone	ND	5.0	2.5	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.50	ug/l	
110-54-3	Hexane	ND	2.0	1.0	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.50	ug/l	
99-87-6	p-Isopropyltoluene	ND	1.0	0.50	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	5.0	2.5	ug/l	
126-98-7	Methacrylonitrile	ND	20	10	ug/l	
74-83-9	Methyl bromide	ND	2.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	2.0	1.0	ug/l	
74-88-4	Methyl iodide	ND	5.0	2.5	ug/l	
80-62-6	Methyl methacrylate	ND	5.0	2.5	ug/l	
74-95-3	Methylene bromide	ND	2.0	0.50	ug/l	
75-09-2	Methylene chloride	ND	5.0	1.0	ug/l	
78-93-3	Methyl ethyl ketone	ND	5.0	2.5	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
91-20-3	Naphthalene	ND	2.0	1.0	ug/l	
76-01-7	Pentachloroethane	ND	10	5.0	ug/l	
107-12-0	Propionitrile	ND	20	10	ug/l	
103-65-1	n-Propylbenzene	ND	1.0	0.50	ug/l	
100-42-5	Styrene	ND	1.0	0.50	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.40	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.50	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	F35540-20	**Date Sampled:**	10/05/05
Matrix:	AQ - Trip Blank Soil	**Date Received:**	10/07/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.50	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.50	ug/l	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	10	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.50	ug/l	
108-05-4	Vinyl Acetate	ND	10	5.0	ug/l	
	m,p-Xylene	ND	2.0	0.50	ug/l	
95-47-6	o-Xylene	ND	1.0	0.50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		86-115%
17060-07-0	1,2-Dichloroethane-D4	119%		73-126%
2037-26-5	Toluene-D8	99%		86-112%
460-00-4	4-Bromofluorobenzene	114%		83-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB08-4,8		
Lab Sample ID:	F35540-21	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8260B SW846 5030A	**Percent Solids:**	77.2
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0035244.D	1	10/18/05	JG	10/07/05 15:20	n/a	VG1356
Run #2							

	Initial Weight
Run #1	5.00 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	65	32	ug/kg	
75-05-8	Acetonitrile	ND	65	26	ug/kg	
107-02-8	Acrolein	ND	32	16	ug/kg	
107-13-1	Acrylonitrile	ND	32	16	ug/kg	
107-05-1	Allyl chloride	ND	32	6.5	ug/kg	
71-43-2	Benzene	ND	6.5	2.6	ug/kg	
100-44-7	Benzyl Chloride	ND	6.5	3.2	ug/kg	
108-86-1	Bromobenzene	ND	6.5	2.6	ug/kg	
74-97-5	Bromochloromethane	ND	6.5	2.6	ug/kg	
75-27-4	Bromodichloromethane	ND	6.5	2.6	ug/kg	
75-25-2	Bromoform	ND	6.5	2.6	ug/kg	
104-51-8	n-Butylbenzene	ND	6.5	2.6	ug/kg	
135-98-8	sec-Butylbenzene	ND	6.5	2.6	ug/kg	
98-06-6	tert-Butylbenzene	ND	6.5	2.6	ug/kg	
108-90-7	Chlorobenzene	ND	6.5	2.6	ug/kg	
75-00-3	Chloroethane	ND	6.5	2.6	ug/kg	
67-66-3	Chloroform	ND	6.5	2.6	ug/kg	
544-10-5	1-Chlorohexane	ND	6.5	2.6	ug/kg	
95-49-8	o-Chlorotoluene	ND	6.5	2.6	ug/kg	
106-43-4	p-Chlorotoluene	ND	6.5	2.6	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	32	13	ug/kg	
75-15-0	Carbon disulfide	ND	6.5	2.6	ug/kg	
56-23-5	Carbon tetrachloride	ND	6.5	2.6	ug/kg	
75-34-3	1,1-Dichloroethane	ND	6.5	2.6	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	6.5	2.6	ug/kg	
563-58-6	1,1-Dichloropropene	ND	6.5	2.6	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	6.5	2.6	ug/kg	
106-93-4	1,2-Dibromoethane	ND	6.5	2.6	ug/kg	
107-06-2	1,2-Dichloroethane	ND	6.5	2.6	ug/kg	
78-87-5	1,2-Dichloropropane	ND	6.5	2.6	ug/kg	
142-28-9	1,3-Dichloropropane	ND	6.5	2.6	ug/kg	
594-20-7	2,2-Dichloropropane	ND	6.5	2.6	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB08-4,8		
Lab Sample ID:	F35540-21	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8260B SW846 5030A	**Percent Solids:**	77.2
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	6.5	2.6	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.5	3.9	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	6.5	2.6	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	6.5	2.6	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	32		ug/kg	
541-73-1	m-Dichlorobenzene	ND	6.5	2.6	ug/kg	
95-50-1	o-Dichlorobenzene	ND	6.5	2.6	ug/kg	
106-46-7	p-Dichlorobenzene	ND	6.5	2.6	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	6.5	2.6	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	6.5	2.6	ug/kg	
100-41-4	Ethylbenzene	ND	6.5	2.6	ug/kg	
97-63-2	Ethyl methacrylate	ND	32	6.5	ug/kg	
76-13-1	Freon 113	ND	6.5	2.6	ug/kg	
591-78-6	2-Hexanone	ND	32	13	ug/kg	
87-68-3	Hexachlorobutadiene	ND	6.5	2.6	ug/kg	
110-54-3	Hexane	ND	6.5	2.6	ug/kg	
98-82-8	Isopropylbenzene	ND	6.5	2.6	ug/kg	
99-87-6	p-Isopropyltoluene	ND	6.5	2.6	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	32	13	ug/kg	
126-98-7	Methacrylonitrile	ND	32	13	ug/kg	
74-83-9	Methyl bromide	ND	6.5	2.6	ug/kg	
74-87-3	Methyl chloride	ND	6.5	2.6	ug/kg	
74-88-4	Methyl iodide	ND	13	2.6	ug/kg	
80-62-6	Methyl methacrylate	ND	32	6.5	ug/kg	
74-95-3	Methylene bromide	ND	6.5	2.6	ug/kg	
75-09-2	Methylene chloride	ND	13	6.5	ug/kg	
78-93-3	Methyl ethyl ketone	ND	32	13	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	6.5	2.6	ug/kg	
91-20-3	Naphthalene	ND	6.5	2.6	ug/kg	
76-01-7	Pentachloroethane	ND	32	6.5	ug/kg	
107-12-0	Propionitrile	ND	65	13	ug/kg	
103-65-1	n-Propylbenzene	ND	6.5	2.6	ug/kg	
100-42-5	Styrene	ND	6.5	2.6	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	6.5	2.6	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	6.5	2.6	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6.5	2.6	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	6.5	2.6	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.5	2.6	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	6.5	2.6	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.5	2.6	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB08-4,8		
Lab Sample ID:	F35540-21	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8260B SW846 5030A	**Percent Solids:**	77.2
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	6.5	2.6	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	6.5	2.6	ug/kg	
127-18-4	Tetrachloroethylene	ND	6.5	2.6	ug/kg	
108-88-3	Toluene	ND	6.5	2.6	ug/kg	
79-01-6	Trichloroethylene	ND	6.5	2.6	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.5	2.6	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	32	13	ug/kg	
75-01-4	Vinyl chloride	ND	6.5	2.6	ug/kg	
108-05-4	Vinyl Acetate	ND	32	13	ug/kg	
	m,p-Xylene	ND	13	3.2	ug/kg	
95-47-6	o-Xylene	ND	6.5	2.6	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		78-123%
2037-26-5	Toluene-D8	95%		71-137%
460-00-4	4-Bromofluorobenzene	98%		61-157%
17060-07-0	1,2-Dichloroethane-D4	100%		74-125%

(a) Sample was received in a bulk container but was not preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB08-4,8		
Lab Sample ID:	F35540-21	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	77.2
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F012025.D	1	10/17/05	NJ	10/12/05	OP14667	SF656
Run #2							

	Initial Weight	Final Volume
Run #1	30.5 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1100	420	ug/kg	
95-57-8	2-Chlorophenol	ND	210	42	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	210	42	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	210	42	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	210	42	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1100	420	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	420	85	ug/kg	
95-48-7	2-Methylphenol	ND	210	42	ug/kg	
	3&4-Methylphenol	ND	210	42	ug/kg	
88-75-5	2-Nitrophenol	ND	210	42	ug/kg	
100-02-7	4-Nitrophenol	ND	1100	420	ug/kg	
87-86-5	Pentachlorophenol	ND	1100	420	ug/kg	
108-95-2	Phenol	ND	210	42	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	210	42	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	210	42	ug/kg	
83-32-9	Acenaphthene	ND	210	42	ug/kg	
208-96-8	Acenaphthylene	ND	210	42	ug/kg	
120-12-7	Anthracene	ND	210	42	ug/kg	
92-87-5	Benzidine	ND	2100	1100	ug/kg	
56-55-3	Benzo(a)anthracene	ND	210	42	ug/kg	
50-32-8	Benzo(a)pyrene	ND	210	42	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	210	42	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	210	85	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	210	42	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	210	42	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	420	110	ug/kg	
100-51-6	Benzyl Alcohol	ND	210	42	ug/kg	
91-58-7	2-Chloronaphthalene	ND	210	42	ug/kg	
106-47-8	4-Chloroaniline	ND	420	170	ug/kg	
218-01-9	Chrysene	ND	210	42	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	210	42	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	210	85	ug/kg	

ND = Not detected MDL - Method Detection Limit
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E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB08-4,8		
Lab Sample ID:	F35540-21	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	77.2
Project:	HOLMN		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	210	42	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	210	42	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	210	42	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	210	42	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	210	42	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	210	85	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	210	85	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	420	210	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	210	85	ug/kg	
132-64-9	Dibenzofuran	ND	210	42	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	420	110	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	420	210	ug/kg	
84-66-2	Diethyl phthalate	ND	420	110	ug/kg	
131-11-3	Dimethyl phthalate	ND	420	110	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	420	210	ug/kg	
206-44-0	Fluoranthene	ND	210	42	ug/kg	
86-73-7	Fluorene	ND	210	42	ug/kg	
118-74-1	Hexachlorobenzene	ND	210	42	ug/kg	
87-68-3	Hexachlorobutadiene	ND	210	85	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	210	85	ug/kg	
67-72-1	Hexachloroethane	ND	210	85	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	210	85	ug/kg	
78-59-1	Isophorone	ND	210	42	ug/kg	
91-57-6	2-Methylnaphthalene	ND	210	42	ug/kg	
88-74-4	2-Nitroaniline	ND	420	110	ug/kg	
99-09-2	3-Nitroaniline	ND	420	110	ug/kg	
100-01-6	4-Nitroaniline	ND	420	150	ug/kg	
91-20-3	Naphthalene	ND	210	42	ug/kg	
98-95-3	Nitrobenzene	ND	210	42	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	210	85	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	210	42	ug/kg	
85-01-8	Phenanthrene	ND	210	42	ug/kg	
129-00-0	Pyrene	ND	210	85	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	210	42	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	69%		45-114%
4165-62-2	Phenol-d5	64%		44-124%
118-79-6	2,4,6-Tribromophenol	66%		50-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB08-4,8		
Lab Sample ID:	F35540-21	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	77.2
Project:	HOLMN		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	69%		41-123%
321-60-8	2-Fluorobiphenyl	73%		46-122%
1718-51-0	Terphenyl-d14	74%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB08-4,8		
Lab Sample ID:	F35540-21	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8015 SW846 5030A	**Percent Solids:**	77.2
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	HH017146.D	1	10/18/05	AB	10/07/05 15:20	n/a	GHH780
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	4.96 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	8.0	4.0	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	88%		62-135%
98-08-8	aaa-Trifluorotoluene	94%		65-118%

(a) Sample was received in a bulk container but was not preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB08-4,8		
Lab Sample ID:	F35540-21	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	77.2
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	IJ26258.D	1	10/15/05	SD	10/12/05	OP14665	GIJ1242
Run #2							

	Initial Weight	Final Volume
Run #1	30.2 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	11	6.4	mg/kg	
	TPH (> C22-C36)	ND	11	6.4	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	68%		57-115%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB08-34,39		
Lab Sample ID:	F35540-22	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8260B SW846 5030A	**Percent Solids:**	76.6
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0035245.D	1	10/18/05	JG	10/07/05 15:20	n/a	VG1356
Run #2							

	Initial Weight
Run #1	5.80 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	56	28	ug/kg	
75-05-8	Acetonitrile	ND	56	23	ug/kg	
107-02-8	Acrolein	ND	28	14	ug/kg	
107-13-1	Acrylonitrile	ND	28	14	ug/kg	
107-05-1	Allyl chloride	ND	28	5.6	ug/kg	
71-43-2	Benzene	ND	5.6	2.3	ug/kg	
100-44-7	Benzyl Chloride	ND	5.6	2.8	ug/kg	
108-86-1	Bromobenzene	ND	5.6	2.3	ug/kg	
74-97-5	Bromochloromethane	ND	5.6	2.3	ug/kg	
75-27-4	Bromodichloromethane	ND	5.6	2.3	ug/kg	
75-25-2	Bromoform	ND	5.6	2.3	ug/kg	
104-51-8	n-Butylbenzene	ND	5.6	2.3	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.6	2.3	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.6	2.3	ug/kg	
108-90-7	Chlorobenzene	ND	5.6	2.3	ug/kg	
75-00-3	Chloroethane	ND	5.6	2.3	ug/kg	
67-66-3	Chloroform	ND	5.6	2.3	ug/kg	
544-10-5	1-Chlorohexane	ND	5.6	2.3	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.6	2.3	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.6	2.3	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	28	11	ug/kg	
75-15-0	Carbon disulfide	ND	5.6	2.3	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.6	2.3	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.6	2.3	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	5.6	2.3	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.6	2.3	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.6	2.3	ug/kg	
106-93-4	1,2-Dibromoethane	ND	5.6	2.3	ug/kg	
107-06-2	1,2-Dichloroethane	ND	5.6	2.3	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.6	2.3	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.6	2.3	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.6	2.3	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB08-34,39		
Lab Sample ID:	F35540-22	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8260B SW846 5030A	**Percent Solids:**	76.6
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	5.6	2.3	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.6	3.4	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	5.6	2.3	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.6	2.3	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	28		ug/kg	
541-73-1	m-Dichlorobenzene	ND	5.6	2.3	ug/kg	
95-50-1	o-Dichlorobenzene	ND	5.6	2.3	ug/kg	
106-46-7	p-Dichlorobenzene	ND	5.6	2.3	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	5.6	2.3	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.6	2.3	ug/kg	
100-41-4	Ethylbenzene	ND	5.6	2.3	ug/kg	
97-63-2	Ethyl methacrylate	ND	28	5.6	ug/kg	
76-13-1	Freon 113	ND	5.6	2.3	ug/kg	
591-78-6	2-Hexanone	ND	28	11	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.6	2.3	ug/kg	
110-54-3	Hexane	ND	5.6	2.3	ug/kg	
98-82-8	Isopropylbenzene	ND	5.6	2.3	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.6	2.3	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	28	11	ug/kg	
126-98-7	Methacrylonitrile	ND	28	11	ug/kg	
74-83-9	Methyl bromide	ND	5.6	2.3	ug/kg	
74-87-3	Methyl chloride	ND	5.6	2.3	ug/kg	
74-88-4	Methyl iodide	ND	11	2.3	ug/kg	
80-62-6	Methyl methacrylate	ND	28	5.6	ug/kg	
74-95-3	Methylene bromide	ND	5.6	2.3	ug/kg	
75-09-2	Methylene chloride	ND	11	5.6	ug/kg	
78-93-3	Methyl ethyl ketone	ND	28	11	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.6	2.3	ug/kg	
91-20-3	Naphthalene	ND	5.6	2.3	ug/kg	
76-01-7	Pentachloroethane	ND	28	5.6	ug/kg	
107-12-0	Propionitrile	ND	56	11	ug/kg	
103-65-1	n-Propylbenzene	ND	5.6	2.3	ug/kg	
100-42-5	Styrene	ND	5.6	2.3	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.6	2.3	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.6	2.3	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.6	2.3	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.6	2.3	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.6	2.3	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.6	2.3	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.6	2.3	ug/kg	

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E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB08-34,39		
Lab Sample ID:	F35540-22	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8260B SW846 5030A	**Percent Solids:**	76.6
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	5.6	2.3	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.6	2.3	ug/kg	
127-18-4	Tetrachloroethylene	ND	5.6	2.3	ug/kg	
108-88-3	Toluene	ND	5.6	2.3	ug/kg	
79-01-6	Trichloroethylene	ND	5.6	2.3	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.6	2.3	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	28	11	ug/kg	
75-01-4	Vinyl chloride	ND	5.6	2.3	ug/kg	
108-05-4	Vinyl Acetate	ND	28	11	ug/kg	
	m,p-Xylene	ND	11	2.8	ug/kg	
95-47-6	o-Xylene	ND	5.6	2.3	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	93%		78-123%
2037-26-5	Toluene-D8	95%		71-137%
460-00-4	4-Bromofluorobenzene	95%		61-157%
17060-07-0	1,2-Dichloroethane-D4	96%		74-125%

(a) Sample was received in a bulk container but was not preserved within 48 hours of sampling.

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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB08-34,39		
Lab Sample ID:	F35540-22	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	76.6
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F012026.D	1	10/17/05	NJ	10/12/05	OP14667	SF656
Run #2							

	Initial Weight	Final Volume
Run #1	30.2 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1100	430	ug/kg	
95-57-8	2-Chlorophenol	ND	220	43	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	220	43	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	220	43	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	220	43	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1100	430	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	430	86	ug/kg	
95-48-7	2-Methylphenol	ND	220	43	ug/kg	
	3&4-Methylphenol	ND	220	43	ug/kg	
88-75-5	2-Nitrophenol	ND	220	43	ug/kg	
100-02-7	4-Nitrophenol	ND	1100	430	ug/kg	
87-86-5	Pentachlorophenol	ND	1100	430	ug/kg	
108-95-2	Phenol	ND	220	43	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	220	43	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	220	43	ug/kg	
83-32-9	Acenaphthene	ND	220	43	ug/kg	
208-96-8	Acenaphthylene	ND	220	43	ug/kg	
120-12-7	Anthracene	ND	220	43	ug/kg	
92-87-5	Benzidine	ND	2200	1100	ug/kg	
56-55-3	Benzo(a)anthracene	ND	220	43	ug/kg	
50-32-8	Benzo(a)pyrene	ND	220	43	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	220	43	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	220	86	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	220	43	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	220	43	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	430	110	ug/kg	
100-51-6	Benzyl Alcohol	ND	220	43	ug/kg	
91-58-7	2-Chloronaphthalene	ND	220	43	ug/kg	
106-47-8	4-Chloroaniline	ND	430	170	ug/kg	
218-01-9	Chrysene	ND	220	43	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	220	43	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	220	86	ug/kg	

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Report of Analysis

Client Sample ID:	WPOL-SB08-34,39		
Lab Sample ID:	F35540-22	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	76.6
Project:	HOLMN		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	220	43	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	220	43	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	220	43	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	220	43	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	220	43	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	220	86	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	220	86	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	430	220	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	220	86	ug/kg	
132-64-9	Dibenzofuran	ND	220	43	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	430	110	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	430	220	ug/kg	
84-66-2	Diethyl phthalate	ND	430	110	ug/kg	
131-11-3	Dimethyl phthalate	ND	430	110	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	430	220	ug/kg	
206-44-0	Fluoranthene	ND	220	43	ug/kg	
86-73-7	Fluorene	ND	220	43	ug/kg	
118-74-1	Hexachlorobenzene	ND	220	43	ug/kg	
87-68-3	Hexachlorobutadiene	ND	220	86	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	220	86	ug/kg	
67-72-1	Hexachloroethane	ND	220	86	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	220	86	ug/kg	
78-59-1	Isophorone	ND	220	43	ug/kg	
91-57-6	2-Methylnaphthalene	ND	220	43	ug/kg	
88-74-4	2-Nitroaniline	ND	430	110	ug/kg	
99-09-2	3-Nitroaniline	ND	430	110	ug/kg	
100-01-6	4-Nitroaniline	ND	430	150	ug/kg	
91-20-3	Naphthalene	ND	220	43	ug/kg	
98-95-3	Nitrobenzene	ND	220	43	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	220	86	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	220	43	ug/kg	
85-01-8	Phenanthrene	ND	220	43	ug/kg	
129-00-0	Pyrene	ND	220	86	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	220	43	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	50%		45-114%
4165-62-2	Phenol-d5	46%		44-124%
118-79-6	2,4,6-Tribromophenol	57%		50-128%

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Report of Analysis

Client Sample ID:	WPOL-SB08-34,39		
Lab Sample ID:	F35540-22	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	76.6
Project:	HOLMN		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	49%		41-123%
321-60-8	2-Fluorobiphenyl	49%		46-122%
1718-51-0	Terphenyl-d14	62%		45-135%

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B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB08-34,39		
Lab Sample ID:	F35540-22	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8015 SW846 5030A	**Percent Solids:**	76.6
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	HH017184.D	1	10/19/05	AB	10/07/05 15:20	n/a	GHH781
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.14 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	7.9	3.9	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	85%		62-135%
98-08-8	aaa-Trifluorotoluene	90%		65-118%

(a) Sample was received in a bulk container but was not preserved within 48 hours of sampling.

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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB08-34,39		
Lab Sample ID:	F35540-22	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	76.6
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	IJ26261.D	1	10/16/05	SD	10/12/05	OP14665	GIJ1242
Run #2							

	Initial Weight	Final Volume
Run #1	30.8 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	11	6.4	mg/kg	
	TPH (> C22-C36)	ND	11	6.4	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	68%		57-115%

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RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB08-60,68		
Lab Sample ID:	F35540-23	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8260B SW846 5030A	**Percent Solids:**	74.8
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0035246.D	1	10/18/05	JG	10/07/05 15:20	n/a	VG1356
Run #2							

	Initial Weight
Run #1	4.93 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	68	34	ug/kg	
75-05-8	Acetonitrile	ND	68	27	ug/kg	
107-02-8	Acrolein	ND	34	17	ug/kg	
107-13-1	Acrylonitrile	ND	34	17	ug/kg	
107-05-1	Allyl chloride	ND	34	6.8	ug/kg	
71-43-2	Benzene	ND	6.8	2.7	ug/kg	
100-44-7	Benzyl Chloride	ND	6.8	3.4	ug/kg	
108-86-1	Bromobenzene	ND	6.8	2.7	ug/kg	
74-97-5	Bromochloromethane	ND	6.8	2.7	ug/kg	
75-27-4	Bromodichloromethane	ND	6.8	2.7	ug/kg	
75-25-2	Bromoform	ND	6.8	2.7	ug/kg	
104-51-8	n-Butylbenzene	ND	6.8	2.7	ug/kg	
135-98-8	sec-Butylbenzene	ND	6.8	2.7	ug/kg	
98-06-6	tert-Butylbenzene	ND	6.8	2.7	ug/kg	
108-90-7	Chlorobenzene	ND	6.8	2.7	ug/kg	
75-00-3	Chloroethane	ND	6.8	2.7	ug/kg	
67-66-3	Chloroform	ND	6.8	2.7	ug/kg	
544-10-5	1-Chlorohexane	ND	6.8	2.7	ug/kg	
95-49-8	o-Chlorotoluene	ND	6.8	2.7	ug/kg	
106-43-4	p-Chlorotoluene	ND	6.8	2.7	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	34	14	ug/kg	
75-15-0	Carbon disulfide	ND	6.8	2.7	ug/kg	
56-23-5	Carbon tetrachloride	ND	6.8	2.7	ug/kg	
75-34-3	1,1-Dichloroethane	ND	6.8	2.7	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	6.8	2.7	ug/kg	
563-58-6	1,1-Dichloropropene	ND	6.8	2.7	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	6.8	2.7	ug/kg	
106-93-4	1,2-Dibromoethane	ND	6.8	2.7	ug/kg	
107-06-2	1,2-Dichloroethane	ND	6.8	2.7	ug/kg	
78-87-5	1,2-Dichloropropane	ND	6.8	2.7	ug/kg	
142-28-9	1,3-Dichloropropane	ND	6.8	2.7	ug/kg	
594-20-7	2,2-Dichloropropane	ND	6.8	2.7	ug/kg	

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Report of Analysis

Client Sample ID:	WPOL-SB08-60,68		
Lab Sample ID:	F35540-23	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8260B SW846 5030A	**Percent Solids:**	74.8
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	6.8	2.7	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.8	4.1	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	6.8	2.7	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	6.8	2.7	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	34		ug/kg	
541-73-1	m-Dichlorobenzene	ND	6.8	2.7	ug/kg	
95-50-1	o-Dichlorobenzene	ND	6.8	2.7	ug/kg	
106-46-7	p-Dichlorobenzene	ND	6.8	2.7	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	6.8	2.7	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	6.8	2.7	ug/kg	
100-41-4	Ethylbenzene	ND	6.8	2.7	ug/kg	
97-63-2	Ethyl methacrylate	ND	34	6.8	ug/kg	
76-13-1	Freon 113	ND	6.8	2.7	ug/kg	
591-78-6	2-Hexanone	ND	34	14	ug/kg	
87-68-3	Hexachlorobutadiene	ND	6.8	2.7	ug/kg	
110-54-3	Hexane	ND	6.8	2.7	ug/kg	
98-82-8	Isopropylbenzene	ND	6.8	2.7	ug/kg	
99-87-6	p-Isopropyltoluene	ND	6.8	2.7	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	34	14	ug/kg	
126-98-7	Methacrylonitrile	ND	34	14	ug/kg	
74-83-9	Methyl bromide	ND	6.8	2.7	ug/kg	
74-87-3	Methyl chloride	ND	6.8	2.7	ug/kg	
74-88-4	Methyl iodide	ND	14	2.7	ug/kg	
80-62-6	Methyl methacrylate	ND	34	6.8	ug/kg	
74-95-3	Methylene bromide	ND	6.8	2.7	ug/kg	
75-09-2	Methylene chloride	ND	14	6.8	ug/kg	
78-93-3	Methyl ethyl ketone	ND	34	14	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	6.8	2.7	ug/kg	
91-20-3	Naphthalene	ND	6.8	2.7	ug/kg	
76-01-7	Pentachloroethane	ND	34	6.8	ug/kg	
107-12-0	Propionitrile	ND	68	14	ug/kg	
103-65-1	n-Propylbenzene	ND	6.8	2.7	ug/kg	
100-42-5	Styrene	ND	6.8	2.7	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	6.8	2.7	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	6.8	2.7	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6.8	2.7	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	6.8	2.7	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.8	2.7	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	6.8	2.7	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.8	2.7	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB08-60,68		
Lab Sample ID:	F35540-23	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8260B SW846 5030A	**Percent Solids:**	74.8
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	6.8	2.7	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	6.8	2.7	ug/kg	
127-18-4	Tetrachloroethylene	ND	6.8	2.7	ug/kg	
108-88-3	Toluene	ND	6.8	2.7	ug/kg	
79-01-6	Trichloroethylene	ND	6.8	2.7	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.8	2.7	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	34	14	ug/kg	
75-01-4	Vinyl chloride	ND	6.8	2.7	ug/kg	
108-05-4	Vinyl Acetate	ND	34	14	ug/kg	
	m,p-Xylene	ND	14	3.4	ug/kg	
95-47-6	o-Xylene	ND	6.8	2.7	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		78-123%
2037-26-5	Toluene-D8	95%		71-137%
460-00-4	4-Bromofluorobenzene	92%		61-157%
17060-07-0	1,2-Dichloroethane-D4	97%		74-125%

(a) Sample was received in a bulk container but was not preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB08-60,68		
Lab Sample ID:	F35540-23	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	74.8
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F012027.D	1	10/17/05	NJ	10/12/05	OP14667	SF656
Run #2							

	Initial Weight	Final Volume
Run #1	30.6 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1100	440	ug/kg	
95-57-8	2-Chlorophenol	ND	220	44	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	220	44	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	220	44	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	220	44	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1100	440	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	440	87	ug/kg	
95-48-7	2-Methylphenol	ND	220	44	ug/kg	
	3&4-Methylphenol	ND	220	44	ug/kg	
88-75-5	2-Nitrophenol	ND	220	44	ug/kg	
100-02-7	4-Nitrophenol	ND	1100	440	ug/kg	
87-86-5	Pentachlorophenol	ND	1100	440	ug/kg	
108-95-2	Phenol	ND	220	44	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	220	44	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	220	44	ug/kg	
83-32-9	Acenaphthene	ND	220	44	ug/kg	
208-96-8	Acenaphthylene	ND	220	44	ug/kg	
120-12-7	Anthracene	ND	220	44	ug/kg	
92-87-5	Benzidine	ND	2200	1100	ug/kg	
56-55-3	Benzo(a)anthracene	ND	220	44	ug/kg	
50-32-8	Benzo(a)pyrene	ND	220	44	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	220	44	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	220	87	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	220	44	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	220	44	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	440	110	ug/kg	
100-51-6	Benzyl Alcohol	ND	220	44	ug/kg	
91-58-7	2-Chloronaphthalene	ND	220	44	ug/kg	
106-47-8	4-Chloroaniline	ND	440	170	ug/kg	
218-01-9	Chrysene	ND	220	44	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	220	44	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	220	87	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB08-60,68		
Lab Sample ID:	F35540-23	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	74.8
Project:	HOLMN		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	220	44	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	220	44	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	220	44	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	220	44	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	220	44	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	220	87	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	220	87	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	440	220	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	220	87	ug/kg	
132-64-9	Dibenzofuran	ND	220	44	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	440	110	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	440	220	ug/kg	
84-66-2	Diethyl phthalate	ND	440	110	ug/kg	
131-11-3	Dimethyl phthalate	ND	440	110	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	440	220	ug/kg	
206-44-0	Fluoranthene	ND	220	44	ug/kg	
86-73-7	Fluorene	ND	220	44	ug/kg	
118-74-1	Hexachlorobenzene	ND	220	44	ug/kg	
87-68-3	Hexachlorobutadiene	ND	220	87	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	220	87	ug/kg	
67-72-1	Hexachloroethane	ND	220	87	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	220	87	ug/kg	
78-59-1	Isophorone	ND	220	44	ug/kg	
91-57-6	2-Methylnaphthalene	ND	220	44	ug/kg	
88-74-4	2-Nitroaniline	ND	440	110	ug/kg	
99-09-2	3-Nitroaniline	ND	440	110	ug/kg	
100-01-6	4-Nitroaniline	ND	440	150	ug/kg	
91-20-3	Naphthalene	ND	220	44	ug/kg	
98-95-3	Nitrobenzene	ND	220	44	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	220	87	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	220	44	ug/kg	
85-01-8	Phenanthrene	ND	220	44	ug/kg	
129-00-0	Pyrene	ND	220	87	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	220	44	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	67%		45-114%
4165-62-2	Phenol-d5	62%		44-124%
118-79-6	2,4,6-Tribromophenol	69%		50-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB08-60,68		
Lab Sample ID:	F35540-23	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	74.8
Project:	HOLMN		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	66%		41-123%
321-60-8	2-Fluorobiphenyl	69%		46-122%
1718-51-0	Terphenyl-d14	72%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB08-60,68		
Lab Sample ID:	F35540-23	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8015 SW846 5030A	**Percent Solids:**	74.8
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	HH017149.D	1	10/18/05	AB	10/07/05 15:20	n/a	GHH780
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.39 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	7.9	3.9	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	89%		62-135%
98-08-8	aaa-Trifluorotoluene	95%		65-118%

(a) Sample was received in a bulk container but was not preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB08-60,68		
Lab Sample ID:	F35540-23	**Date Sampled:**	10/05/05
Matrix:	SO - Soil	**Date Received:**	10/07/05
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	74.8
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	IJ26262.D	1	10/16/05	SD	10/12/05	OP14665	GIJ1242
Run #2							

	Initial Weight	Final Volume
Run #1	30.6 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	11	6.6	mg/kg	
	TPH (> C22-C36)	ND	11	6.6	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	75%		57-115%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

F35540

BHATE

Environmental Engineers and Scientists

Chain of Custody and Analytical Request

Project Number: 9040238.11

P.O. NA

Chain of Custody Number [1]:100620051

LIMS Number: NA

Facility/Base I.D.: HOLMN

Project Name / Site Name: West POL

Client Name: USACE

Collected by: K. Germann

Sample Analysis Requested [3]

Quality Assurance Samples [6]

	Field Sample ID (30 Character Max)	ER/PIMS LOCID (15 Character Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)		SA Code [4]	Sample Number [5]	Sample Matrix [4]	Number of containers	VOCs 8260B+Hexane	SVOCs 8270	8015B Carbon Chain						MATRIX DESCRIPTION	Cooler ID
1	WPOL-SB01-10,20	WPOL	5-Oct-05	10:00	10"	20"	N	1	SO	3	[1]	[1]	[1]						Investigative Soil Boring	1
2	WPOL-SB01-34,37	WPOL	5-Oct-05	10:10	34"	37"	N	1	SO	3	[1]	[1]	[1]						Investigative Soil Boring	1
3	WPOL-SB01-64,72	WPOL	5-Oct-05	10:20	64"	72"	N	1	SO	3	[1]	[1]	[1]						Investigative Soil Boring	1
4	WPOL-SB06-4,12	WPOL	5-Oct-05	10:30	4"	1'	N	1	SO	3	[1]	[1]	[1]						Investigative Soil Boring	1
5	WPOL-SB06-27,40	WPOL	5-Oct-05	10:40	27"	40"	N	1	SO	3	[1]	[1]	[1]						Investigative Soil Boring	1
6	WPOL-SB06-62,70	WPOL	5-Oct-05	10:50	62"	70"	N	1	SO	3	[1]	[1]	[1]						Investigative Soil Boring	1
7	WPOL-SB07-9,20	WPOL	5-Oct-05	11:10	9"	20"	N	1	SO	3	[1]	[1]	[1]						Investigative Soil Boring	1
8	WPOL-SB07-4,9	WPOL	5-Oct-05	11:00	4"	9"	N	1	SO	3	[1]	[1]	[1]						Investigative Soil Boring	1
9	WPOL-SB07-52,56	WPOL	5-Oct-05	11:20	52"	56"	N	1	SO	3	[1]	[1]	[1]						Investigative Soil Boring	1
10	WPOL-SB04-4,9	WPOL	5-Oct-05	11:30	4"	9"	N	1	SO	3	[1]	[1]	[1]						Investigative Soil Boring	1

Accutest Laboratories
4405 Vineland Road suite C-15
Orlando, FL 32811
Fax analytical results to: 505-679-2148 **Email results to: rrenvironmental@zlanet.com, dmeder@bhate.com, mdauben@bhate.com, kevinp@zlanet.com**

Custody Transfers Prior to Receipt by Laboratory

	Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1.	KDG	10/06/2005	@ 1600	[signature]	10/7/05	09:00
2.	FR					
3.						

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab.		Shipped No.:	
Method of Shipment:	Fed Ex	Airbill Number:	8530763875560
Analytical Lab:	Accutest	Delivery Location	Orlando, FL
Lab Recipient:		Delivery Date/Time:	

2.8

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 (-t) 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

4.1

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F35540: Chain of Custody
Page 1 of 4

ACCUTEST Laboratories

F35540

F35540

BHATE

Environmental Engineers and Scientists

Chain of Custody and Analytical Request

Page 2 of 3

Project Number: 9040238.11

P.0. NA

Chain of Custody Number [1]: 100620051

LIMS Number: NA

Facility/Base I.D.: HOLMN

Project Name / Site Name: West POL

Client Name: USACE

Collected by: K. Germann

Sample Analysis Requested [5] / Quality Assurance Samples [6]

	Field Sample ID (30 Characters Max)	BRPIMS 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+Hexane	SVOCs 8270	8015B Carbon Chain							MATRIX DESCRIPTION	Cooler ID
11	WPOL-SB04-24,33	WPOL	5-Oct-05	11:40	24"	33"	N	1	SO	3	[1]	[1]	[1]							Investigative Soil Boring	1
12	WPOL-SB04-62,69	WPOL	5-Oct-05	11:50	62"	69"	N	1	SO	3	[1]	[1]	[1]							Investigative Soil Boring	1
13	WPOL-SB03-9,13	WPOL	5-Oct-05	12:00	9"	13"	N	1	SO	3	[1]	[1]	[1]							Investigative Soil Boring	1
14	WPOL-SB03-32,39	WPOL	5-Oct-05	12:10	32"	39"	N	1	SO	3	[1]	[1]	[1]							Investigative Soil Boring	1
15	WPOL-SB03-61,70	WPOL	5-Oct-05	12:20	61"	70"	N	1	SO	3	[1]	[1]	[1]							Investigative Soil Boring	1
16	WPOL-SB05-4,9	WPOL	5-Oct-05	12:30	4"	9"	N	1	SO	3	[1]	[1]	[1]							Investigative Soil Boring	1
17	WPOL-SB05-38,47	WPOL	5-Oct-05	12:40	38"	47"	N	1	SO	3	[1]	[1]	[1]							Investigative Soil Boring	1
18	WPOL-SB05-60,66	WPOL	5-Oct-05	12:50	60"	66"	N	1	SO	3	[1]	[1]	[1]							Investigative Soil Boring	1
19	Equipment Blank	WPOL	5-Oct-05	11:20	52"	56"	N	1	AQ	5	[1]	[1]	[1]							Equipment Blank	1
20	Trip Blank						TB		AQ											Trip Blank	1

Accutest Laboratories
4405 Vineland Road suite C-15
Orlando, FL 32811
Fax analytical results to: 505-679-2148 **Email results to: rrenvironmental@zianet.com, dmeder@bhate.com, mdauben@bhate.com, kevlng@zianet.com**

Custody Transfer Prior to Receipt by Laboratory

	Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1.	KDG	10/06/2005 @ 1600				
2.						
3.						

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab: Shipped No.:
Method of Shipment: Fed Ex Airbill Number: 853076387560
Analytical Lab: Accutest Delivery Location: Orlando, FL
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, PD = Field Duplicate (-s) Samples, PR = Field Replicant (-h) 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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4.1

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F35540: Chain of Custody
Page 2 of 4

F35540

BHATE

Environmental Engineers and Scientists

Chain of Custody and Analytical Request

Page 3 of 3

Project Number: 9040238.11

P.O. NA

Chain of Custody Number [1]: 100620051

LIMS Number: NA

Facility/Base I.D.: HOLMN

Project Name / Site Name: West POL

Client Name: USACE

Collected by: K. Germann

Sample Analysis Requested [4]

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)	Sample Depth (ending)	SA Code (3)	Sample Number (5)	Sample Matrix (6)	Number of containers	VOCs 8260B+Hexane	SVOCs 8270	8015B Carbon Chain						MATRIX DESCRIPTION	Code ID
21	WPOL-SB08-4,8	WPOL	5-Oct-05	13:00	4"	8"	N	1	SO	3	[1]	[2]	[3]						Investigative Soil Boring	2
22	WPOL-SB08-34,39	WPOL	5-Oct-05	13:10	34"	39"	N	1	SO	3	[1]	[2]	[3]						Investigative Soil Boring	2
23	WPOL-SB08-60,68	WPOL	5-Oct-05	13:20	60"	68"	N	1	SO	3	[1]	[2]	[3]						Investigative Soil Boring	2

Accutest Laboratories
4405 Vineland Road suite C-15
Orlando, FL 32811
Fax analytical results to: 505-679-2148

Email results to: rrenvironmental@zianet.com, dmeder@bhate.com, mdauben@bhate.com, keving@zianet.com

Custody Transfers Prior to Receipt by Laboratory

	Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1.	[signature]	10/06/2005 @ 1600		[signature]	10/7/05	09:00
2.	[signature]					
3.						

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab.

Method of Shipment: Fed Ex

Analytical Lab: Accutest

Lab Recipient:

Shipped. No.:

Airbill Number: 85307638 7560

Delivery Location: Orlando, FL

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 (-t) 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 101099001 in the Equipment Blank Loc Control

4.1

4

F35540: Chain of Custody
Page 3 of 4

ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: F35540 CLIENT: BHAE PROJECT: West Pol

DATE/TIME RECEIVED: 10/7/05 09:00 # OF COOLERS RECEIVED: 1 COOLER TEMPS: 2-8

METHOD OF DELIVERY: (FEDEX) UPS ACCUTEST COURIER GREYHOUND DELIVERY OTHER

AIRBILL NUMBERS: 853076385247

COOLER INFORMATION

- [ ] CUSTODY SEAL NOT PRESENT OR NOT INTACT
- [ ] NO COC RECEIVED
- [ ] ANALYSIS REQUESTED IS UNCLEAR OR MISSING
- [ ] SAMPLE DATES OR TIMES UNCLEAR OR MISSING
- [ ] TEMPERATURE CRITERIA NOT MET

TRIP BLANK INFORMATION

- [ ] TRIP BLANK NOT PROVIDED
- [ ] TRIP BLANK NOT ON COC
- [x] TRIP BLANK INTACT
- [ ] TRIP BLANK NOT INTACT
- [x] RECEIVED WATER TRIP BLANK
- [ ] RECEIVED SOIL TRIP BLANK

SAMPLE INFORMATION

- [ ] SAMPLE LABELS PRESENT ON ALL BOTTLES
- [ ] CORRECT NUMBER OF CONTAINERS USED
- [ ] SAMPLE RECEIVED IMPROPERLY PRESERVED
- [ ] INSUFFICIENT VOLUME FOR ANALYSIS
- [ ] TIMES ON COC DON'T MATCH LABEL
- [ ] ID'S ON COC DON'T MATCH LABEL
- [ ] 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(S) RECEIVED BROKEN
- [ ] % SOLIDS JAR NOT RECEIVED

SOIL INFORMATION

NUMBER OF ENCORES ? Ø

NUMBER OF 5035 FIELD KITS ? Ø

SUMMARY OF COMMENTS: Recieved water T.B.
Recieved second water T.B (more sample 24).

TECHNICIAN SIGNATURE/DATE [signature] 10/7/05 TECHNICIAN SIGNATURE/DATE [signature] 10-7-05

ASBD06/22/05

4.1

4

F35540: Chain of Custody
Page 4 of 4

Southeast ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

07/07/08

Technical Report for

Bhate Environmental Associates, Inc.

HOLMN

904238.11.01

Accutest Job Number: F35564

Sampling Date: 10/06/05

Report to:

Bhate Environmental Associates, Inc.

zbeck@bhate.com

ATTN: Zack Beck

Total number of pages in report: **92**

ACCREDITED IN ACCORDANCE WITH nelac

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 (DOH E83510), NC (573), NJ (FL002), MA (FL946), IA (366), LA (03051), KS (E-10327), SC, AK

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Test results relate only to samples analyzed.

ACCUTEST LABORATORIES 50 YEARS 1956-2006

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Sample Summary

Bhate Environmental Associates, Inc.

Job No: F35564

HOLMN
Project No: 904238.11.01

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
F35564-1	10/06/05	10:00	KDG	10/08/05	SO	Soil	WPOL-SB013-4,19
F35564-2	10/06/05	10:10	KDG	10/08/05	SO	Soil	WPOL-SB013-28,35
F35564-3	10/06/05	10:20	KDG	10/08/05	SO	Soil	WPOL-SB013-60,68
F35564-4	10/06/05	10:30	KDG	10/08/05	SO	Soil	WPOL-SB014-4,11
F35564-5	10/06/05	10:40	KDG	10/08/05	SO	Soil	WPOL-SB014-33,39
F35564-6	10/06/05	10:50	KDG	10/08/05	SO	Soil	WPOL-SB014-57,66
F35564-7	10/06/05	11:00	KDG	10/08/05	SO	Soil	WPOL-SB015-4,13
F35564-8	10/06/05	11:10	KDG	10/08/05	SO	Soil	WPOL-SB015-21,41
F35564-9	10/06/05	11:20	KDG	10/08/05	SO	Soil	WPOL-SB015-67,89
F35564-10	10/06/05	11:20	KDG	10/08/05	SO	Soil	WPOL-SB015-67,89-FD
F35564-11	10/06/05	00:00	KDG	10/08/05	AQ	Trip Blank Soil	TRIP BLANK

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:** F35564

Site: HOLMN **Report Date** 10/24/2005 11:17:42

10 Samples, 1 Trip Blank were collected on 10/06/2005 and received at Accutest on 10/08/2005 properly preserved, at 2 Deg. C and intact. These Samples received an Accutest job number of F35564. 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.

Volatiles by GCMS By Method SW846 8260B

Matrix: AQ **Batch ID:** VJ766

All method blanks for this batch meet method specific criteria.

Sample(s) F35491-2MS, F35491-2MSD, F35491-2MSMSD were used as the QC samples indicated.

Blank Spike Recovery(s) for 2-Chloroethyl vinyl ether, Acetone, Methyl bromide, Trans-1,4-Dichloro-2-Butene are outside control limits. Recovered high, analytes not detected in the samples, data integrity not affected.

MS/MSD Recovery(s) for 2-Chloroethyl vinyl ether, Methyl bromide are outside control limits. 2-CEVE affeted by preservation, MeBr biased high and not detected in the samples.

Matrix: SO **Batch ID:** VG1357

Sample(s) F35540-2MS, F35540-2MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

Blank Spike Recovery(s) for Acrolein are outside control limits. Recovery biased high, analyte not detected in the samples, data integrity not affected.

F35564-2: Sample was received in a bulk container but was not preserved within 48 hours of sampling.

F35564-4: Sample was received in a bulk container but was not preserved within 48 hours of sampling.

F35564-5: Sample was received in a bulk container but was not preserved within 48 hours of sampling.

F35564-6: Sample was received in a bulk container but was not preserved within 48 hours of sampling.

F35564-10: Sample was received in a bulk container and preserved within 48 hours of sampling.

F35564-7: Sample was received in a bulk container but was not preserved within 48 hours of sampling.

F35564-8: Sample was received in a bulk container but was not preserved within 48 hours of sampling.

F35564-9: Sample was received in a bulk container and preserved within 48 hours of sampling.

F35564-1: Sample was received in a bulk container but was not preserved within 48 hours of sampling.

F35564-2 for Methylene chloride: Suspected laboratory contaminant.

F35564-1 for Methylene chloride: Suspected laboratory contaminant.

F35564-9 for Methylene chloride: Suspected laboratory contaminant.

F35564-10 for Methylene chloride: Suspected laboratory contaminant.

F35564-8 for Methylene chloride: Suspected laboratory contaminant.

F35564-4 for Methylene chloride: Suspected laboratory contaminant.

F35564-7 for Methylene chloride: Suspected laboratory contaminant.

F35564-5 for Methylene chloride: Suspected laboratory contaminant.

F35564-6 for Methylene chloride: Suspected laboratory contaminant.

Matrix: SO **Batch ID:** VG1358

Volatiles by GCMS By Method SW846 8260B

Matrix: SO **Batch ID:** VG1358

Sample(s) F35566-1MS, F35566-1MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

BS, MS/MSD Recovery(s) for Acrolein are outside control limits. Biased high, analyte not detected in the samples, data itegrity not affected.

F35564-3: Sample was received in a bulk container but was not preserved within 48 hours of sampling.

Extractables by GCMS By Method SW846 8270C

Matrix: SO **Batch ID:** OP14667

All samples were extracted within the recommended method holding time.

Sample(s) F35540-12MS, F35540-12MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

MS/MSD Recovery(s) for Benzidine are outside control limits. Probable cause due to matrix interference. For method prefromance in clean matrix refer to Balnk Spike.

RPD(s) for MSD for 4-Chloroaniline are outside control limits for sample OP14667-MSD. Probable cause due to sample homogeneity.

Volatiles by GC By Method SW846 8015

Matrix: SO **Batch ID:** GHH780

All method blanks for this batch meet method specific criteria.

Sample(s) F35540-21DUP were used as the QC samples indicated.

F35564-7: Sample was received in a bulk container but was not preserved within 48 hours of sampling.

F35564-9: Sample was received in a bulk container and preserved within 48 hours of sampling.

F35564-10: Sample was received in a bulk container and preserved within 48 hours of sampling.

F35564-1: Sample was received in a bulk container but was not preserved within 48 hours of sampling.

F35564-6: Sample was received in a bulk container but was not preserved within 48 hours of sampling.

F35564-5: Sample was received in a bulk container but was not preserved within 48 hours of sampling.

F35564-8: Sample was received in a bulk container but was not preserved within 48 hours of sampling.

F35564-4: Sample was received in a bulk container but was not preserved within 48 hours of sampling.

F35564-2: Sample was received in a bulk container but was not preserved within 48 hours of sampling.

F35564-3: Sample was received in a bulk container but was not preserved within 48 hours of sampling.

Extractables by GC By Method SW846 8015 M

Matrix: SO **Batch ID:** OP14664

All samples were extracted within the recommended method holding time.

Sample(s) F35564-10MS, F35564-10MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

Wet Chemistry By Method EPA 160.3 M

Matrix: SO **Batch ID:** GN18574

Sample(s) F35564-1DUP were used as the QC samples for Solids, Percent.

Matrix: SO **Batch ID:** GN18575

Sample(s) F35564-6DUP were used as the QC samples for Solids, 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 QualityObjectives 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: October 24, 2005

Svetlana Izosimova, QAO (signature on file)

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	WPOL-SB013-4,19		
Lab Sample ID:	F35564-1	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8260B	**Percent Solids:**	68.5
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0035269.D	1	10/19/05	JG	10/08/05 11:20	n/a	VG1357
Run #2							

	Initial Weight
Run #1	4.66 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	78	39	ug/kg	
75-05-8	Acetonitrile	ND	78	31	ug/kg	
107-02-8	Acrolein	ND	39	20	ug/kg	
107-13-1	Acrylonitrile	ND	39	20	ug/kg	
107-05-1	Allyl chloride	ND	39	7.8	ug/kg	
71-43-2	Benzene	ND	7.8	3.1	ug/kg	
100-44-7	Benzyl Chloride	ND	7.8	3.9	ug/kg	
108-86-1	Bromobenzene	ND	7.8	3.1	ug/kg	
74-97-5	Bromochloromethane	ND	7.8	3.1	ug/kg	
75-27-4	Bromodichloromethane	ND	7.8	3.1	ug/kg	
75-25-2	Bromoform	ND	7.8	3.1	ug/kg	
104-51-8	n-Butylbenzene	ND	7.8	3.1	ug/kg	
135-98-8	sec-Butylbenzene	ND	7.8	3.1	ug/kg	
98-06-6	tert-Butylbenzene	ND	7.8	3.1	ug/kg	
108-90-7	Chlorobenzene	ND	7.8	3.1	ug/kg	
75-00-3	Chloroethane	ND	7.8	3.1	ug/kg	
67-66-3	Chloroform	ND	7.8	3.1	ug/kg	
544-10-5	1-Chlorohexane	ND	7.8	3.1	ug/kg	
95-49-8	o-Chlorotoluene	ND	7.8	3.1	ug/kg	
106-43-4	p-Chlorotoluene	ND	7.8	3.1	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	39	16	ug/kg	
75-15-0	Carbon disulfide	ND	7.8	3.1	ug/kg	
56-23-5	Carbon tetrachloride	ND	7.8	3.1	ug/kg	
75-34-3	1,1-Dichloroethane	ND	7.8	3.1	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	7.8	3.1	ug/kg	
563-58-6	1,1-Dichloropropene	ND	7.8	3.1	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	7.8	3.1	ug/kg	
106-93-4	1,2-Dibromoethane	ND	7.8	3.1	ug/kg	
107-06-2	1,2-Dichloroethane	ND	7.8	3.1	ug/kg	
78-87-5	1,2-Dichloropropane	ND	7.8	3.1	ug/kg	
142-28-9	1,3-Dichloropropane	ND	7.8	3.1	ug/kg	
594-20-7	2,2-Dichloropropane	ND	7.8	3.1	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB013-4,19		
Lab Sample ID:	F35564-1	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8260B	**Percent Solids:**	68.5
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	7.8	3.1	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	7.8	4.7	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	7.8	3.1	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	7.8	3.1	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	39		ug/kg	
541-73-1	m-Dichlorobenzene	ND	7.8	3.1	ug/kg	
95-50-1	o-Dichlorobenzene	ND	7.8	3.1	ug/kg	
106-46-7	p-Dichlorobenzene	ND	7.8	3.1	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	7.8	3.1	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	7.8	3.1	ug/kg	
100-41-4	Ethylbenzene	ND	7.8	3.1	ug/kg	
97-63-2	Ethyl methacrylate	ND	39	7.8	ug/kg	
76-13-1	Freon 113	ND	7.8	3.1	ug/kg	
591-78-6	2-Hexanone	ND	39	16	ug/kg	
87-68-3	Hexachlorobutadiene	ND	7.8	3.1	ug/kg	
110-54-3	Hexane	ND	7.8	3.1	ug/kg	
98-82-8	Isopropylbenzene	ND	7.8	3.1	ug/kg	
99-87-6	p-Isopropyltoluene	ND	7.8	3.1	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	39	16	ug/kg	
126-98-7	Methacrylonitrile	ND	39	16	ug/kg	
74-83-9	Methyl bromide	ND	7.8	3.1	ug/kg	
74-87-3	Methyl chloride	ND	7.8	3.1	ug/kg	
74-88-4	Methyl iodide	ND	16	3.1	ug/kg	
80-62-6	Methyl methacrylate	ND	39	7.8	ug/kg	
74-95-3	Methylene bromide	ND	7.8	3.1	ug/kg	
75-09-2	Methylene chloride [b]	22.4	16	7.8	ug/kg	
78-93-3	Methyl ethyl ketone	ND	39	16	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	7.8	3.1	ug/kg	
91-20-3	Naphthalene	ND	7.8	3.1	ug/kg	
76-01-7	Pentachloroethane	ND	39	7.8	ug/kg	
107-12-0	Propionitrile	ND	78	16	ug/kg	
103-65-1	n-Propylbenzene	ND	7.8	3.1	ug/kg	
100-42-5	Styrene	ND	7.8	3.1	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	7.8	3.1	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	7.8	3.1	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	7.8	3.1	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	7.8	3.1	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	7.8	3.1	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	7.8	3.1	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	7.8	3.1	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB013-4,19		
Lab Sample ID:	F35564-1	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8260B	**Percent Solids:**	68.5
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	7.8	3.1	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	7.8	3.1	ug/kg	
127-18-4	Tetrachloroethylene	ND	7.8	3.1	ug/kg	
108-88-3	Toluene	ND	7.8	3.1	ug/kg	
79-01-6	Trichloroethylene	ND	7.8	3.1	ug/kg	
75-69-4	Trichlorofluoromethane	ND	7.8	3.1	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	39	16	ug/kg	
75-01-4	Vinyl chloride	ND	7.8	3.1	ug/kg	
108-05-4	Vinyl Acetate	ND	39	16	ug/kg	
	m,p-Xylene	ND	16	3.9	ug/kg	
95-47-6	o-Xylene	ND	7.8	3.1	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		78-123%
2037-26-5	Toluene-D8	92%		71-137%
460-00-4	4-Bromofluorobenzene	85%		61-157%
17060-07-0	1,2-Dichloroethane-D4	91%		74-125%

(a) Sample was received in a bulk container but was not preserved within 48 hours of sampling.
(b) Suspected laboratory contaminant.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB013-4,19		
Lab Sample ID:	F35564-1	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	68.5
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F012031.D	1	10/18/05	NJ	10/12/05	OP14667	SF656
Run #2							

	Initial Weight	Final Volume
Run #1	30.7 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1200	480	ug/kg	
95-57-8	2-Chlorophenol	ND	240	48	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	240	48	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	240	48	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	240	48	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1200	480	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	480	95	ug/kg	
95-48-7	2-Methylphenol	ND	240	48	ug/kg	
	3&4-Methylphenol	ND	240	48	ug/kg	
88-75-5	2-Nitrophenol	ND	240	48	ug/kg	
100-02-7	4-Nitrophenol	ND	1200	480	ug/kg	
87-86-5	Pentachlorophenol	ND	1200	480	ug/kg	
108-95-2	Phenol	ND	240	48	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	240	48	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	240	48	ug/kg	
83-32-9	Acenaphthene	ND	240	48	ug/kg	
208-96-8	Acenaphthylene	ND	240	48	ug/kg	
120-12-7	Anthracene	ND	240	48	ug/kg	
92-87-5	Benzidine	ND	2400	1200	ug/kg	
56-55-3	Benzo(a)anthracene	ND	240	48	ug/kg	
50-32-8	Benzo(a)pyrene	ND	240	48	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	240	48	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	240	95	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	240	48	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	240	48	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	480	120	ug/kg	
100-51-6	Benzyl Alcohol	ND	240	48	ug/kg	
91-58-7	2-Chloronaphthalene	ND	240	48	ug/kg	
106-47-8	4-Chloroaniline	ND	480	190	ug/kg	
218-01-9	Chrysene	ND	240	48	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	240	48	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	240	95	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB013-4,19		
Lab Sample ID:	F35564-1	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	68.5
Project:	HOLMN		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	240	48	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	240	48	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	240	48	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	240	48	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	240	48	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	240	95	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	240	95	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	480	240	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	240	95	ug/kg	
132-64-9	Dibenzofuran	ND	240	48	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	480	120	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	480	240	ug/kg	
84-66-2	Diethyl phthalate	ND	480	120	ug/kg	
131-11-3	Dimethyl phthalate	ND	480	120	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	480	240	ug/kg	
206-44-0	Fluoranthene	ND	240	48	ug/kg	
86-73-7	Fluorene	ND	240	48	ug/kg	
118-74-1	Hexachlorobenzene	ND	240	48	ug/kg	
87-68-3	Hexachlorobutadiene	ND	240	95	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	240	95	ug/kg	
67-72-1	Hexachloroethane	ND	240	95	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	240	95	ug/kg	
78-59-1	Isophorone	ND	240	48	ug/kg	
91-57-6	2-Methylnaphthalene	ND	240	48	ug/kg	
88-74-4	2-Nitroaniline	ND	480	120	ug/kg	
99-09-2	3-Nitroaniline	ND	480	120	ug/kg	
100-01-6	4-Nitroaniline	ND	480	170	ug/kg	
91-20-3	Naphthalene	ND	240	48	ug/kg	
98-95-3	Nitrobenzene	ND	240	48	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	240	95	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	240	48	ug/kg	
85-01-8	Phenanthrene	ND	240	48	ug/kg	
129-00-0	Pyrene	ND	240	95	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	240	48	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	71%		45-114%
4165-62-2	Phenol-d5	66%		44-124%
118-79-6	2,4,6-Tribromophenol	76%		50-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB013-4,19		
Lab Sample ID:	F35564-1	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	68.5
Project:	HOLMN		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	70%		41-123%
321-60-8	2-Fluorobiphenyl	72%		46-122%
1718-51-0	Terphenyl-d14	76%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB013-4,19		
Lab Sample ID:	F35564-1	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8015	**Percent Solids:**	68.5
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	HH017150.D	1	10/18/05	AB	n/a	n/a	GHH780
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	4.96 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	9.7	4.8	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	88%		62-135%
98-08-8	aaa-Trifluorotoluene	94%		65-118%

(a) Sample was received in a bulk container but was not preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB013-4,19		
Lab Sample ID:	F35564-1	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	68.5
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	IJ26313.D	1	10/19/05	SD	10/12/05	OP14664	GIJ1245
Run #2							

	Initial Weight	Final Volume
Run #1	30.2 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	12	7.3	mg/kg	
	TPH (> C22-C36)	ND	12	7.3	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	74%		57-115%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB013-28,35		
Lab Sample ID:	F35564-2	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8260B	**Percent Solids:**	76.5
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0035270.D	1	10/19/05	JG	10/08/05 11:20	n/a	VG1357
Run #2							

	Initial Weight
Run #1	5.20 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	63	31	ug/kg	
75-05-8	Acetonitrile	ND	63	25	ug/kg	
107-02-8	Acrolein	ND	31	16	ug/kg	
107-13-1	Acrylonitrile	ND	31	16	ug/kg	
107-05-1	Allyl chloride	ND	31	6.3	ug/kg	
71-43-2	Benzene	ND	6.3	2.5	ug/kg	
100-44-7	Benzyl Chloride	ND	6.3	3.1	ug/kg	
108-86-1	Bromobenzene	ND	6.3	2.5	ug/kg	
74-97-5	Bromochloromethane	ND	6.3	2.5	ug/kg	
75-27-4	Bromodichloromethane	ND	6.3	2.5	ug/kg	
75-25-2	Bromoform	ND	6.3	2.5	ug/kg	
104-51-8	n-Butylbenzene	ND	6.3	2.5	ug/kg	
135-98-8	sec-Butylbenzene	ND	6.3	2.5	ug/kg	
98-06-6	tert-Butylbenzene	ND	6.3	2.5	ug/kg	
108-90-7	Chlorobenzene	ND	6.3	2.5	ug/kg	
75-00-3	Chloroethane	ND	6.3	2.5	ug/kg	
67-66-3	Chloroform	ND	6.3	2.5	ug/kg	
544-10-5	1-Chlorohexane	ND	6.3	2.5	ug/kg	
95-49-8	o-Chlorotoluene	ND	6.3	2.5	ug/kg	
106-43-4	p-Chlorotoluene	ND	6.3	2.5	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	31	13	ug/kg	
75-15-0	Carbon disulfide	ND	6.3	2.5	ug/kg	
56-23-5	Carbon tetrachloride	ND	6.3	2.5	ug/kg	
75-34-3	1,1-Dichloroethane	ND	6.3	2.5	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	6.3	2.5	ug/kg	
563-58-6	1,1-Dichloropropene	ND	6.3	2.5	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	6.3	2.5	ug/kg	
106-93-4	1,2-Dibromoethane	ND	6.3	2.5	ug/kg	
107-06-2	1,2-Dichloroethane	ND	6.3	2.5	ug/kg	
78-87-5	1,2-Dichloropropane	ND	6.3	2.5	ug/kg	
142-28-9	1,3-Dichloropropane	ND	6.3	2.5	ug/kg	
594-20-7	2,2-Dichloropropane	ND	6.3	2.5	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB013-28,35		
Lab Sample ID:	F35564-2	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8260B	**Percent Solids:**	76.5
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	6.3	2.5	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.3	3.8	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	6.3	2.5	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	6.3	2.5	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	31		ug/kg	
541-73-1	m-Dichlorobenzene	ND	6.3	2.5	ug/kg	
95-50-1	o-Dichlorobenzene	ND	6.3	2.5	ug/kg	
106-46-7	p-Dichlorobenzene	ND	6.3	2.5	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	6.3	2.5	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	6.3	2.5	ug/kg	
100-41-4	Ethylbenzene	ND	6.3	2.5	ug/kg	
97-63-2	Ethyl methacrylate	ND	31	6.3	ug/kg	
76-13-1	Freon 113	ND	6.3	2.5	ug/kg	
591-78-6	2-Hexanone	ND	31	13	ug/kg	
87-68-3	Hexachlorobutadiene	ND	6.3	2.5	ug/kg	
110-54-3	Hexane	ND	6.3	2.5	ug/kg	
98-82-8	Isopropylbenzene	ND	6.3	2.5	ug/kg	
99-87-6	p-Isopropyltoluene	ND	6.3	2.5	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	31	13	ug/kg	
126-98-7	Methacrylonitrile	ND	31	13	ug/kg	
74-83-9	Methyl bromide	ND	6.3	2.5	ug/kg	
74-87-3	Methyl chloride	ND	6.3	2.5	ug/kg	
74-88-4	Methyl iodide	ND	13	2.5	ug/kg	
80-62-6	Methyl methacrylate	ND	31	6.3	ug/kg	
74-95-3	Methylene bromide	ND	6.3	2.5	ug/kg	
75-09-2	Methylene chloride [b]	16.8	13	6.3	ug/kg	
78-93-3	Methyl ethyl ketone	ND	31	13	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	6.3	2.5	ug/kg	
91-20-3	Naphthalene	ND	6.3	2.5	ug/kg	
76-01-7	Pentachloroethane	ND	31	6.3	ug/kg	
107-12-0	Propionitrile	ND	63	13	ug/kg	
103-65-1	n-Propylbenzene	ND	6.3	2.5	ug/kg	
100-42-5	Styrene	ND	6.3	2.5	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	6.3	2.5	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	6.3	2.5	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6.3	2.5	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	6.3	2.5	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.3	2.5	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	6.3	2.5	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.3	2.5	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB013-28,35		
Lab Sample ID:	F35564-2	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8260B	**Percent Solids:**	76.5
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	6.3	2.5	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	6.3	2.5	ug/kg	
127-18-4	Tetrachloroethylene	ND	6.3	2.5	ug/kg	
108-88-3	Toluene	ND	6.3	2.5	ug/kg	
79-01-6	Trichloroethylene	ND	6.3	2.5	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.3	2.5	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	31	13	ug/kg	
75-01-4	Vinyl chloride	ND	6.3	2.5	ug/kg	
108-05-4	Vinyl Acetate	ND	31	13	ug/kg	
	m,p-Xylene	ND	13	3.1	ug/kg	
95-47-6	o-Xylene	ND	6.3	2.5	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		78-123%
2037-26-5	Toluene-D8	93%		71-137%
460-00-4	4-Bromofluorobenzene	84%		61-157%
17060-07-0	1,2-Dichloroethane-D4	90%		74-125%

(a) Sample was received in a bulk container but was not preserved within 48 hours of sampling.
(b) Suspected laboratory contaminant.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB013-28,35		
Lab Sample ID:	F35564-2	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	76.5
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F012032.D	1	10/18/05	NJ	10/12/05	OP14667	SF656
Run #2							

	Initial Weight	Final Volume
Run #1	30.4 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1100	430	ug/kg	
95-57-8	2-Chlorophenol	ND	210	43	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	210	43	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	210	43	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	210	43	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1100	430	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	430	86	ug/kg	
95-48-7	2-Methylphenol	ND	210	43	ug/kg	
	3&4-Methylphenol	ND	210	43	ug/kg	
88-75-5	2-Nitrophenol	ND	210	43	ug/kg	
100-02-7	4-Nitrophenol	ND	1100	430	ug/kg	
87-86-5	Pentachlorophenol	ND	1100	430	ug/kg	
108-95-2	Phenol	ND	210	43	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	210	43	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	210	43	ug/kg	
83-32-9	Acenaphthene	ND	210	43	ug/kg	
208-96-8	Acenaphthylene	ND	210	43	ug/kg	
120-12-7	Anthracene	ND	210	43	ug/kg	
92-87-5	Benzidine	ND	2100	1100	ug/kg	
56-55-3	Benzo(a)anthracene	ND	210	43	ug/kg	
50-32-8	Benzo(a)pyrene	ND	210	43	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	210	43	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	210	86	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	210	43	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	210	43	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	430	110	ug/kg	
100-51-6	Benzyl Alcohol	ND	210	43	ug/kg	
91-58-7	2-Chloronaphthalene	ND	210	43	ug/kg	
106-47-8	4-Chloroaniline	ND	430	170	ug/kg	
218-01-9	Chrysene	ND	210	43	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	210	43	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	210	86	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB013-28,35		
Lab Sample ID:	F35564-2	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	76.5
Project:	HOLMN		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	210	43	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	210	43	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	210	43	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	210	43	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	210	43	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	210	86	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	210	86	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	430	210	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	210	86	ug/kg	
132-64-9	Dibenzofuran	ND	210	43	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	430	110	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	430	210	ug/kg	
84-66-2	Diethyl phthalate	ND	430	110	ug/kg	
131-11-3	Dimethyl phthalate	ND	430	110	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	430	210	ug/kg	
206-44-0	Fluoranthene	ND	210	43	ug/kg	
86-73-7	Fluorene	ND	210	43	ug/kg	
118-74-1	Hexachlorobenzene	ND	210	43	ug/kg	
87-68-3	Hexachlorobutadiene	ND	210	86	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	210	86	ug/kg	
67-72-1	Hexachloroethane	ND	210	86	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	210	86	ug/kg	
78-59-1	Isophorone	ND	210	43	ug/kg	
91-57-6	2-Methylnaphthalene	ND	210	43	ug/kg	
88-74-4	2-Nitroaniline	ND	430	110	ug/kg	
99-09-2	3-Nitroaniline	ND	430	110	ug/kg	
100-01-6	4-Nitroaniline	ND	430	150	ug/kg	
91-20-3	Naphthalene	ND	210	43	ug/kg	
98-95-3	Nitrobenzene	ND	210	43	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	210	86	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	210	43	ug/kg	
85-01-8	Phenanthrene	ND	210	43	ug/kg	
129-00-0	Pyrene	ND	210	86	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	210	43	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	75%		45-114%
4165-62-2	Phenol-d5	70%		44-124%
118-79-6	2,4,6-Tribromophenol	75%		50-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB013-28,35		
Lab Sample ID:	F35564-2	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	76.5
Project:	HOLMN		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	72%		41-123%
321-60-8	2-Fluorobiphenyl	75%		46-122%
1718-51-0	Terphenyl-d14	76%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB013-28,35		
Lab Sample ID:	F35564-2	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8015	**Percent Solids:**	76.5
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	HH017151.D	1	10/18/05	AB	n/a	n/a	GHH780
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	4.97 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	8.1	4.1	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	89%		62-135%
98-08-8	aaa-Trifluorotoluene	95%		65-118%

(a) Sample was received in a bulk container but was not preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB013-28,35		
Lab Sample ID:	F35564-2	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	76.5
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	IJ26314.D	1	10/19/05	SD	10/12/05	OP14664	GIJ1245
Run #2							

	Initial Weight	Final Volume
Run #1	30.3 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	11	6.5	mg/kg	
	TPH (> C22-C36)	ND	11	6.5	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	84%		57-115%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB013-60,68		
Lab Sample ID:	F35564-3	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8260B	**Percent Solids:**	69.1
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0035310.D	1	10/20/05	RAW	n/a	n/a	VG1358
Run #2							

	Initial Weight
Run #1	5.17 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	70	35	ug/kg	
75-05-8	Acetonitrile	ND	70	28	ug/kg	
107-02-8	Acrolein	ND	35	17	ug/kg	
107-13-1	Acrylonitrile	ND	35	17	ug/kg	
107-05-1	Allyl chloride	ND	35	7.0	ug/kg	
71-43-2	Benzene	ND	7.0	2.8	ug/kg	
100-44-7	Benzyl Chloride	ND	7.0	3.5	ug/kg	
108-86-1	Bromobenzene	ND	7.0	2.8	ug/kg	
74-97-5	Bromochloromethane	ND	7.0	2.8	ug/kg	
75-27-4	Bromodichloromethane	ND	7.0	2.8	ug/kg	
75-25-2	Bromoform	ND	7.0	2.8	ug/kg	
104-51-8	n-Butylbenzene	ND	7.0	2.8	ug/kg	
135-98-8	sec-Butylbenzene	35.7	7.0	2.8	ug/kg	
98-06-6	tert-Butylbenzene	ND	7.0	2.8	ug/kg	
108-90-7	Chlorobenzene	ND	7.0	2.8	ug/kg	
75-00-3	Chloroethane	ND	7.0	2.8	ug/kg	
67-66-3	Chloroform	ND	7.0	2.8	ug/kg	
544-10-5	1-Chlorohexane	ND	7.0	2.8	ug/kg	
95-49-8	o-Chlorotoluene	ND	7.0	2.8	ug/kg	
106-43-4	p-Chlorotoluene	ND	7.0	2.8	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	35	14	ug/kg	
75-15-0	Carbon disulfide	5.9	7.0	2.8	ug/kg	J
56-23-5	Carbon tetrachloride	ND	7.0	2.8	ug/kg	
75-34-3	1,1-Dichloroethane	ND	7.0	2.8	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	7.0	2.8	ug/kg	
563-58-6	1,1-Dichloropropene	ND	7.0	2.8	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	7.0	2.8	ug/kg	
106-93-4	1,2-Dibromoethane	ND	7.0	2.8	ug/kg	
107-06-2	1,2-Dichloroethane	ND	7.0	2.8	ug/kg	
78-87-5	1,2-Dichloropropane	ND	7.0	2.8	ug/kg	
142-28-9	1,3-Dichloropropane	ND	7.0	2.8	ug/kg	
594-20-7	2,2-Dichloropropane	ND	7.0	2.8	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB013-60,68		
Lab Sample ID:	F35564-3	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8260B	**Percent Solids:**	69.1
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	7.0	2.8	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	7.0	4.2	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	7.0	2.8	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	7.0	2.8	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	35		ug/kg	
541-73-1	m-Dichlorobenzene	ND	7.0	2.8	ug/kg	
95-50-1	o-Dichlorobenzene	ND	7.0	2.8	ug/kg	
106-46-7	p-Dichlorobenzene	ND	7.0	2.8	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	7.0	2.8	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	7.0	2.8	ug/kg	
100-41-4	Ethylbenzene	ND	7.0	2.8	ug/kg	
97-63-2	Ethyl methacrylate	ND	35	7.0	ug/kg	
76-13-1	Freon 113	ND	7.0	2.8	ug/kg	
591-78-6	2-Hexanone	ND	35	14	ug/kg	
87-68-3	Hexachlorobutadiene	ND	7.0	2.8	ug/kg	
110-54-3	Hexane	ND	7.0	2.8	ug/kg	
98-82-8	Isopropylbenzene	4.2	7.0	2.8	ug/kg	J
99-87-6	p-Isopropyltoluene	ND	7.0	2.8	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	35	14	ug/kg	
126-98-7	Methacrylonitrile	ND	35	14	ug/kg	
74-83-9	Methyl bromide	ND	7.0	2.8	ug/kg	
74-87-3	Methyl chloride	ND	7.0	2.8	ug/kg	
74-88-4	Methyl iodide	ND	14	2.8	ug/kg	
80-62-6	Methyl methacrylate	ND	35	7.0	ug/kg	
74-95-3	Methylene bromide	ND	7.0	2.8	ug/kg	
75-09-2	Methylene chloride	16.4	14	7.0	ug/kg	
78-93-3	Methyl ethyl ketone	ND	35	14	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	7.0	2.8	ug/kg	
91-20-3	Naphthalene	ND	7.0	2.8	ug/kg	
76-01-7	Pentachloroethane	ND	35	7.0	ug/kg	
107-12-0	Propionitrile	ND	70	14	ug/kg	
103-65-1	n-Propylbenzene	ND	7.0	2.8	ug/kg	
100-42-5	Styrene	ND	7.0	2.8	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	7.0	2.8	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	7.0	2.8	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	7.0	2.8	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	7.0	2.8	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	7.0	2.8	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	7.0	2.8	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	7.0	2.8	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB013-60,68		
Lab Sample ID:	F35564-3	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8260B	**Percent Solids:**	69.1
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	7.0	2.8	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	7.0	2.8	ug/kg	
127-18-4	Tetrachloroethylene	ND	7.0	2.8	ug/kg	
108-88-3	Toluene	ND	7.0	2.8	ug/kg	
79-01-6	Trichloroethylene	ND	7.0	2.8	ug/kg	
75-69-4	Trichlorofluoromethane	ND	7.0	2.8	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	35	14	ug/kg	
75-01-4	Vinyl chloride	ND	7.0	2.8	ug/kg	
108-05-4	Vinyl Acetate	ND	35	14	ug/kg	
	m,p-Xylene	ND	14	3.5	ug/kg	
95-47-6	o-Xylene	ND	7.0	2.8	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		78-123%
2037-26-5	Toluene-D8	93%		71-137%
460-00-4	4-Bromofluorobenzene	110%		61-157%
17060-07-0	1,2-Dichloroethane-D4	87%		74-125%

(a) Sample was received in a bulk container but was not preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
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E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB013-60,68		
Lab Sample ID:	F35564-3	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	69.1
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F012033.D	1	10/18/05	NJ	10/12/05	OP14667	SF656
Run #2							

	Initial Weight	Final Volume
Run #1	30.2 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1200	480	ug/kg	
95-57-8	2-Chlorophenol	ND	240	48	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	240	48	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	240	48	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	240	48	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1200	480	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	480	96	ug/kg	
95-48-7	2-Methylphenol	ND	240	48	ug/kg	
	3&4-Methylphenol	ND	240	48	ug/kg	
88-75-5	2-Nitrophenol	ND	240	48	ug/kg	
100-02-7	4-Nitrophenol	ND	1200	480	ug/kg	
87-86-5	Pentachlorophenol	ND	1200	480	ug/kg	
108-95-2	Phenol	ND	240	48	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	240	48	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	240	48	ug/kg	
83-32-9	Acenaphthene	ND	240	48	ug/kg	
208-96-8	Acenaphthylene	ND	240	48	ug/kg	
120-12-7	Anthracene	ND	240	48	ug/kg	
92-87-5	Benzidine	ND	2400	1200	ug/kg	
56-55-3	Benzo(a)anthracene	ND	240	48	ug/kg	
50-32-8	Benzo(a)pyrene	ND	240	48	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	240	48	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	240	96	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	240	48	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	240	48	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	480	120	ug/kg	
100-51-6	Benzyl Alcohol	ND	240	48	ug/kg	
91-58-7	2-Chloronaphthalene	ND	240	48	ug/kg	
106-47-8	4-Chloroaniline	ND	480	190	ug/kg	
218-01-9	Chrysene	ND	240	48	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	240	48	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	240	96	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB013-60,68		
Lab Sample ID:	F35564-3	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	69.1
Project:	HOLMN		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	240	48	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	240	48	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	240	48	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	240	48	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	240	48	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	240	96	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	240	96	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	480	240	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	240	96	ug/kg	
132-64-9	Dibenzofuran	ND	240	48	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	480	120	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	480	240	ug/kg	
84-66-2	Diethyl phthalate	ND	480	120	ug/kg	
131-11-3	Dimethyl phthalate	ND	480	120	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	480	240	ug/kg	
206-44-0	Fluoranthene	ND	240	48	ug/kg	
86-73-7	Fluorene	ND	240	48	ug/kg	
118-74-1	Hexachlorobenzene	ND	240	48	ug/kg	
87-68-3	Hexachlorobutadiene	ND	240	96	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	240	96	ug/kg	
67-72-1	Hexachloroethane	ND	240	96	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	240	96	ug/kg	
78-59-1	Isophorone	ND	240	48	ug/kg	
91-57-6	2-Methylnaphthalene	ND	240	48	ug/kg	
88-74-4	2-Nitroaniline	ND	480	120	ug/kg	
99-09-2	3-Nitroaniline	ND	480	120	ug/kg	
100-01-6	4-Nitroaniline	ND	480	170	ug/kg	
91-20-3	Naphthalene	ND	240	48	ug/kg	
98-95-3	Nitrobenzene	ND	240	48	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	240	96	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	240	48	ug/kg	
85-01-8	Phenanthrene	ND	240	48	ug/kg	
129-00-0	Pyrene	ND	240	96	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	240	48	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	75%		45-114%
4165-62-2	Phenol-d5	69%		44-124%
118-79-6	2,4,6-Tribromophenol	73%		50-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB013-60,68		
Lab Sample ID:	F35564-3	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	69.1
Project:	HOLMN		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	72%		41-123%
321-60-8	2-Fluorobiphenyl	74%		46-122%
1718-51-0	Terphenyl-d14	73%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB013-60,68		
Lab Sample ID:	F35564-3	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8015	**Percent Solids:**	69.1
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	HH017152.D	1	10/18/05	AB	n/a	n/a	GHH780
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	6.05 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	11.2	8.2	4.1	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	104%		62-135%
98-08-8	aaa-Trifluorotoluene	90%		65-118%

(a) Sample was received in a bulk container but was not preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB013-60,68		
Lab Sample ID:	F35564-3	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	69.1
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	IJ26315.D	1	10/19/05	SD	10/12/05	OP14664	GIJ1245
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	18.8	12	7.2	mg/kg	
	TPH (> C22-C36)	ND	12	7.2	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	67%		57-115%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB014-4,11		
Lab Sample ID:	F35564-4	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8260B	**Percent Solids:**	76.1
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0035271.D	1	10/19/05	JG	10/08/05 11:20	n/a	VG1357
Run #2							

	Initial Weight
Run #1	5.38 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	61	31	ug/kg	
75-05-8	Acetonitrile	ND	61	24	ug/kg	
107-02-8	Acrolein	ND	31	15	ug/kg	
107-13-1	Acrylonitrile	ND	31	15	ug/kg	
107-05-1	Allyl chloride	ND	31	6.1	ug/kg	
71-43-2	Benzene	ND	6.1	2.4	ug/kg	
100-44-7	Benzyl Chloride	ND	6.1	3.1	ug/kg	
108-86-1	Bromobenzene	ND	6.1	2.4	ug/kg	
74-97-5	Bromochloromethane	ND	6.1	2.4	ug/kg	
75-27-4	Bromodichloromethane	ND	6.1	2.4	ug/kg	
75-25-2	Bromoform	ND	6.1	2.4	ug/kg	
104-51-8	n-Butylbenzene	ND	6.1	2.4	ug/kg	
135-98-8	sec-Butylbenzene	ND	6.1	2.4	ug/kg	
98-06-6	tert-Butylbenzene	ND	6.1	2.4	ug/kg	
108-90-7	Chlorobenzene	ND	6.1	2.4	ug/kg	
75-00-3	Chloroethane	ND	6.1	2.4	ug/kg	
67-66-3	Chloroform	ND	6.1	2.4	ug/kg	
544-10-5	1-Chlorohexane	ND	6.1	2.4	ug/kg	
95-49-8	o-Chlorotoluene	ND	6.1	2.4	ug/kg	
106-43-4	p-Chlorotoluene	ND	6.1	2.4	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	31	12	ug/kg	
75-15-0	Carbon disulfide	ND	6.1	2.4	ug/kg	
56-23-5	Carbon tetrachloride	ND	6.1	2.4	ug/kg	
75-34-3	1,1-Dichloroethane	ND	6.1	2.4	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	6.1	2.4	ug/kg	
563-58-6	1,1-Dichloropropene	ND	6.1	2.4	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	6.1	2.4	ug/kg	
106-93-4	1,2-Dibromoethane	ND	6.1	2.4	ug/kg	
107-06-2	1,2-Dichloroethane	ND	6.1	2.4	ug/kg	
78-87-5	1,2-Dichloropropane	ND	6.1	2.4	ug/kg	
142-28-9	1,3-Dichloropropane	ND	6.1	2.4	ug/kg	
594-20-7	2,2-Dichloropropane	ND	6.1	2.4	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB014-4,11		
Lab Sample ID:	F35564-4	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8260B	**Percent Solids:**	76.1
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	6.1	2.4	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.1	3.7	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	6.1	2.4	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	6.1	2.4	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	31		ug/kg	
541-73-1	m-Dichlorobenzene	ND	6.1	2.4	ug/kg	
95-50-1	o-Dichlorobenzene	ND	6.1	2.4	ug/kg	
106-46-7	p-Dichlorobenzene	ND	6.1	2.4	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	6.1	2.4	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	6.1	2.4	ug/kg	
100-41-4	Ethylbenzene	ND	6.1	2.4	ug/kg	
97-63-2	Ethyl methacrylate	ND	31	6.1	ug/kg	
76-13-1	Freon 113	ND	6.1	2.4	ug/kg	
591-78-6	2-Hexanone	ND	31	12	ug/kg	
87-68-3	Hexachlorobutadiene	ND	6.1	2.4	ug/kg	
110-54-3	Hexane	ND	6.1	2.4	ug/kg	
98-82-8	Isopropylbenzene	ND	6.1	2.4	ug/kg	
99-87-6	p-Isopropyltoluene	ND	6.1	2.4	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	31	12	ug/kg	
126-98-7	Methacrylonitrile	ND	31	12	ug/kg	
74-83-9	Methyl bromide	ND	6.1	2.4	ug/kg	
74-87-3	Methyl chloride	ND	6.1	2.4	ug/kg	
74-88-4	Methyl iodide	ND	12	2.4	ug/kg	
80-62-6	Methyl methacrylate	ND	31	6.1	ug/kg	
74-95-3	Methylene bromide	ND	6.1	2.4	ug/kg	
75-09-2	Methylene chloride [b]	11.5	12	6.1	ug/kg	J
78-93-3	Methyl ethyl ketone	ND	31	12	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	6.1	2.4	ug/kg	
91-20-3	Naphthalene	ND	6.1	2.4	ug/kg	
76-01-7	Pentachloroethane	ND	31	6.1	ug/kg	
107-12-0	Propionitrile	ND	61	12	ug/kg	
103-65-1	n-Propylbenzene	ND	6.1	2.4	ug/kg	
100-42-5	Styrene	ND	6.1	2.4	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	6.1	2.4	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	6.1	2.4	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6.1	2.4	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	6.1	2.4	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.1	2.4	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	6.1	2.4	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.1	2.4	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB014-4,11		
Lab Sample ID:	F35564-4	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8260B	**Percent Solids:**	76.1
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	6.1	2.4	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	6.1	2.4	ug/kg	
127-18-4	Tetrachloroethylene	ND	6.1	2.4	ug/kg	
108-88-3	Toluene	ND	6.1	2.4	ug/kg	
79-01-6	Trichloroethylene	ND	6.1	2.4	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.1	2.4	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	31	12	ug/kg	
75-01-4	Vinyl chloride	ND	6.1	2.4	ug/kg	
108-05-4	Vinyl Acetate	ND	31	12	ug/kg	
	m,p-Xylene	ND	12	3.1	ug/kg	
95-47-6	o-Xylene	ND	6.1	2.4	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		78-123%
2037-26-5	Toluene-D8	91%		71-137%
460-00-4	4-Bromofluorobenzene	91%		61-157%
17060-07-0	1,2-Dichloroethane-D4	91%		74-125%

(a) Sample was received in a bulk container but was not preserved within 48 hours of sampling.
(b) Suspected laboratory contaminant.

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E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB014-4,11		
Lab Sample ID:	F35564-4	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	76.1
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F012034.D	1	10/18/05	NJ	10/12/05	OP14667	SF656
Run #2							

	Initial Weight	Final Volume
Run #1	30.6 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1100	430	ug/kg	
95-57-8	2-Chlorophenol	ND	210	43	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	210	43	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	210	43	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	210	43	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1100	430	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	430	86	ug/kg	
95-48-7	2-Methylphenol	ND	210	43	ug/kg	
	3&4-Methylphenol	ND	210	43	ug/kg	
88-75-5	2-Nitrophenol	ND	210	43	ug/kg	
100-02-7	4-Nitrophenol	ND	1100	430	ug/kg	
87-86-5	Pentachlorophenol	ND	1100	430	ug/kg	
108-95-2	Phenol	ND	210	43	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	210	43	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	210	43	ug/kg	
83-32-9	Acenaphthene	ND	210	43	ug/kg	
208-96-8	Acenaphthylene	ND	210	43	ug/kg	
120-12-7	Anthracene	ND	210	43	ug/kg	
92-87-5	Benzidine	ND	2100	1100	ug/kg	
56-55-3	Benzo(a)anthracene	ND	210	43	ug/kg	
50-32-8	Benzo(a)pyrene	ND	210	43	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	210	43	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	210	86	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	210	43	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	210	43	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	430	110	ug/kg	
100-51-6	Benzyl Alcohol	ND	210	43	ug/kg	
91-58-7	2-Chloronaphthalene	ND	210	43	ug/kg	
106-47-8	4-Chloroaniline	ND	430	170	ug/kg	
218-01-9	Chrysene	ND	210	43	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	210	43	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	210	86	ug/kg	

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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB014-4,11		
Lab Sample ID:	F35564-4	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	76.1
Project:	HOLMN		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	210	43	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	210	43	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	210	43	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	210	43	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	210	43	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	210	86	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	210	86	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	430	210	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	210	86	ug/kg	
132-64-9	Dibenzofuran	ND	210	43	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	430	110	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	430	210	ug/kg	
84-66-2	Diethyl phthalate	ND	430	110	ug/kg	
131-11-3	Dimethyl phthalate	ND	430	110	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	430	210	ug/kg	
206-44-0	Fluoranthene	ND	210	43	ug/kg	
86-73-7	Fluorene	ND	210	43	ug/kg	
118-74-1	Hexachlorobenzene	ND	210	43	ug/kg	
87-68-3	Hexachlorobutadiene	ND	210	86	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	210	86	ug/kg	
67-72-1	Hexachloroethane	ND	210	86	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	210	86	ug/kg	
78-59-1	Isophorone	ND	210	43	ug/kg	
91-57-6	2-Methylnaphthalene	ND	210	43	ug/kg	
88-74-4	2-Nitroaniline	ND	430	110	ug/kg	
99-09-2	3-Nitroaniline	ND	430	110	ug/kg	
100-01-6	4-Nitroaniline	ND	430	150	ug/kg	
91-20-3	Naphthalene	ND	210	43	ug/kg	
98-95-3	Nitrobenzene	ND	210	43	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	210	86	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	210	43	ug/kg	
85-01-8	Phenanthrene	ND	210	43	ug/kg	
129-00-0	Pyrene	ND	210	86	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	210	43	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	73%		45-114%
4165-62-2	Phenol-d5	67%		44-124%
118-79-6	2,4,6-Tribromophenol	73%		50-128%

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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB014-4,11		
Lab Sample ID:	F35564-4	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	76.1
Project:	HOLMN		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	68%		41-123%
321-60-8	2-Fluorobiphenyl	70%		46-122%
1718-51-0	Terphenyl-d14	73%		45-135%

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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB014-4,11		
Lab Sample ID:	F35564-4	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8015	**Percent Solids:**	76.1
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	HH017155.D	1	10/19/05	AB	n/a	n/a	GHH780
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	6.07 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	3.61	7.0	3.5	mg/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	96%		62-135%
98-08-8	aaa-Trifluorotoluene	96%		65-118%

(a) Sample was received in a bulk container but was not preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB014-4,11		
Lab Sample ID:	F35564-4	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	76.1
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	IJ26316.D	1	10/19/05	SD	10/12/05	OP14664	GIJ1245
Run #2							

	Initial Weight	Final Volume
Run #1	30.8 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	31.7	11	6.4	mg/kg	
	TPH (> C22-C36)	ND	11	6.4	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	63%		57-115%

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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB014-33,39		
Lab Sample ID:	F35564-5	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8260B	**Percent Solids:**	77.3
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0035272.D	1	10/19/05	JG	10/08/05 11:20	n/a	VG1357
Run #2							

	Initial Weight
Run #1	4.94 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	65	33	ug/kg	
75-05-8	Acetonitrile	ND	65	26	ug/kg	
107-02-8	Acrolein	ND	33	16	ug/kg	
107-13-1	Acrylonitrile	ND	33	16	ug/kg	
107-05-1	Allyl chloride	ND	33	6.5	ug/kg	
71-43-2	Benzene	ND	6.5	2.6	ug/kg	
100-44-7	Benzyl Chloride	ND	6.5	3.3	ug/kg	
108-86-1	Bromobenzene	ND	6.5	2.6	ug/kg	
74-97-5	Bromochloromethane	ND	6.5	2.6	ug/kg	
75-27-4	Bromodichloromethane	ND	6.5	2.6	ug/kg	
75-25-2	Bromoform	ND	6.5	2.6	ug/kg	
104-51-8	n-Butylbenzene	ND	6.5	2.6	ug/kg	
135-98-8	sec-Butylbenzene	ND	6.5	2.6	ug/kg	
98-06-6	tert-Butylbenzene	ND	6.5	2.6	ug/kg	
108-90-7	Chlorobenzene	ND	6.5	2.6	ug/kg	
75-00-3	Chloroethane	ND	6.5	2.6	ug/kg	
67-66-3	Chloroform	ND	6.5	2.6	ug/kg	
544-10-5	1-Chlorohexane	ND	6.5	2.6	ug/kg	
95-49-8	o-Chlorotoluene	ND	6.5	2.6	ug/kg	
106-43-4	p-Chlorotoluene	ND	6.5	2.6	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	33	13	ug/kg	
75-15-0	Carbon disulfide	ND	6.5	2.6	ug/kg	
56-23-5	Carbon tetrachloride	ND	6.5	2.6	ug/kg	
75-34-3	1,1-Dichloroethane	ND	6.5	2.6	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	6.5	2.6	ug/kg	
563-58-6	1,1-Dichloropropene	ND	6.5	2.6	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	6.5	2.6	ug/kg	
106-93-4	1,2-Dibromoethane	ND	6.5	2.6	ug/kg	
107-06-2	1,2-Dichloroethane	ND	6.5	2.6	ug/kg	
78-87-5	1,2-Dichloropropane	ND	6.5	2.6	ug/kg	
142-28-9	1,3-Dichloropropane	ND	6.5	2.6	ug/kg	
594-20-7	2,2-Dichloropropane	ND	6.5	2.6	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB014-33,39		
Lab Sample ID:	F35564-5	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8260B	**Percent Solids:**	77.3
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	6.5	2.6	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.5	3.9	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	6.5	2.6	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	6.5	2.6	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	33		ug/kg	
541-73-1	m-Dichlorobenzene	ND	6.5	2.6	ug/kg	
95-50-1	o-Dichlorobenzene	ND	6.5	2.6	ug/kg	
106-46-7	p-Dichlorobenzene	ND	6.5	2.6	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	6.5	2.6	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	6.5	2.6	ug/kg	
100-41-4	Ethylbenzene	ND	6.5	2.6	ug/kg	
97-63-2	Ethyl methacrylate	ND	33	6.5	ug/kg	
76-13-1	Freon 113	ND	6.5	2.6	ug/kg	
591-78-6	2-Hexanone	ND	33	13	ug/kg	
87-68-3	Hexachlorobutadiene	ND	6.5	2.6	ug/kg	
110-54-3	Hexane	ND	6.5	2.6	ug/kg	
98-82-8	Isopropylbenzene	ND	6.5	2.6	ug/kg	
99-87-6	p-Isopropyltoluene	ND	6.5	2.6	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	33	13	ug/kg	
126-98-7	Methacrylonitrile	ND	33	13	ug/kg	
74-83-9	Methyl bromide	ND	6.5	2.6	ug/kg	
74-87-3	Methyl chloride	ND	6.5	2.6	ug/kg	
74-88-4	Methyl iodide	ND	13	2.6	ug/kg	
80-62-6	Methyl methacrylate	ND	33	6.5	ug/kg	
74-95-3	Methylene bromide	ND	6.5	2.6	ug/kg	
75-09-2	Methylene chloride [b]	15.0	13	6.5	ug/kg	
78-93-3	Methyl ethyl ketone	ND	33	13	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	6.5	2.6	ug/kg	
91-20-3	Naphthalene	ND	6.5	2.6	ug/kg	
76-01-7	Pentachloroethane	ND	33	6.5	ug/kg	
107-12-0	Propionitrile	ND	65	13	ug/kg	
103-65-1	n-Propylbenzene	ND	6.5	2.6	ug/kg	
100-42-5	Styrene	ND	6.5	2.6	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	6.5	2.6	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	6.5	2.6	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6.5	2.6	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	6.5	2.6	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.5	2.6	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	6.5	2.6	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.5	2.6	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB014-33,39		
Lab Sample ID:	F35564-5	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8260B	**Percent Solids:**	77.3
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	6.5	2.6	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	6.5	2.6	ug/kg	
127-18-4	Tetrachloroethylene	ND	6.5	2.6	ug/kg	
108-88-3	Toluene	ND	6.5	2.6	ug/kg	
79-01-6	Trichloroethylene	ND	6.5	2.6	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.5	2.6	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	33	13	ug/kg	
75-01-4	Vinyl chloride	ND	6.5	2.6	ug/kg	
108-05-4	Vinyl Acetate	ND	33	13	ug/kg	
	m,p-Xylene	ND	13	3.3	ug/kg	
95-47-6	o-Xylene	ND	6.5	2.6	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		78-123%
2037-26-5	Toluene-D8	94%		71-137%
460-00-4	4-Bromofluorobenzene	85%		61-157%
17060-07-0	1,2-Dichloroethane-D4	91%		74-125%

(a) Sample was received in a bulk container but was not preserved within 48 hours of sampling.
(b) Suspected laboratory contaminant.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB014-33,39		
Lab Sample ID:	F35564-5	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	77.3
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F012035.D	1	10/18/05	NJ	10/12/05	OP14667	SF656
Run #2							

	Initial Weight	Final Volume
Run #1	30.7 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1100	420	ug/kg	
95-57-8	2-Chlorophenol	ND	210	42	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	210	42	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	210	42	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	210	42	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1100	420	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	420	84	ug/kg	
95-48-7	2-Methylphenol	ND	210	42	ug/kg	
	3&4-Methylphenol	ND	210	42	ug/kg	
88-75-5	2-Nitrophenol	ND	210	42	ug/kg	
100-02-7	4-Nitrophenol	ND	1100	420	ug/kg	
87-86-5	Pentachlorophenol	ND	1100	420	ug/kg	
108-95-2	Phenol	ND	210	42	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	210	42	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	210	42	ug/kg	
83-32-9	Acenaphthene	ND	210	42	ug/kg	
208-96-8	Acenaphthylene	ND	210	42	ug/kg	
120-12-7	Anthracene	ND	210	42	ug/kg	
92-87-5	Benzidine	ND	2100	1100	ug/kg	
56-55-3	Benzo(a)anthracene	ND	210	42	ug/kg	
50-32-8	Benzo(a)pyrene	ND	210	42	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	210	42	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	210	84	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	210	42	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	210	42	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	420	110	ug/kg	
100-51-6	Benzyl Alcohol	ND	210	42	ug/kg	
91-58-7	2-Chloronaphthalene	ND	210	42	ug/kg	
106-47-8	4-Chloroaniline	ND	420	170	ug/kg	
218-01-9	Chrysene	ND	210	42	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	210	42	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	210	84	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB014-33,39		
Lab Sample ID:	F35564-5	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	77.3
Project:	HOLMN		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	210	42	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	210	42	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	210	42	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	210	42	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	210	42	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	210	84	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	210	84	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	420	210	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	210	84	ug/kg	
132-64-9	Dibenzofuran	ND	210	42	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	420	110	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	420	210	ug/kg	
84-66-2	Diethyl phthalate	ND	420	110	ug/kg	
131-11-3	Dimethyl phthalate	ND	420	110	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	420	210	ug/kg	
206-44-0	Fluoranthene	ND	210	42	ug/kg	
86-73-7	Fluorene	ND	210	42	ug/kg	
118-74-1	Hexachlorobenzene	ND	210	42	ug/kg	
87-68-3	Hexachlorobutadiene	ND	210	84	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	210	84	ug/kg	
67-72-1	Hexachloroethane	ND	210	84	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	210	84	ug/kg	
78-59-1	Isophorone	ND	210	42	ug/kg	
91-57-6	2-Methylnaphthalene	ND	210	42	ug/kg	
88-74-4	2-Nitroaniline	ND	420	110	ug/kg	
99-09-2	3-Nitroaniline	ND	420	110	ug/kg	
100-01-6	4-Nitroaniline	ND	420	150	ug/kg	
91-20-3	Naphthalene	ND	210	42	ug/kg	
98-95-3	Nitrobenzene	ND	210	42	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	210	84	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	210	42	ug/kg	
85-01-8	Phenanthrene	ND	210	42	ug/kg	
129-00-0	Pyrene	ND	210	84	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	210	42	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	76%		45-114%
4165-62-2	Phenol-d5	70%		44-124%
118-79-6	2,4,6-Tribromophenol	78%		50-128%

ND = Not detected MDL - Method Detection Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB014-33,39		
Lab Sample ID:	F35564-5	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	77.3
Project:	HOLMN		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	72%		41-123%
321-60-8	2-Fluorobiphenyl	75%		46-122%
1718-51-0	Terphenyl-d14	77%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB014-33,39		
Lab Sample ID:	F35564-5	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8015	**Percent Solids:**	77.3
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	HH017156.D	1	10/19/05	AB	n/a	n/a	GHH780
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.10 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	7.8	3.9	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	89%		62-135%
98-08-8	aaa-Trifluorotoluene	94%		65-118%

(a) Sample was received in a bulk container but was not preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB014-33,39		
Lab Sample ID:	F35564-5	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	77.3
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	IJ26317.D	1	10/19/05	SD	10/12/05	OP14664	GIJ1245
Run #2							

	Initial Weight	Final Volume
Run #1	30.2 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	11	6.4	mg/kg	
	TPH (> C22-C36)	ND	11	6.4	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	78%		57-115%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB014-57,66		
Lab Sample ID:	F35564-6	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8260B	**Percent Solids:**	71.5
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0035273.D	1	10/19/05	JG	10/08/05 11:20	n/a	VG1357
Run #2							

	Initial Weight
Run #1	5.79 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	60	30	ug/kg	
75-05-8	Acetonitrile	ND	60	24	ug/kg	
107-02-8	Acrolein	ND	30	15	ug/kg	
107-13-1	Acrylonitrile	ND	30	15	ug/kg	
107-05-1	Allyl chloride	ND	30	6.0	ug/kg	
71-43-2	Benzene	ND	6.0	2.4	ug/kg	
100-44-7	Benzyl Chloride	ND	6.0	3.0	ug/kg	
108-86-1	Bromobenzene	ND	6.0	2.4	ug/kg	
74-97-5	Bromochloromethane	ND	6.0	2.4	ug/kg	
75-27-4	Bromodichloromethane	ND	6.0	2.4	ug/kg	
75-25-2	Bromoform	ND	6.0	2.4	ug/kg	
104-51-8	n-Butylbenzene	ND	6.0	2.4	ug/kg	
135-98-8	sec-Butylbenzene	ND	6.0	2.4	ug/kg	
98-06-6	tert-Butylbenzene	ND	6.0	2.4	ug/kg	
108-90-7	Chlorobenzene	ND	6.0	2.4	ug/kg	
75-00-3	Chloroethane	ND	6.0	2.4	ug/kg	
67-66-3	Chloroform	ND	6.0	2.4	ug/kg	
544-10-5	1-Chlorohexane	ND	6.0	2.4	ug/kg	
95-49-8	o-Chlorotoluene	ND	6.0	2.4	ug/kg	
106-43-4	p-Chlorotoluene	ND	6.0	2.4	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	30	12	ug/kg	
75-15-0	Carbon disulfide	4.9	6.0	2.4	ug/kg	J
56-23-5	Carbon tetrachloride	ND	6.0	2.4	ug/kg	
75-34-3	1,1-Dichloroethane	ND	6.0	2.4	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	6.0	2.4	ug/kg	
563-58-6	1,1-Dichloropropene	ND	6.0	2.4	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	6.0	2.4	ug/kg	
106-93-4	1,2-Dibromoethane	ND	6.0	2.4	ug/kg	
107-06-2	1,2-Dichloroethane	ND	6.0	2.4	ug/kg	
78-87-5	1,2-Dichloropropane	ND	6.0	2.4	ug/kg	
142-28-9	1,3-Dichloropropane	ND	6.0	2.4	ug/kg	
594-20-7	2,2-Dichloropropane	ND	6.0	2.4	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB014-57,66		
Lab Sample ID:	F35564-6	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8260B	**Percent Solids:**	71.5
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	6.0	2.4	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.0	3.6	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	6.0	2.4	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	6.0	2.4	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	30		ug/kg	
541-73-1	m-Dichlorobenzene	ND	6.0	2.4	ug/kg	
95-50-1	o-Dichlorobenzene	ND	6.0	2.4	ug/kg	
106-46-7	p-Dichlorobenzene	ND	6.0	2.4	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	6.0	2.4	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	6.0	2.4	ug/kg	
100-41-4	Ethylbenzene	ND	6.0	2.4	ug/kg	
97-63-2	Ethyl methacrylate	ND	30	6.0	ug/kg	
76-13-1	Freon 113	ND	6.0	2.4	ug/kg	
591-78-6	2-Hexanone	ND	30	12	ug/kg	
87-68-3	Hexachlorobutadiene	ND	6.0	2.4	ug/kg	
110-54-3	Hexane	ND	6.0	2.4	ug/kg	
98-82-8	Isopropylbenzene	ND	6.0	2.4	ug/kg	
99-87-6	p-Isopropyltoluene	ND	6.0	2.4	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	30	12	ug/kg	
126-98-7	Methacrylonitrile	ND	30	12	ug/kg	
74-83-9	Methyl bromide	ND	6.0	2.4	ug/kg	
74-87-3	Methyl chloride	ND	6.0	2.4	ug/kg	
74-88-4	Methyl iodide	ND	12	2.4	ug/kg	
80-62-6	Methyl methacrylate	ND	30	6.0	ug/kg	
74-95-3	Methylene bromide	ND	6.0	2.4	ug/kg	
75-09-2	Methylene chloride [b]	12.6	12	6.0	ug/kg	
78-93-3	Methyl ethyl ketone	ND	30	12	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	6.0	2.4	ug/kg	
91-20-3	Naphthalene	ND	6.0	2.4	ug/kg	
76-01-7	Pentachloroethane	ND	30	6.0	ug/kg	
107-12-0	Propionitrile	ND	60	12	ug/kg	
103-65-1	n-Propylbenzene	ND	6.0	2.4	ug/kg	
100-42-5	Styrene	ND	6.0	2.4	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	6.0	2.4	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	6.0	2.4	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6.0	2.4	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	6.0	2.4	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.0	2.4	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	6.0	2.4	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.0	2.4	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB014-57,66		
Lab Sample ID:	F35564-6	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8260B	**Percent Solids:**	71.5
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	6.0	2.4	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	6.0	2.4	ug/kg	
127-18-4	Tetrachloroethylene	ND	6.0	2.4	ug/kg	
108-88-3	Toluene	ND	6.0	2.4	ug/kg	
79-01-6	Trichloroethylene	ND	6.0	2.4	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.0	2.4	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	30	12	ug/kg	
75-01-4	Vinyl chloride	ND	6.0	2.4	ug/kg	
108-05-4	Vinyl Acetate	ND	30	12	ug/kg	
	m,p-Xylene	ND	12	3.0	ug/kg	
95-47-6	o-Xylene	ND	6.0	2.4	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		78-123%
2037-26-5	Toluene-D8	94%		71-137%
460-00-4	4-Bromofluorobenzene	84%		61-157%
17060-07-0	1,2-Dichloroethane-D4	86%		74-125%

(a) Sample was received in a bulk container but was not preserved within 48 hours of sampling.
(b) Suspected laboratory contaminant.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB014-57,66		
Lab Sample ID:	F35564-6	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	71.5
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F012036.D	1	10/18/05	NJ	10/12/05	OP14667	SF656
Run #2							

	Initial Weight	Final Volume
Run #1	30.0 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1200	470	ug/kg	
95-57-8	2-Chlorophenol	ND	230	47	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	230	47	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	230	47	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	230	47	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1200	470	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	470	93	ug/kg	
95-48-7	2-Methylphenol	ND	230	47	ug/kg	
	3&4-Methylphenol	ND	230	47	ug/kg	
88-75-5	2-Nitrophenol	ND	230	47	ug/kg	
100-02-7	4-Nitrophenol	ND	1200	470	ug/kg	
87-86-5	Pentachlorophenol	ND	1200	470	ug/kg	
108-95-2	Phenol	ND	230	47	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	230	47	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	230	47	ug/kg	
83-32-9	Acenaphthene	ND	230	47	ug/kg	
208-96-8	Acenaphthylene	ND	230	47	ug/kg	
120-12-7	Anthracene	ND	230	47	ug/kg	
92-87-5	Benzidine	ND	2300	1200	ug/kg	
56-55-3	Benzo(a)anthracene	ND	230	47	ug/kg	
50-32-8	Benzo(a)pyrene	ND	230	47	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	230	47	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	230	93	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	230	47	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	230	47	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	470	120	ug/kg	
100-51-6	Benzyl Alcohol	ND	230	47	ug/kg	
91-58-7	2-Chloronaphthalene	ND	230	47	ug/kg	
106-47-8	4-Chloroaniline	ND	470	190	ug/kg	
218-01-9	Chrysene	ND	230	47	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	230	47	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	230	93	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB014-57,66		
Lab Sample ID:	F35564-6	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	71.5
Project:	HOLMN		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	230	47	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	230	47	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	230	47	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	230	47	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	230	47	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	230	93	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	230	93	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	470	230	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	230	93	ug/kg	
132-64-9	Dibenzofuran	ND	230	47	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	470	120	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	470	230	ug/kg	
84-66-2	Diethyl phthalate	ND	470	120	ug/kg	
131-11-3	Dimethyl phthalate	ND	470	120	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	470	230	ug/kg	
206-44-0	Fluoranthene	ND	230	47	ug/kg	
86-73-7	Fluorene	ND	230	47	ug/kg	
118-74-1	Hexachlorobenzene	ND	230	47	ug/kg	
87-68-3	Hexachlorobutadiene	ND	230	93	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	230	93	ug/kg	
67-72-1	Hexachloroethane	ND	230	93	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	230	93	ug/kg	
78-59-1	Isophorone	ND	230	47	ug/kg	
91-57-6	2-Methylnaphthalene	ND	230	47	ug/kg	
88-74-4	2-Nitroaniline	ND	470	120	ug/kg	
99-09-2	3-Nitroaniline	ND	470	120	ug/kg	
100-01-6	4-Nitroaniline	ND	470	160	ug/kg	
91-20-3	Naphthalene	ND	230	47	ug/kg	
98-95-3	Nitrobenzene	ND	230	47	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	230	93	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	230	47	ug/kg	
85-01-8	Phenanthrene	ND	230	47	ug/kg	
129-00-0	Pyrene	ND	230	93	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	230	47	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	76%		45-114%
4165-62-2	Phenol-d5	70%		44-124%
118-79-6	2,4,6-Tribromophenol	77%		50-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB014-57,66		
Lab Sample ID:	F35564-6	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	71.5
Project:	HOLMN		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	71%		41-123%
321-60-8	2-Fluorobiphenyl	74%		46-122%
1718-51-0	Terphenyl-d14	76%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB014-57,66		
Lab Sample ID:	F35564-6	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8015	**Percent Solids:**	71.5
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	HH017157.D	1	10/19/05	AB	n/a	n/a	GHH780
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.75 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	8.1	4.0	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	87%		62-135%
98-08-8	aaa-Trifluorotoluene	92%		65-118%

(a) Sample was received in a bulk container but was not preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB014-57,66		
Lab Sample ID:	F35564-6	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	71.5
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	IJ26318.D	1	10/19/05	SD	10/12/05	OP14664	GIJ1245
Run #2							

	Initial Weight	Final Volume
Run #1	30.4 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	12	6.9	mg/kg	
	TPH (> C22-C36)	ND	12	6.9	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	88%		57-115%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB015-4,13		
Lab Sample ID:	F35564-7	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8260B	**Percent Solids:**	72.4
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0035274.D	1	10/19/05	JG	10/08/05 11:20	n/a	VG1357
Run #2							

	Initial Weight
Run #1	5.18 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	67	33	ug/kg	
75-05-8	Acetonitrile	ND	67	27	ug/kg	
107-02-8	Acrolein	ND	33	17	ug/kg	
107-13-1	Acrylonitrile	ND	33	17	ug/kg	
107-05-1	Allyl chloride	ND	33	6.7	ug/kg	
71-43-2	Benzene	ND	6.7	2.7	ug/kg	
100-44-7	Benzyl Chloride	ND	6.7	3.3	ug/kg	
108-86-1	Bromobenzene	ND	6.7	2.7	ug/kg	
74-97-5	Bromochloromethane	ND	6.7	2.7	ug/kg	
75-27-4	Bromodichloromethane	ND	6.7	2.7	ug/kg	
75-25-2	Bromoform	ND	6.7	2.7	ug/kg	
104-51-8	n-Butylbenzene	ND	6.7	2.7	ug/kg	
135-98-8	sec-Butylbenzene	ND	6.7	2.7	ug/kg	
98-06-6	tert-Butylbenzene	ND	6.7	2.7	ug/kg	
108-90-7	Chlorobenzene	ND	6.7	2.7	ug/kg	
75-00-3	Chloroethane	ND	6.7	2.7	ug/kg	
67-66-3	Chloroform	ND	6.7	2.7	ug/kg	
544-10-5	1-Chlorohexane	ND	6.7	2.7	ug/kg	
95-49-8	o-Chlorotoluene	ND	6.7	2.7	ug/kg	
106-43-4	p-Chlorotoluene	ND	6.7	2.7	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	33	13	ug/kg	
75-15-0	Carbon disulfide	ND	6.7	2.7	ug/kg	
56-23-5	Carbon tetrachloride	ND	6.7	2.7	ug/kg	
75-34-3	1,1-Dichloroethane	ND	6.7	2.7	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	6.7	2.7	ug/kg	
563-58-6	1,1-Dichloropropene	ND	6.7	2.7	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	6.7	2.7	ug/kg	
106-93-4	1,2-Dibromoethane	ND	6.7	2.7	ug/kg	
107-06-2	1,2-Dichloroethane	ND	6.7	2.7	ug/kg	
78-87-5	1,2-Dichloropropane	ND	6.7	2.7	ug/kg	
142-28-9	1,3-Dichloropropane	ND	6.7	2.7	ug/kg	
594-20-7	2,2-Dichloropropane	ND	6.7	2.7	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB015-4,13		
Lab Sample ID:	F35564-7	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8260B	**Percent Solids:**	72.4
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	6.7	2.7	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.7	4.0	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	6.7	2.7	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	6.7	2.7	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	33		ug/kg	
541-73-1	m-Dichlorobenzene	ND	6.7	2.7	ug/kg	
95-50-1	o-Dichlorobenzene	ND	6.7	2.7	ug/kg	
106-46-7	p-Dichlorobenzene	ND	6.7	2.7	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	6.7	2.7	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	6.7	2.7	ug/kg	
100-41-4	Ethylbenzene	ND	6.7	2.7	ug/kg	
97-63-2	Ethyl methacrylate	ND	33	6.7	ug/kg	
76-13-1	Freon 113	ND	6.7	2.7	ug/kg	
591-78-6	2-Hexanone	ND	33	13	ug/kg	
87-68-3	Hexachlorobutadiene	ND	6.7	2.7	ug/kg	
110-54-3	Hexane	ND	6.7	2.7	ug/kg	
98-82-8	Isopropylbenzene	ND	6.7	2.7	ug/kg	
99-87-6	p-Isopropyltoluene	ND	6.7	2.7	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	33	13	ug/kg	
126-98-7	Methacrylonitrile	ND	33	13	ug/kg	
74-83-9	Methyl bromide	ND	6.7	2.7	ug/kg	
74-87-3	Methyl chloride	ND	6.7	2.7	ug/kg	
74-88-4	Methyl iodide	ND	13	2.7	ug/kg	
80-62-6	Methyl methacrylate	ND	33	6.7	ug/kg	
74-95-3	Methylene bromide	ND	6.7	2.7	ug/kg	
75-09-2	Methylene chloride [b]	12.8	13	6.7	ug/kg	J
78-93-3	Methyl ethyl ketone	ND	33	13	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	6.7	2.7	ug/kg	
91-20-3	Naphthalene	ND	6.7	2.7	ug/kg	
76-01-7	Pentachloroethane	ND	33	6.7	ug/kg	
107-12-0	Propionitrile	ND	67	13	ug/kg	
103-65-1	n-Propylbenzene	ND	6.7	2.7	ug/kg	
100-42-5	Styrene	ND	6.7	2.7	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	6.7	2.7	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	6.7	2.7	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6.7	2.7	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	6.7	2.7	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.7	2.7	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	6.7	2.7	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.7	2.7	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB015-4,13		
Lab Sample ID:	F35564-7	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8260B	**Percent Solids:**	72.4
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	6.7	2.7	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	6.7	2.7	ug/kg	
127-18-4	Tetrachloroethylene	ND	6.7	2.7	ug/kg	
108-88-3	Toluene	ND	6.7	2.7	ug/kg	
79-01-6	Trichloroethylene	ND	6.7	2.7	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.7	2.7	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	33	13	ug/kg	
75-01-4	Vinyl chloride	ND	6.7	2.7	ug/kg	
108-05-4	Vinyl Acetate	ND	33	13	ug/kg	
	m,p-Xylene	ND	13	3.3	ug/kg	
95-47-6	o-Xylene	ND	6.7	2.7	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		78-123%
2037-26-5	Toluene-D8	91%		71-137%
460-00-4	4-Bromofluorobenzene	84%		61-157%
17060-07-0	1,2-Dichloroethane-D4	92%		74-125%

(a) Sample was received in a bulk container but was not preserved within 48 hours of sampling.
(b) Suspected laboratory contaminant.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB015-4,13		
Lab Sample ID:	F35564-7	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	72.4
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F012037.D	1	10/18/05	NJ	10/12/05	OP14667	SF656
Run #2							

	Initial Weight	Final Volume
Run #1	30.6 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1100	450	ug/kg	
95-57-8	2-Chlorophenol	ND	230	45	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	230	45	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	230	45	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	230	45	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1100	450	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	450	90	ug/kg	
95-48-7	2-Methylphenol	ND	230	45	ug/kg	
	3&4-Methylphenol	ND	230	45	ug/kg	
88-75-5	2-Nitrophenol	ND	230	45	ug/kg	
100-02-7	4-Nitrophenol	ND	1100	450	ug/kg	
87-86-5	Pentachlorophenol	ND	1100	450	ug/kg	
108-95-2	Phenol	ND	230	45	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	230	45	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	230	45	ug/kg	
83-32-9	Acenaphthene	ND	230	45	ug/kg	
208-96-8	Acenaphthylene	ND	230	45	ug/kg	
120-12-7	Anthracene	ND	230	45	ug/kg	
92-87-5	Benzidine	ND	2300	1100	ug/kg	
56-55-3	Benzo(a)anthracene	ND	230	45	ug/kg	
50-32-8	Benzo(a)pyrene	ND	230	45	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	230	45	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	230	90	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	230	45	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	230	45	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	450	110	ug/kg	
100-51-6	Benzyl Alcohol	ND	230	45	ug/kg	
91-58-7	2-Chloronaphthalene	ND	230	45	ug/kg	
106-47-8	4-Chloroaniline	ND	450	180	ug/kg	
218-01-9	Chrysene	ND	230	45	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	230	45	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	230	90	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB015-4,13		
Lab Sample ID:	F35564-7	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	72.4
Project:	HOLMN		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	230	45	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	230	45	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	230	45	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	230	45	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	230	45	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	230	90	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	230	90	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	450	230	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	230	90	ug/kg	
132-64-9	Dibenzofuran	ND	230	45	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	450	110	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	450	230	ug/kg	
84-66-2	Diethyl phthalate	ND	450	110	ug/kg	
131-11-3	Dimethyl phthalate	ND	450	110	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	450	230	ug/kg	
206-44-0	Fluoranthene	ND	230	45	ug/kg	
86-73-7	Fluorene	ND	230	45	ug/kg	
118-74-1	Hexachlorobenzene	ND	230	45	ug/kg	
87-68-3	Hexachlorobutadiene	ND	230	90	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	230	90	ug/kg	
67-72-1	Hexachloroethane	ND	230	90	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	230	90	ug/kg	
78-59-1	Isophorone	ND	230	45	ug/kg	
91-57-6	2-Methylnaphthalene	ND	230	45	ug/kg	
88-74-4	2-Nitroaniline	ND	450	110	ug/kg	
99-09-2	3-Nitroaniline	ND	450	110	ug/kg	
100-01-6	4-Nitroaniline	ND	450	160	ug/kg	
91-20-3	Naphthalene	ND	230	45	ug/kg	
98-95-3	Nitrobenzene	ND	230	45	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	230	90	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	230	45	ug/kg	
85-01-8	Phenanthrene	ND	230	45	ug/kg	
129-00-0	Pyrene	ND	230	90	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	230	45	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	64%		45-114%
4165-62-2	Phenol-d5	59%		44-124%
118-79-6	2,4,6-Tribromophenol	69%		50-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB015-4,13		
Lab Sample ID:	F35564-7	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	72.4
Project:	HOLMN		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	61%		41-123%
321-60-8	2-Fluorobiphenyl	64%		46-122%
1718-51-0	Terphenyl-d14	65%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB015-4,13		
Lab Sample ID:	F35564-7	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8015	**Percent Solids:**	72.4
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	HH017158.D	1	10/19/05	AB	n/a	n/a	GHH780
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.16 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	8.6	4.3	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	89%		62-135%
98-08-8	aaa-Trifluorotoluene	95%		65-118%

(a) Sample was received in a bulk container but was not preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB015-4,13		
Lab Sample ID:	F35564-7	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	72.4
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	IJ26319.D	1	10/19/05	SD	10/12/05	OP14664	GIJ1245
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	11	6.9	mg/kg	
	TPH (> C22-C36)	ND	11	6.9	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	62%		57-115%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB015-21,41		
Lab Sample ID:	F35564-8	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8260B	**Percent Solids:**	73.4
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0035275.D	1	10/19/05	JG	10/08/05 11:20	n/a	VG1357
Run #2							

	Initial Weight
Run #1	4.56 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	75	37	ug/kg	
75-05-8	Acetonitrile	ND	75	30	ug/kg	
107-02-8	Acrolein	ND	37	19	ug/kg	
107-13-1	Acrylonitrile	ND	37	19	ug/kg	
107-05-1	Allyl chloride	ND	37	7.5	ug/kg	
71-43-2	Benzene	ND	7.5	3.0	ug/kg	
100-44-7	Benzyl Chloride	ND	7.5	3.7	ug/kg	
108-86-1	Bromobenzene	ND	7.5	3.0	ug/kg	
74-97-5	Bromochloromethane	ND	7.5	3.0	ug/kg	
75-27-4	Bromodichloromethane	ND	7.5	3.0	ug/kg	
75-25-2	Bromoform	ND	7.5	3.0	ug/kg	
104-51-8	n-Butylbenzene	ND	7.5	3.0	ug/kg	
135-98-8	sec-Butylbenzene	ND	7.5	3.0	ug/kg	
98-06-6	tert-Butylbenzene	ND	7.5	3.0	ug/kg	
108-90-7	Chlorobenzene	ND	7.5	3.0	ug/kg	
75-00-3	Chloroethane	ND	7.5	3.0	ug/kg	
67-66-3	Chloroform	ND	7.5	3.0	ug/kg	
544-10-5	1-Chlorohexane	ND	7.5	3.0	ug/kg	
95-49-8	o-Chlorotoluene	ND	7.5	3.0	ug/kg	
106-43-4	p-Chlorotoluene	ND	7.5	3.0	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	37	15	ug/kg	
75-15-0	Carbon disulfide	ND	7.5	3.0	ug/kg	
56-23-5	Carbon tetrachloride	ND	7.5	3.0	ug/kg	
75-34-3	1,1-Dichloroethane	ND	7.5	3.0	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	7.5	3.0	ug/kg	
563-58-6	1,1-Dichloropropene	ND	7.5	3.0	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	7.5	3.0	ug/kg	
106-93-4	1,2-Dibromoethane	ND	7.5	3.0	ug/kg	
107-06-2	1,2-Dichloroethane	ND	7.5	3.0	ug/kg	
78-87-5	1,2-Dichloropropane	ND	7.5	3.0	ug/kg	
142-28-9	1,3-Dichloropropane	ND	7.5	3.0	ug/kg	
594-20-7	2,2-Dichloropropane	ND	7.5	3.0	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB015-21,41		
Lab Sample ID:	F35564-8	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8260B	**Percent Solids:**	73.4
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	7.5	3.0	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	7.5	4.5	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	7.5	3.0	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	7.5	3.0	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	37		ug/kg	
541-73-1	m-Dichlorobenzene	ND	7.5	3.0	ug/kg	
95-50-1	o-Dichlorobenzene	ND	7.5	3.0	ug/kg	
106-46-7	p-Dichlorobenzene	ND	7.5	3.0	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	7.5	3.0	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	7.5	3.0	ug/kg	
100-41-4	Ethylbenzene	ND	7.5	3.0	ug/kg	
97-63-2	Ethyl methacrylate	ND	37	7.5	ug/kg	
76-13-1	Freon 113	ND	7.5	3.0	ug/kg	
591-78-6	2-Hexanone	ND	37	15	ug/kg	
87-68-3	Hexachlorobutadiene	ND	7.5	3.0	ug/kg	
110-54-3	Hexane	ND	7.5	3.0	ug/kg	
98-82-8	Isopropylbenzene	ND	7.5	3.0	ug/kg	
99-87-6	p-Isopropyltoluene	ND	7.5	3.0	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	37	15	ug/kg	
126-98-7	Methacrylonitrile	ND	37	15	ug/kg	
74-83-9	Methyl bromide	ND	7.5	3.0	ug/kg	
74-87-3	Methyl chloride	ND	7.5	3.0	ug/kg	
74-88-4	Methyl iodide	ND	15	3.0	ug/kg	
80-62-6	Methyl methacrylate	ND	37	7.5	ug/kg	
74-95-3	Methylene bromide	ND	7.5	3.0	ug/kg	
75-09-2	Methylene chloride [b]	10.7	15	7.5	ug/kg	J
78-93-3	Methyl ethyl ketone	ND	37	15	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	7.5	3.0	ug/kg	
91-20-3	Naphthalene	ND	7.5	3.0	ug/kg	
76-01-7	Pentachloroethane	ND	37	7.5	ug/kg	
107-12-0	Propionitrile	ND	75	15	ug/kg	
103-65-1	n-Propylbenzene	ND	7.5	3.0	ug/kg	
100-42-5	Styrene	ND	7.5	3.0	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	7.5	3.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	7.5	3.0	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	7.5	3.0	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	7.5	3.0	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	7.5	3.0	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	7.5	3.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	7.5	3.0	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB015-21,41		
Lab Sample ID:	F35564-8	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8260B	**Percent Solids:**	73.4
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	7.5	3.0	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	7.5	3.0	ug/kg	
127-18-4	Tetrachloroethylene	ND	7.5	3.0	ug/kg	
108-88-3	Toluene	ND	7.5	3.0	ug/kg	
79-01-6	Trichloroethylene	ND	7.5	3.0	ug/kg	
75-69-4	Trichlorofluoromethane	ND	7.5	3.0	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	37	15	ug/kg	
75-01-4	Vinyl chloride	ND	7.5	3.0	ug/kg	
108-05-4	Vinyl Acetate	ND	37	15	ug/kg	
	m,p-Xylene	ND	15	3.7	ug/kg	
95-47-6	o-Xylene	ND	7.5	3.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		78-123%
2037-26-5	Toluene-D8	94%		71-137%
460-00-4	4-Bromofluorobenzene	83%		61-157%
17060-07-0	1,2-Dichloroethane-D4	88%		74-125%

(a) Sample was received in a bulk container but was not preserved within 48 hours of sampling.
(b) Suspected laboratory contaminant.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB015-21,41		
Lab Sample ID:	F35564-8	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	73.4
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F012038.D	1	10/18/05	NJ	10/12/05	OP14667	SF656
Run #2							

	Initial Weight	Final Volume
Run #1	30.2 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1100	450	ug/kg	
95-57-8	2-Chlorophenol	ND	230	45	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	230	45	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	230	45	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	230	45	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1100	450	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	450	90	ug/kg	
95-48-7	2-Methylphenol	ND	230	45	ug/kg	
	3&4-Methylphenol	ND	230	45	ug/kg	
88-75-5	2-Nitrophenol	ND	230	45	ug/kg	
100-02-7	4-Nitrophenol	ND	1100	450	ug/kg	
87-86-5	Pentachlorophenol	ND	1100	450	ug/kg	
108-95-2	Phenol	ND	230	45	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	230	45	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	230	45	ug/kg	
83-32-9	Acenaphthene	ND	230	45	ug/kg	
208-96-8	Acenaphthylene	ND	230	45	ug/kg	
120-12-7	Anthracene	ND	230	45	ug/kg	
92-87-5	Benzidine	ND	2300	1100	ug/kg	
56-55-3	Benzo(a)anthracene	ND	230	45	ug/kg	
50-32-8	Benzo(a)pyrene	ND	230	45	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	230	45	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	230	90	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	230	45	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	230	45	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	450	110	ug/kg	
100-51-6	Benzyl Alcohol	ND	230	45	ug/kg	
91-58-7	2-Chloronaphthalene	ND	230	45	ug/kg	
106-47-8	4-Chloroaniline	ND	450	180	ug/kg	
218-01-9	Chrysene	ND	230	45	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	230	45	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	230	90	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB015-21,41		
Lab Sample ID:	F35564-8	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	73.4
Project:	HOLMN		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	230	45	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	230	45	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	230	45	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	230	45	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	230	45	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	230	90	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	230	90	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	450	230	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	230	90	ug/kg	
132-64-9	Dibenzofuran	ND	230	45	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	450	110	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	450	230	ug/kg	
84-66-2	Diethyl phthalate	ND	450	110	ug/kg	
131-11-3	Dimethyl phthalate	ND	450	110	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	450	230	ug/kg	
206-44-0	Fluoranthene	ND	230	45	ug/kg	
86-73-7	Fluorene	ND	230	45	ug/kg	
118-74-1	Hexachlorobenzene	ND	230	45	ug/kg	
87-68-3	Hexachlorobutadiene	ND	230	90	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	230	90	ug/kg	
67-72-1	Hexachloroethane	ND	230	90	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	230	90	ug/kg	
78-59-1	Isophorone	ND	230	45	ug/kg	
91-57-6	2-Methylnaphthalene	ND	230	45	ug/kg	
88-74-4	2-Nitroaniline	ND	450	110	ug/kg	
99-09-2	3-Nitroaniline	ND	450	110	ug/kg	
100-01-6	4-Nitroaniline	ND	450	160	ug/kg	
91-20-3	Naphthalene	ND	230	45	ug/kg	
98-95-3	Nitrobenzene	ND	230	45	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	230	90	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	230	45	ug/kg	
85-01-8	Phenanthrene	ND	230	45	ug/kg	
129-00-0	Pyrene	ND	230	90	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	230	45	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	74%		45-114%
4165-62-2	Phenol-d5	66%		44-124%
118-79-6	2,4,6-Tribromophenol	76%		50-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB015-21,41		
Lab Sample ID:	F35564-8	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	73.4
Project:	HOLMN		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	69%		41-123%
321-60-8	2-Fluorobiphenyl	71%		46-122%
1718-51-0	Terphenyl-d14	76%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB015-21,41		
Lab Sample ID:	F35564-8	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8015	**Percent Solids:**	73.4
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	HH017159.D	1	10/19/05	AB	n/a	n/a	GHH780
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	4.90 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	8.8	4.4	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	88%		62-135%
98-08-8	aaa-Trifluorotoluene	93%		65-118%

(a) Sample was received in a bulk container but was not preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB015-21,41		
Lab Sample ID:	F35564-8	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	73.4
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	IJ26320.D	1	10/19/05	SD	10/12/05	OP14664	GIJ1245
Run #2							

	Initial Weight	Final Volume
Run #1	30.3 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	11	6.7	mg/kg	
	TPH (> C22-C36)	ND	11	6.7	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	89%		57-115%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB015-67,89		
Lab Sample ID:	F35564-9	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8260B	**Percent Solids:**	73.4
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0035267.D	1	10/19/05	JG	10/08/05 11:20	n/a	VG1357
Run #2							

	Initial Weight
Run #1	4.71 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	72	36	ug/kg	
75-05-8	Acetonitrile	ND	72	29	ug/kg	
107-02-8	Acrolein	ND	36	18	ug/kg	
107-13-1	Acrylonitrile	ND	36	18	ug/kg	
107-05-1	Allyl chloride	ND	36	7.2	ug/kg	
71-43-2	Benzene	ND	7.2	2.9	ug/kg	
100-44-7	Benzyl Chloride	ND	7.2	3.6	ug/kg	
108-86-1	Bromobenzene	ND	7.2	2.9	ug/kg	
74-97-5	Bromochloromethane	ND	7.2	2.9	ug/kg	
75-27-4	Bromodichloromethane	ND	7.2	2.9	ug/kg	
75-25-2	Bromoform	ND	7.2	2.9	ug/kg	
104-51-8	n-Butylbenzene	ND	7.2	2.9	ug/kg	
135-98-8	sec-Butylbenzene	ND	7.2	2.9	ug/kg	
98-06-6	tert-Butylbenzene	ND	7.2	2.9	ug/kg	
108-90-7	Chlorobenzene	ND	7.2	2.9	ug/kg	
75-00-3	Chloroethane	ND	7.2	2.9	ug/kg	
67-66-3	Chloroform	ND	7.2	2.9	ug/kg	
544-10-5	1-Chlorohexane	ND	7.2	2.9	ug/kg	
95-49-8	o-Chlorotoluene	ND	7.2	2.9	ug/kg	
106-43-4	p-Chlorotoluene	ND	7.2	2.9	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	36	14	ug/kg	
75-15-0	Carbon disulfide	ND	7.2	2.9	ug/kg	
56-23-5	Carbon tetrachloride	ND	7.2	2.9	ug/kg	
75-34-3	1,1-Dichloroethane	ND	7.2	2.9	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	7.2	2.9	ug/kg	
563-58-6	1,1-Dichloropropene	ND	7.2	2.9	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	7.2	2.9	ug/kg	
106-93-4	1,2-Dibromoethane	ND	7.2	2.9	ug/kg	
107-06-2	1,2-Dichloroethane	ND	7.2	2.9	ug/kg	
78-87-5	1,2-Dichloropropane	ND	7.2	2.9	ug/kg	
142-28-9	1,3-Dichloropropane	ND	7.2	2.9	ug/kg	
594-20-7	2,2-Dichloropropane	ND	7.2	2.9	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB015-67,89		
Lab Sample ID:	F35564-9	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8260B	**Percent Solids:**	73.4
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	7.2	2.9	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	7.2	4.3	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	7.2	2.9	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	7.2	2.9	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	36		ug/kg	
541-73-1	m-Dichlorobenzene	ND	7.2	2.9	ug/kg	
95-50-1	o-Dichlorobenzene	ND	7.2	2.9	ug/kg	
106-46-7	p-Dichlorobenzene	ND	7.2	2.9	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	7.2	2.9	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	7.2	2.9	ug/kg	
100-41-4	Ethylbenzene	ND	7.2	2.9	ug/kg	
97-63-2	Ethyl methacrylate	ND	36	7.2	ug/kg	
76-13-1	Freon 113	ND	7.2	2.9	ug/kg	
591-78-6	2-Hexanone	ND	36	14	ug/kg	
87-68-3	Hexachlorobutadiene	ND	7.2	2.9	ug/kg	
110-54-3	Hexane	ND	7.2	2.9	ug/kg	
98-82-8	Isopropylbenzene	ND	7.2	2.9	ug/kg	
99-87-6	p-Isopropyltoluene	ND	7.2	2.9	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	36	14	ug/kg	
126-98-7	Methacrylonitrile	ND	36	14	ug/kg	
74-83-9	Methyl bromide	ND	7.2	2.9	ug/kg	
74-87-3	Methyl chloride	ND	7.2	2.9	ug/kg	
74-88-4	Methyl iodide	ND	14	2.9	ug/kg	
80-62-6	Methyl methacrylate	ND	36	7.2	ug/kg	
74-95-3	Methylene bromide	ND	7.2	2.9	ug/kg	
75-09-2	Methylene chloride [b]	22.2	14	7.2	ug/kg	
78-93-3	Methyl ethyl ketone	ND	36	14	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	7.2	2.9	ug/kg	
91-20-3	Naphthalene	ND	7.2	2.9	ug/kg	
76-01-7	Pentachloroethane	ND	36	7.2	ug/kg	
107-12-0	Propionitrile	ND	72	14	ug/kg	
103-65-1	n-Propylbenzene	ND	7.2	2.9	ug/kg	
100-42-5	Styrene	ND	7.2	2.9	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	7.2	2.9	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	7.2	2.9	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	7.2	2.9	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	7.2	2.9	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	7.2	2.9	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	7.2	2.9	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	7.2	2.9	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB015-67,89		
Lab Sample ID:	F35564-9	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8260B	**Percent Solids:**	73.4
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	7.2	2.9	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	7.2	2.9	ug/kg	
127-18-4	Tetrachloroethylene	ND	7.2	2.9	ug/kg	
108-88-3	Toluene	ND	7.2	2.9	ug/kg	
79-01-6	Trichloroethylene	ND	7.2	2.9	ug/kg	
75-69-4	Trichlorofluoromethane	ND	7.2	2.9	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	36	14	ug/kg	
75-01-4	Vinyl chloride	ND	7.2	2.9	ug/kg	
108-05-4	Vinyl Acetate	ND	36	14	ug/kg	
	m,p-Xylene	ND	14	3.6	ug/kg	
95-47-6	o-Xylene	ND	7.2	2.9	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		78-123%
2037-26-5	Toluene-D8	89%		71-137%
460-00-4	4-Bromofluorobenzene	92%		61-157%
17060-07-0	1,2-Dichloroethane-D4	94%		74-125%

(a) Sample was received in a bulk container and preserved within 48 hours of sampling.
(b) Suspected laboratory contaminant.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB015-67,89		
Lab Sample ID:	F35564-9	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	73.4
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F012060.D	1	10/18/05	NJ	10/12/05	OP14667	SF657
Run #2							

	Initial Weight	Final Volume
Run #1	30.4 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1100	450	ug/kg	
95-57-8	2-Chlorophenol	ND	220	45	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	220	45	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	220	45	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	220	45	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1100	450	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	450	90	ug/kg	
95-48-7	2-Methylphenol	ND	220	45	ug/kg	
	3&4-Methylphenol	ND	220	45	ug/kg	
88-75-5	2-Nitrophenol	ND	220	45	ug/kg	
100-02-7	4-Nitrophenol	ND	1100	450	ug/kg	
87-86-5	Pentachlorophenol	ND	1100	450	ug/kg	
108-95-2	Phenol	ND	220	45	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	220	45	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	220	45	ug/kg	
83-32-9	Acenaphthene	ND	220	45	ug/kg	
208-96-8	Acenaphthylene	ND	220	45	ug/kg	
120-12-7	Anthracene	ND	220	45	ug/kg	
92-87-5	Benzidine	ND	2200	1100	ug/kg	
56-55-3	Benzo(a)anthracene	ND	220	45	ug/kg	
50-32-8	Benzo(a)pyrene	ND	220	45	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	220	45	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	220	90	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	220	45	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	220	45	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	450	110	ug/kg	
100-51-6	Benzyl Alcohol	ND	220	45	ug/kg	
91-58-7	2-Chloronaphthalene	ND	220	45	ug/kg	
106-47-8	4-Chloroaniline	ND	450	180	ug/kg	
218-01-9	Chrysene	ND	220	45	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	220	45	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	220	90	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB015-67,89		
Lab Sample ID:	F35564-9	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	73.4
Project:	HOLMN		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	220	45	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	220	45	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	220	45	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	220	45	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	220	45	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	220	90	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	220	90	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	450	220	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	220	90	ug/kg	
132-64-9	Dibenzofuran	ND	220	45	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	450	110	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	450	220	ug/kg	
84-66-2	Diethyl phthalate	ND	450	110	ug/kg	
131-11-3	Dimethyl phthalate	ND	450	110	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	450	220	ug/kg	
206-44-0	Fluoranthene	ND	220	45	ug/kg	
86-73-7	Fluorene	ND	220	45	ug/kg	
118-74-1	Hexachlorobenzene	ND	220	45	ug/kg	
87-68-3	Hexachlorobutadiene	ND	220	90	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	220	90	ug/kg	
67-72-1	Hexachloroethane	ND	220	90	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	220	90	ug/kg	
78-59-1	Isophorone	ND	220	45	ug/kg	
91-57-6	2-Methylnaphthalene	ND	220	45	ug/kg	
88-74-4	2-Nitroaniline	ND	450	110	ug/kg	
99-09-2	3-Nitroaniline	ND	450	110	ug/kg	
100-01-6	4-Nitroaniline	ND	450	160	ug/kg	
91-20-3	Naphthalene	ND	220	45	ug/kg	
98-95-3	Nitrobenzene	ND	220	45	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	220	90	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	220	45	ug/kg	
85-01-8	Phenanthrene	ND	220	45	ug/kg	
129-00-0	Pyrene	ND	220	90	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	220	45	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	74%		45-114%
4165-62-2	Phenol-d5	69%		44-124%
118-79-6	2,4,6-Tribromophenol	74%		50-128%

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J = Indicates an estimated value
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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB015-67,89		
Lab Sample ID:	F35564-9	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	73.4
Project:	HOLMN		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	71%		41-123%
321-60-8	2-Fluorobiphenyl	72%		46-122%
1718-51-0	Terphenyl-d14	78%		45-135%

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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB015-67,89		
Lab Sample ID:	F35564-9	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8015	**Percent Solids:**	73.4
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	HH017160.D	1	10/19/05	AB	n/a	n/a	GHH780
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.06 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	8.5	4.3	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	87%		62-135%
98-08-8	aaa-Trifluorotoluene	95%		65-118%

(a) Sample was received in a bulk container and preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB015-67,89		
Lab Sample ID:	F35564-9	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	73.4
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	IJ26323.D	1	10/19/05	SD	10/12/05	OP14664	GIJ1245
Run #2							

	Initial Weight	Final Volume
Run #1	30.2 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	11	6.8	mg/kg	
	TPH (> C22-C36)	ND	11	6.8	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	67%		57-115%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB015-67,89-FD		
Lab Sample ID:	F35564-10	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8260B	**Percent Solids:**	72.9
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0035268.D	1	10/19/05	JG	10/08/05 11:20	n/a	VG1357
Run #2							

	Initial Weight
Run #1	5.13 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	67	33	ug/kg	
75-05-8	Acetonitrile	ND	67	27	ug/kg	
107-02-8	Acrolein	ND	33	17	ug/kg	
107-13-1	Acrylonitrile	ND	33	17	ug/kg	
107-05-1	Allyl chloride	ND	33	6.7	ug/kg	
71-43-2	Benzene	ND	6.7	2.7	ug/kg	
100-44-7	Benzyl Chloride	ND	6.7	3.3	ug/kg	
108-86-1	Bromobenzene	ND	6.7	2.7	ug/kg	
74-97-5	Bromochloromethane	ND	6.7	2.7	ug/kg	
75-27-4	Bromodichloromethane	ND	6.7	2.7	ug/kg	
75-25-2	Bromoform	ND	6.7	2.7	ug/kg	
104-51-8	n-Butylbenzene	ND	6.7	2.7	ug/kg	
135-98-8	sec-Butylbenzene	ND	6.7	2.7	ug/kg	
98-06-6	tert-Butylbenzene	ND	6.7	2.7	ug/kg	
108-90-7	Chlorobenzene	ND	6.7	2.7	ug/kg	
75-00-3	Chloroethane	ND	6.7	2.7	ug/kg	
67-66-3	Chloroform	ND	6.7	2.7	ug/kg	
544-10-5	1-Chlorohexane	ND	6.7	2.7	ug/kg	
95-49-8	o-Chlorotoluene	ND	6.7	2.7	ug/kg	
106-43-4	p-Chlorotoluene	ND	6.7	2.7	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	33	13	ug/kg	
75-15-0	Carbon disulfide	ND	6.7	2.7	ug/kg	
56-23-5	Carbon tetrachloride	ND	6.7	2.7	ug/kg	
75-34-3	1,1-Dichloroethane	ND	6.7	2.7	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	6.7	2.7	ug/kg	
563-58-6	1,1-Dichloropropene	ND	6.7	2.7	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	6.7	2.7	ug/kg	
106-93-4	1,2-Dibromoethane	ND	6.7	2.7	ug/kg	
107-06-2	1,2-Dichloroethane	ND	6.7	2.7	ug/kg	
78-87-5	1,2-Dichloropropane	ND	6.7	2.7	ug/kg	
142-28-9	1,3-Dichloropropane	ND	6.7	2.7	ug/kg	
594-20-7	2,2-Dichloropropane	ND	6.7	2.7	ug/kg	

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RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB015-67,89-FD		
Lab Sample ID:	F35564-10	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8260B	**Percent Solids:**	72.9
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	6.7	2.7	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.7	4.0	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	6.7	2.7	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	6.7	2.7	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	33		ug/kg	
541-73-1	m-Dichlorobenzene	ND	6.7	2.7	ug/kg	
95-50-1	o-Dichlorobenzene	ND	6.7	2.7	ug/kg	
106-46-7	p-Dichlorobenzene	ND	6.7	2.7	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	6.7	2.7	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	6.7	2.7	ug/kg	
100-41-4	Ethylbenzene	ND	6.7	2.7	ug/kg	
97-63-2	Ethyl methacrylate	ND	33	6.7	ug/kg	
76-13-1	Freon 113	ND	6.7	2.7	ug/kg	
591-78-6	2-Hexanone	ND	33	13	ug/kg	
87-68-3	Hexachlorobutadiene	ND	6.7	2.7	ug/kg	
110-54-3	Hexane	ND	6.7	2.7	ug/kg	
98-82-8	Isopropylbenzene	ND	6.7	2.7	ug/kg	
99-87-6	p-Isopropyltoluene	ND	6.7	2.7	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	33	13	ug/kg	
126-98-7	Methacrylonitrile	ND	33	13	ug/kg	
74-83-9	Methyl bromide	ND	6.7	2.7	ug/kg	
74-87-3	Methyl chloride	ND	6.7	2.7	ug/kg	
74-88-4	Methyl iodide	ND	13	2.7	ug/kg	
80-62-6	Methyl methacrylate	ND	33	6.7	ug/kg	
74-95-3	Methylene bromide	ND	6.7	2.7	ug/kg	
75-09-2	Methylene chloride [b]	18.8	13	6.7	ug/kg	
78-93-3	Methyl ethyl ketone	ND	33	13	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	6.7	2.7	ug/kg	
91-20-3	Naphthalene	ND	6.7	2.7	ug/kg	
76-01-7	Pentachloroethane	ND	33	6.7	ug/kg	
107-12-0	Propionitrile	ND	67	13	ug/kg	
103-65-1	n-Propylbenzene	ND	6.7	2.7	ug/kg	
100-42-5	Styrene	ND	6.7	2.7	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	6.7	2.7	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	6.7	2.7	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6.7	2.7	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	6.7	2.7	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.7	2.7	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	6.7	2.7	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.7	2.7	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB015-67,89-FD		
Lab Sample ID:	F35564-10	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8260B	**Percent Solids:**	72.9
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	6.7	2.7	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	6.7	2.7	ug/kg	
127-18-4	Tetrachloroethylene	ND	6.7	2.7	ug/kg	
108-88-3	Toluene	ND	6.7	2.7	ug/kg	
79-01-6	Trichloroethylene	ND	6.7	2.7	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.7	2.7	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	33	13	ug/kg	
75-01-4	Vinyl chloride	ND	6.7	2.7	ug/kg	
108-05-4	Vinyl Acetate	ND	33	13	ug/kg	
	m,p-Xylene	ND	13	3.3	ug/kg	
95-47-6	o-Xylene	ND	6.7	2.7	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		78-123%
2037-26-5	Toluene-D8	92%		71-137%
460-00-4	4-Bromofluorobenzene	89%		61-157%
17060-07-0	1,2-Dichloroethane-D4	90%		74-125%

(a) Sample was received in a bulk container and preserved within 48 hours of sampling.
(b) Suspected laboratory contaminant.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB015-67,89-FD		
Lab Sample ID:	F35564-10	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	72.9
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F012028.D	1	10/17/05	NJ	10/12/05	OP14667	SF656
Run #2							

	Initial Weight	Final Volume
Run #1	30.0 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1100	460	ug/kg	
95-57-8	2-Chlorophenol	ND	230	46	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	230	46	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	230	46	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	230	46	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1100	460	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	460	91	ug/kg	
95-48-7	2-Methylphenol	ND	230	46	ug/kg	
	3&4-Methylphenol	ND	230	46	ug/kg	
88-75-5	2-Nitrophenol	ND	230	46	ug/kg	
100-02-7	4-Nitrophenol	ND	1100	460	ug/kg	
87-86-5	Pentachlorophenol	ND	1100	460	ug/kg	
108-95-2	Phenol	ND	230	46	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	230	46	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	230	46	ug/kg	
83-32-9	Acenaphthene	ND	230	46	ug/kg	
208-96-8	Acenaphthylene	ND	230	46	ug/kg	
120-12-7	Anthracene	ND	230	46	ug/kg	
92-87-5	Benzidine	ND	2300	1100	ug/kg	
56-55-3	Benzo(a)anthracene	ND	230	46	ug/kg	
50-32-8	Benzo(a)pyrene	ND	230	46	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	230	46	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	230	91	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	230	46	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	230	46	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	460	110	ug/kg	
100-51-6	Benzyl Alcohol	ND	230	46	ug/kg	
91-58-7	2-Chloronaphthalene	ND	230	46	ug/kg	
106-47-8	4-Chloroaniline	ND	460	180	ug/kg	
218-01-9	Chrysene	ND	230	46	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	230	46	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	230	91	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB015-67,89-FD		
Lab Sample ID:	F35564-10	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	72.9
Project:	HOLMN		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	230	46	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	230	46	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	230	46	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	230	46	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	230	46	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	230	91	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	230	91	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	460	230	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	230	91	ug/kg	
132-64-9	Dibenzofuran	ND	230	46	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	460	110	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	460	230	ug/kg	
84-66-2	Diethyl phthalate	ND	460	110	ug/kg	
131-11-3	Dimethyl phthalate	ND	460	110	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	460	230	ug/kg	
206-44-0	Fluoranthene	ND	230	46	ug/kg	
86-73-7	Fluorene	ND	230	46	ug/kg	
118-74-1	Hexachlorobenzene	ND	230	46	ug/kg	
87-68-3	Hexachlorobutadiene	ND	230	91	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	230	91	ug/kg	
67-72-1	Hexachloroethane	ND	230	91	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	230	91	ug/kg	
78-59-1	Isophorone	ND	230	46	ug/kg	
91-57-6	2-Methylnaphthalene	ND	230	46	ug/kg	
88-74-4	2-Nitroaniline	ND	460	110	ug/kg	
99-09-2	3-Nitroaniline	ND	460	110	ug/kg	
100-01-6	4-Nitroaniline	ND	460	160	ug/kg	
91-20-3	Naphthalene	ND	230	46	ug/kg	
98-95-3	Nitrobenzene	ND	230	46	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	230	91	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	230	46	ug/kg	
85-01-8	Phenanthrene	ND	230	46	ug/kg	
129-00-0	Pyrene	ND	230	91	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	230	46	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	77%		45-114%
4165-62-2	Phenol-d5	71%		44-124%
118-79-6	2,4,6-Tribromophenol	75%		50-128%

ND = Not detected MDL - Method Detection Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB015-67,89-FD		
Lab Sample ID:	F35564-10	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	72.9
Project:	HOLMN		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	72%		41-123%
321-60-8	2-Fluorobiphenyl	77%		46-122%
1718-51-0	Terphenyl-d14	81%		45-135%

ND = Not detected MDL - Method Detection Limit
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E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB015-67,89-FD		
Lab Sample ID:	F35564-10	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8015	**Percent Solids:**	72.9
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	HH017161.D	1	10/19/05	AB	n/a	n/a	GHH780
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.09 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	8.6	4.3	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	89%		62-135%
98-08-8	aaa-Trifluorotoluene	94%		65-118%

(a) Sample was received in a bulk container and preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB015-67,89-FD		
Lab Sample ID:	F35564-10	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	72.9
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	IJ26324.D	1	10/19/05	SD	10/12/05	OP14664	GIJ1245
Run #2							

	Initial Weight	Final Volume
Run #1	30.9 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	11	6.7	mg/kg	
	TPH (> C22-C36)	ND	11	6.7	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	94%		57-115%

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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	F35564-11	**Date Sampled:**	10/06/05
Matrix:	AQ - Trip Blank Soil	**Date Received:**	10/08/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J018531.D	1	10/14/05	MM	n/a	n/a	VJ766
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	5.0	ug/l	
75-05-8	Acetonitrile	ND	20	10	ug/l	
107-02-8	Acrolein	ND	10	5.0	ug/l	
107-13-1	Acrylonitrile	ND	10	5.0	ug/l	
107-05-1	Allyl chloride	ND	10	5.0	ug/l	
71-43-2	Benzene	ND	1.0	0.50	ug/l	
100-44-7	Benzyl Chloride	ND	1.0	0.60	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.50	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.50	ug/l	
75-25-2	Bromoform	ND	1.0	0.50	ug/l	
104-51-8	n-Butylbenzene	ND	1.0	0.50	ug/l	
135-98-8	sec-Butylbenzene	ND	1.0	0.50	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
75-00-3	Chloroethane	ND	2.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
544-10-5	1-Chlorohexane	ND	2.0	1.0	ug/l	
95-49-8	o-Chlorotoluene	ND	1.0	0.50	ug/l	
106-43-4	p-Chlorotoluene	ND	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
75-15-0	Carbon disulfide	ND	2.0	1.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.50	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.50	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.50	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	F35564-11	**Date Sampled:**	10/06/05
Matrix:	AQ - Trip Blank Soil	**Date Received:**	10/08/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	10		ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
97-63-2	Ethyl methacrylate	ND	5.0	2.0	ug/l	
76-13-1	Freon 113	ND	1.0	0.60	ug/l	
591-78-6	2-Hexanone	ND	5.0	2.5	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.50	ug/l	
110-54-3	Hexane	ND	2.0	1.0	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.50	ug/l	
99-87-6	p-Isopropyltoluene	ND	1.0	0.50	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	5.0	2.5	ug/l	
126-98-7	Methacrylonitrile	ND	20	10	ug/l	
74-83-9	Methyl bromide	ND	2.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	2.0	1.0	ug/l	
74-88-4	Methyl iodide	ND	5.0	2.5	ug/l	
80-62-6	Methyl methacrylate	ND	5.0	2.5	ug/l	
74-95-3	Methylene bromide	ND	2.0	0.50	ug/l	
75-09-2	Methylene chloride	ND	5.0	1.0	ug/l	
78-93-3	Methyl ethyl ketone	ND	5.0	2.5	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
91-20-3	Naphthalene	ND	2.0	1.0	ug/l	
76-01-7	Pentachloroethane	ND	10	5.0	ug/l	
107-12-0	Propionitrile	ND	20	10	ug/l	
103-65-1	n-Propylbenzene	ND	1.0	0.50	ug/l	
100-42-5	Styrene	ND	1.0	0.50	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.40	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.50	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	F35564-11	**Date Sampled:**	10/06/05
Matrix:	AQ - Trip Blank Soil	**Date Received:**	10/08/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.50	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.50	ug/l	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	10	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.50	ug/l	
108-05-4	Vinyl Acetate	ND	10	5.0	ug/l	
	m,p-Xylene	ND	2.0	0.50	ug/l	
95-47-6	o-Xylene	ND	1.0	0.50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		86-115%
17060-07-0	1,2-Dichloroethane-D4	119%		73-126%
2037-26-5	Toluene-D8	98%		86-112%
460-00-4	4-Bromofluorobenzene	114%		83-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
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N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

F35564

BHATE

Environmental Engineers and Scientists

Chain of Custody and Analytical Request

Page 1 of 2

Project Number: 9040238.11

P.O. NA

Chain of Custody Number [1]: 100720051

LIMS Number: NA

Facility/Base I.D.: HOLMN

Project Name / Site Name: West POL

Client Name: USACE

Collected by: K. Germann

Sample Analysis Requested [5]: Quality Assurance Samples [6]

	Field Sample ID (50 Characters Max)	ER PIMS 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+Hexane	SVOCs 8270	8015B Carbon Chain						MATRIX DESCRIPTION	Cooler ID
1	WPOL-SB013-4,19	WPOL	6-Oct-05	10:00	4"	19"	N	1	SO	2	X	X	X						Investigative Soil Boring	2
2	WPOL-SB013-28,35	WPOL	6-Oct-05	10:10	28"	35"	N	1	SO	2	X	X	X						Investigative Soil Boring	2
3	WPOL-SB013-60,68	WPOL	6-Oct-05	10:20	60"	68"	N	1	SO	2	X	X	X						Investigative Soil Boring	2
4	WPOL-SB014-4,11	WPOL	6-Oct-05	10:30	4"	11"	N	1	SO	2	X	X	X						Investigative Soil Boring	2
5	WPOL-SB014-33,39	WPOL	6-Oct-05	10:40	33"	39"	N	1	SO	2	X	X	X						Investigative Soil Boring	2
6	WPOL-SB014-57,66	WPOL	6-Oct-05	10:50	57"	66"	N	1	SO	2	X	X	X						Investigative Soil Boring	2
7	WPOL-SB015-4,13	WPOL	6-Oct-05	11:00	4"	13"	N	1	SO	2	X	X	X						Investigative Soil Boring	2
4	WPOL-SB015-21,41	WPOL	6-Oct-05	11:10	21"	41"	N	1	SO	2	X	X	X						Investigative Soil Boring	2
9	WPOL-SB015-67,89	WPOL	6-Oct-05	11:20	67"	89"	N	1	SO	2	X	X	X						Investigative Soil Boring	2
10	WPOL-SB015-67,89-FD	WPOL	6-Oct-05	11:20	67"	89"	FD	1	SO	2	X	X	X						Investigative Soil Boring	2

Accutest Laboratories
4405 Vineland Road suite C-15
Orlando, FL 32811
Fax analytical results to: 505-679-2148

Email results to: rrenvironmental@zianet.com, dmeder@bhate.com, mdauben@bhate.com, keving@zianet.com

Custody Transfers Prior to Receipt by Laboratory

	Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1.	KG	10/07/2005 @ 1600		1. FX		
2.	FX			2. [illegible] Brown	10-8-05	9:00
3.				3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab: Shipped No.:

Method of Shipment: Fed Ex Airbill Number: 849314272252

Analytical Lab: Accutest Delivery Location: Orlando, FL

Lab Recipient: Delivery Date/Time: 2.0

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, SB = 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

4.1

4

F35564: Chain of Custody
Page 1 of 2

ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: F35564 CLIENT: BHate PROJECT: West ROL

DATE/TIME RECEIVED: 10-6-05/9:00 # OF COOLERS RECEIVED: 1 COOLER TEMPS: 2.0

METHOD OF DELIVERY: (FEDEX) UPS ACCUTEST COURIER GREYHOUND DELIVERY OTHER

AIRBILL NUMBERS: 8493-1427-2252

COOLER INFORMATION

- [ ] CUSTODY SEAL NOT PRESENT OR NOT INTACT
- [ ] NO COC RECEIVED
- [ ] ANALYSIS REQUESTED IS UNCLEAR OR MISSING
- [ ] SAMPLE DATES OR TIMES UNCLEAR OR MISSING
- [ ] TEMPERATURE CRITERIA NOT MET

TRIP BLANK INFORMATION

- [ ] TRIP BLANK NOT PROVIDED
- [X] TRIP BLANK NOT ON COC
- [X] TRIP BLANK INTACT
- [ ] TRIP BLANK NOT INTACT
- [X] RECEIVED WATER TRIP BLANK
- [ ] RECEIVED SOIL TRIP BLANK

SAMPLE INFORMATION

- [ ] SAMPLE LABELS PRESENT ON ALL BOTTLES
- [ ] CORRECT NUMBER OF CONTAINERS USED
- [ ] SAMPLE RECEIVED IMPROPERLY PRESERVED
- [ ] INSUFFICIENT VOLUME FOR ANALYSIS
- [ ] TIMES ON COC DON'T MATCH LABEL
- [ ] ID'S ON COC DON'T MATCH LABEL
- [ ] 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(S) RECEIVED BROKEN
- [ ] % SOLIDS JAR NOT RECEIVED

SOIL INFORMATION

NUMBER OF ENCORES ? Ø

NUMBER OF 5035 FIELD KITS ? Ø

SUMMARY OF COMMENTS: Recieved T.B. not on COC. Recieved water T.B. with Soils. Recieved one coc that say 1 of 2 But no other cooler was found.

TECHNICIAN SIGNATURE/DATE Steven Bauer/10-6-05 TECHNICIAN SIGNATURE/DATE

ASBD06/22/05

4.1

4

F35564: Chain of Custody
Page 2 of 2

Southeast ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

07/07/08

Technical Report for

Bhate Environmental Associates, Inc.

HOLMN

9040238.11.01

Accutest Job Number: F35566

Sampling Date: 10/06/05

Report to:

Bhate Environmental Associates, Inc.

zbeck@bhate.com

ATTN: Zack Beck

Total number of pages in report: **109**

ACCREDITED IN ACCORDANCE WITH nelac

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 (DOH E83510), NC (573), NJ (FL002), MA (FL946), IA (366), LA (03051), KS (E-10327), SC, AK

This report shall not be reproduced, except in its entirety, without the written approval of Accutest Laboratories.

Test results relate only to samples analyzed.

ACCUTEST LABORATORIES 50 YEARS 1956-2006

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Sample Summary

Bhate Environmental Associates, Inc.

Job No: F35566

HOLMN
Project No: 9040238.11.01

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
F35566-1	10/06/05	08:00	KG	10/08/05	SO	Soil	WPOL-SB09-4,16
F35566-2	10/06/05	08:10	KG	10/08/05	SO	Soil	WPOL-SB09-34,43
F35566-3	10/06/05	08:20	KG	10/08/05	SO	Soil	WPOL-SB09-63,71
F35566-4	10/06/05	08:30	KG	10/08/05	SO	Soil	WPOL-SB10-30,34
F35566-5	10/06/05	08:40	KG	10/08/05	SO	Soil	WPOL-SB10-56,62
F35566-6	10/06/05	08:50	KG	10/08/05	SO	Soil	WPOL-SB10-93,104
F35566-7	10/06/05	09:00	KG	10/08/05	SO	Soil	WPOL-SB11-0,6
F35566-8	10/06/05	09:10	KG	10/08/05	SO	Soil	WPOL-SB11-33,37
F35566-9	10/06/05	09:20	KG	10/08/05	SO	Soil	WPOL-SB11-54,80
F35566-10	10/06/05	09:30	KG	10/08/05	SO	Soil	WPOL-SB12-4,11
F35566-11	10/06/05	09:40	KG	10/08/05	SO	Soil	WPOL-SB12-32,41
F35566-12	10/06/05	09:50	KG	10/08/05	SO	Soil	WPOL-SB12-61,69
F35566-13	10/06/05	00:00	KG	10/08/05	AQ	Trip Blank Soil	TRIP BLANK

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:** F35566

Site: HOLMN **Report Date** 10/24/2005 11:50:33

12 Samples and 1 Trip Blank were collected on 10/06/2005 and received at Accutest on 10/08/2005 properly preserved, at 2.6 Deg. C and intact. These Samples received an Accutest job number of F35566. 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.

Volatiles by GCMS By Method SW846 8260B

Matrix: AQ **Batch ID:** VJ766

Sample(s) F35491-2MS, F35491-2MSD, F35491-2MSMSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

Blank Spike Recovery(s) for 2-Chloroethyl vinyl ether, Acetone, Methyl bromide, Trans-1,4-Dichloro-2-Butene are outside control limits. Recoveries are biased high, analytes not detected in the samples, data integrity not affected.

MS/MSD Recovery(s) for 2-Chloroethyl vinyl ether, Methyl bromide are outside control limits. 2-CEVE affected by preservation, MeBr biased high.

Sample(s) F35566-3 have surrogates outside control limits. Probable cause due to matrix interference.

Matrix: SO **Batch ID:** VG1357

Sample(s) F35540-2MS, F35540-2MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

Sample(s) F35566-2 have compound(s) reported with a “B” qualifier, indicating analyte is found in the associated method blank.

Blank Spike Recovery(s) for Acrolein are outside control limits. Biased high, analyte not detected in the samples, data integrity not affected.

F35566-4: Sample was received in a bulk container but was not preserved within 48 hours of sampling.

F35566-2: Sample was received in a bulk container but was not preserved within 48 hours of sampling.

F35566-6: Sample was received in a bulk container but was not preserved within 48 hours of sampling.

F35566-5: Sample was received in a bulk container but was not preserved within 48 hours of sampling.

F35566-2 for Methylene chloride: Suspected laboratory contaminant.

F35566-4 for Methylene chloride: Suspected laboratory contaminant.

F35566-5 for Methylene chloride: Suspected laboratory contaminant.

F35566-6 for Methylene chloride: Suspected laboratory contaminant.

Matrix: SO **Batch ID:** VG1358

Sample(s) F35566-1MS, F35566-1MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

BS, MS/MSD Recovery(s) for Acrolein are outside control limits. Recoveries are biased high, analyte not detected in the sample, data integrity not affected.

F35566-11: Sample was received in a bulk container but was not preserved within 48 hours of sampling.

F35566-10: Sample was received in a bulk container but was not preserved within 48 hours of sampling.

F35566-1: Sample was received in a bulk container but was not preserved within 48 hours of sampling.

F35566-9: Sample was received in a bulk container but was not preserved within 48 hours of sampling.

F35566-8: Sample was received in a bulk container but was not preserved within 48 hours of sampling.

Volatiles by GCMS By Method SW846 8260B

Matrix: SO **Batch ID:** VG1358

F35566-12: Sample was received in a bulk container but was not preserved within 48 hours of sampling.

F35566-7: Sample was received in a bulk container but was not preserved within 48 hours of sampling.

F35566-3: Sample was received in a bulk container but was not preserved within 48 hours of sampling.

Extractables by GCMS By Method SW846 8270C

Matrix: SO **Batch ID:** OP14653

All samples were extracted within the recommended method holding time.

Sample(s) F35566-1MS, F35566-1MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

Volatiles by GC By Method SW846 8015

Matrix: SO **Batch ID:** GHH780

Sample(s) F35540-21DUP were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

Sample(s) F35566-3 have surrogates outside control limits. Probable cause due to matrix interference.

F35566-7: Sample was received in a bulk container but was not preserved within 48 hours of sampling.

F35566-6: Sample was received in a bulk container but was not preserved within 48 hours of sampling.

F35566-4: Sample was received in a bulk container but was not preserved within 48 hours of sampling.

F35566-2: Sample was received in a bulk container but was not preserved within 48 hours of sampling.

F35566-3: Sample was received in a bulk container but was not preserved within 48 hours of sampling.

F35566-5: Sample was received in a bulk container but was not preserved within 48 hours of sampling.

F35566-1: Sample was received in a bulk container but was not preserved within 48 hours of sampling.

F35566-3 for 4-Bromofluorobenzene: Result reported from PID.

F35566-3 for 4-Bromofluorobenzene: Outside control limits due to matrix interference.

Matrix: SO **Batch ID:** GHH781

Sample(s) F35566-8MS, F35566-8MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

Sample(s) F35566-3 have surrogates outside control limits. Probable cause due to matrix interference.

F35566-10: Sample was received in a bulk container but was not preserved within 48 hours of sampling.

F35566-12: Sample was received in a bulk container but was not preserved within 48 hours of sampling.

F35566-8: Sample was received in a bulk container but was not preserved within 48 hours of sampling.

F35566-11: Sample was received in a bulk container but was not preserved within 48 hours of sampling.

F35566-9: Sample was received in a bulk container but was not preserved within 48 hours of sampling.

Extractables by GC By Method SW846 8015 M

Matrix: SO **Batch ID:** OP14652

All samples were extracted within the recommended method holding time.

Sample(s) F35566-1MS, F35566-1MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

Wet Chemistry By Method EPA 160.3 M

Matrix: SO **Batch ID:** GN18575

Sample(s) F35564-6DUP were used as the QC samples for Solids, 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 QualityObjectives 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: October 24, 2005

Svetlana Izosimova, QAO (signature on file)

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	WPOL-SB09-4,16		
Lab Sample ID:	F35566-1	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8260B	**Percent Solids:**	74.8
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0035289.D	1	10/20/05	RAW	n/a	n/a	VG1358
Run #2							

	Initial Weight
Run #1	5.02 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	67	33	ug/kg	
75-05-8	Acetonitrile	ND	67	27	ug/kg	
107-02-8	Acrolein	ND	33	17	ug/kg	
107-13-1	Acrylonitrile	ND	33	17	ug/kg	
107-05-1	Allyl chloride	ND	33	6.7	ug/kg	
71-43-2	Benzene	ND	6.7	2.7	ug/kg	
100-44-7	Benzyl Chloride	ND	6.7	3.3	ug/kg	
108-86-1	Bromobenzene	ND	6.7	2.7	ug/kg	
74-97-5	Bromochloromethane	ND	6.7	2.7	ug/kg	
75-27-4	Bromodichloromethane	ND	6.7	2.7	ug/kg	
75-25-2	Bromoform	ND	6.7	2.7	ug/kg	
104-51-8	n-Butylbenzene	ND	6.7	2.7	ug/kg	
135-98-8	sec-Butylbenzene	ND	6.7	2.7	ug/kg	
98-06-6	tert-Butylbenzene	ND	6.7	2.7	ug/kg	
108-90-7	Chlorobenzene	ND	6.7	2.7	ug/kg	
75-00-3	Chloroethane	ND	6.7	2.7	ug/kg	
67-66-3	Chloroform	ND	6.7	2.7	ug/kg	
544-10-5	1-Chlorohexane	ND	6.7	2.7	ug/kg	
95-49-8	o-Chlorotoluene	ND	6.7	2.7	ug/kg	
106-43-4	p-Chlorotoluene	ND	6.7	2.7	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	33	13	ug/kg	
75-15-0	Carbon disulfide	ND	6.7	2.7	ug/kg	
56-23-5	Carbon tetrachloride	ND	6.7	2.7	ug/kg	
75-34-3	1,1-Dichloroethane	ND	6.7	2.7	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	6.7	2.7	ug/kg	
563-58-6	1,1-Dichloropropene	ND	6.7	2.7	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	6.7	2.7	ug/kg	
106-93-4	1,2-Dibromoethane	ND	6.7	2.7	ug/kg	
107-06-2	1,2-Dichloroethane	ND	6.7	2.7	ug/kg	
78-87-5	1,2-Dichloropropane	ND	6.7	2.7	ug/kg	
142-28-9	1,3-Dichloropropane	ND	6.7	2.7	ug/kg	
594-20-7	2,2-Dichloropropane	ND	6.7	2.7	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB09-4,16		
Lab Sample ID:	F35566-1	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8260B	**Percent Solids:**	74.8
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	6.7	2.7	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.7	4.0	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	6.7	2.7	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	6.7	2.7	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	33		ug/kg	
541-73-1	m-Dichlorobenzene	ND	6.7	2.7	ug/kg	
95-50-1	o-Dichlorobenzene	ND	6.7	2.7	ug/kg	
106-46-7	p-Dichlorobenzene	ND	6.7	2.7	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	6.7	2.7	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	6.7	2.7	ug/kg	
100-41-4	Ethylbenzene	ND	6.7	2.7	ug/kg	
97-63-2	Ethyl methacrylate	ND	33	6.7	ug/kg	
76-13-1	Freon 113	ND	6.7	2.7	ug/kg	
591-78-6	2-Hexanone	ND	33	13	ug/kg	
87-68-3	Hexachlorobutadiene	ND	6.7	2.7	ug/kg	
110-54-3	Hexane	ND	6.7	2.7	ug/kg	
98-82-8	Isopropylbenzene	ND	6.7	2.7	ug/kg	
99-87-6	p-Isopropyltoluene	ND	6.7	2.7	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	33	13	ug/kg	
126-98-7	Methacrylonitrile	ND	33	13	ug/kg	
74-83-9	Methyl bromide	ND	6.7	2.7	ug/kg	
74-87-3	Methyl chloride	ND	6.7	2.7	ug/kg	
74-88-4	Methyl iodide	ND	13	2.7	ug/kg	
80-62-6	Methyl methacrylate	ND	33	6.7	ug/kg	
74-95-3	Methylene bromide	ND	6.7	2.7	ug/kg	
75-09-2	Methylene chloride	23.8	13	6.7	ug/kg	
78-93-3	Methyl ethyl ketone	ND	33	13	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	6.7	2.7	ug/kg	
91-20-3	Naphthalene	ND	6.7	2.7	ug/kg	
76-01-7	Pentachloroethane	ND	33	6.7	ug/kg	
107-12-0	Propionitrile	ND	67	13	ug/kg	
103-65-1	n-Propylbenzene	ND	6.7	2.7	ug/kg	
100-42-5	Styrene	ND	6.7	2.7	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	6.7	2.7	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	6.7	2.7	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6.7	2.7	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	6.7	2.7	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.7	2.7	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	6.7	2.7	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.7	2.7	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB09-4,16		
Lab Sample ID:	F35566-1	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8260B	**Percent Solids:**	74.8
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	6.7	2.7	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	6.7	2.7	ug/kg	
127-18-4	Tetrachloroethylene	ND	6.7	2.7	ug/kg	
108-88-3	Toluene	ND	6.7	2.7	ug/kg	
79-01-6	Trichloroethylene	ND	6.7	2.7	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.7	2.7	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	33	13	ug/kg	
75-01-4	Vinyl chloride	ND	6.7	2.7	ug/kg	
108-05-4	Vinyl Acetate	ND	33	13	ug/kg	
	m,p-Xylene	ND	13	3.3	ug/kg	
95-47-6	o-Xylene	ND	6.7	2.7	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		78-123%
2037-26-5	Toluene-D8	93%		71-137%
460-00-4	4-Bromofluorobenzene	87%		61-157%
17060-07-0	1,2-Dichloroethane-D4	85%		74-125%

(a) Sample was received in a bulk container but was not preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB09-4,16		
Lab Sample ID:	F35566-1	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	74.8
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L028130.D	1	10/12/05	NJ	10/11/05	OP14653	SL1474
Run #2							

	Initial Weight	Final Volume
Run #1	30.9 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1100	430	ug/kg	
95-57-8	2-Chlorophenol	ND	220	43	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	220	43	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	220	43	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	220	43	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1100	430	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	430	87	ug/kg	
95-48-7	2-Methylphenol	ND	220	43	ug/kg	
	3&4-Methylphenol	ND	220	43	ug/kg	
88-75-5	2-Nitrophenol	ND	220	43	ug/kg	
100-02-7	4-Nitrophenol	ND	1100	430	ug/kg	
87-86-5	Pentachlorophenol	ND	1100	430	ug/kg	
108-95-2	Phenol	ND	220	43	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	220	43	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	220	43	ug/kg	
83-32-9	Acenaphthene	ND	220	43	ug/kg	
208-96-8	Acenaphthylene	ND	220	43	ug/kg	
120-12-7	Anthracene	ND	220	43	ug/kg	
92-87-5	Benzidine	ND	2200	1100	ug/kg	
56-55-3	Benzo(a)anthracene	ND	220	43	ug/kg	
50-32-8	Benzo(a)pyrene	ND	220	43	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	220	43	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	220	87	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	220	43	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	220	43	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	430	110	ug/kg	
100-51-6	Benzyl Alcohol	ND	220	43	ug/kg	
91-58-7	2-Chloronaphthalene	ND	220	43	ug/kg	
106-47-8	4-Chloroaniline	ND	430	170	ug/kg	
218-01-9	Chrysene	ND	220	43	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	220	43	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	220	87	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB09-4,16		
Lab Sample ID:	F35566-1	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	74.8
Project:	HOLMN		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	220	43	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	220	43	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	220	43	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	220	43	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	220	43	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	220	87	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	220	87	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	430	220	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	220	87	ug/kg	
132-64-9	Dibenzofuran	ND	220	43	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	430	110	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	430	220	ug/kg	
84-66-2	Diethyl phthalate	ND	430	110	ug/kg	
131-11-3	Dimethyl phthalate	ND	430	110	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	430	220	ug/kg	
206-44-0	Fluoranthene	ND	220	43	ug/kg	
86-73-7	Fluorene	ND	220	43	ug/kg	
118-74-1	Hexachlorobenzene	ND	220	43	ug/kg	
87-68-3	Hexachlorobutadiene	ND	220	87	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	220	87	ug/kg	
67-72-1	Hexachloroethane	ND	220	87	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	220	87	ug/kg	
78-59-1	Isophorone	ND	220	43	ug/kg	
91-57-6	2-Methylnaphthalene	ND	220	43	ug/kg	
88-74-4	2-Nitroaniline	ND	430	110	ug/kg	
99-09-2	3-Nitroaniline	ND	430	110	ug/kg	
100-01-6	4-Nitroaniline	ND	430	150	ug/kg	
91-20-3	Naphthalene	ND	220	43	ug/kg	
98-95-3	Nitrobenzene	ND	220	43	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	220	87	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	220	43	ug/kg	
85-01-8	Phenanthrene	ND	220	43	ug/kg	
129-00-0	Pyrene	ND	220	87	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	220	43	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	73%		45-114%
4165-62-2	Phenol-d5	71%		44-124%
118-79-6	2,4,6-Tribromophenol	82%		50-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB09-4,16		
Lab Sample ID:	F35566-1	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	74.8
Project:	HOLMN		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	71%		41-123%
321-60-8	2-Fluorobiphenyl	78%		46-122%
1718-51-0	Terphenyl-d14	76%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB09-4,16		
Lab Sample ID:	F35566-1	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8015	**Percent Solids:**	74.8
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	HH017162.D	1	10/19/05	AB	n/a	n/a	GHH780
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	4.97 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	8.4	4.2	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	89%		62-135%
98-08-8	aaa-Trifluorotoluene	94%		65-118%

(a) Sample was received in a bulk container but was not preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB09-4,16		
Lab Sample ID:	F35566-1	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	74.8
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	IJ26330.D	1	10/19/05	SD	10/11/05	OP14652	GIJ1245
Run #2	LL06053.D	1	10/12/05	SD	10/11/05	OP14652	GLL240

	Initial Weight	Final Volume
Run #1	30.4 g	1.0 ml
Run #2	30.4 g	1.0 ml

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	11	6.6	mg/kg	
	TPH (> C22-C36)	ND	11	6.6	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	76%	86%	57-115%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB09-34,43		
Lab Sample ID:	F35566-2	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8260B	**Percent Solids:**	75.7
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0035278.D	1	10/19/05	JG	n/a	n/a	VG1357
Run #2							

	Initial Weight
Run #1	7.13 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	46	23	ug/kg	
75-05-8	Acetonitrile	ND	46	19	ug/kg	
107-02-8	Acrolein	ND	23	12	ug/kg	
107-13-1	Acrylonitrile	ND	23	12	ug/kg	
107-05-1	Allyl chloride	ND	23	4.6	ug/kg	
71-43-2	Benzene	ND	4.6	1.9	ug/kg	
100-44-7	Benzyl Chloride	ND	4.6	2.3	ug/kg	
108-86-1	Bromobenzene	ND	4.6	1.9	ug/kg	
74-97-5	Bromochloromethane	ND	4.6	1.9	ug/kg	
75-27-4	Bromodichloromethane	ND	4.6	1.9	ug/kg	
75-25-2	Bromoform	ND	4.6	1.9	ug/kg	
104-51-8	n-Butylbenzene	ND	4.6	1.9	ug/kg	
135-98-8	sec-Butylbenzene	ND	4.6	1.9	ug/kg	
98-06-6	tert-Butylbenzene	ND	4.6	1.9	ug/kg	
108-90-7	Chlorobenzene	ND	4.6	1.9	ug/kg	
75-00-3	Chloroethane	ND	4.6	1.9	ug/kg	
67-66-3	Chloroform	ND	4.6	1.9	ug/kg	
544-10-5	1-Chlorohexane	ND	4.6	1.9	ug/kg	
95-49-8	o-Chlorotoluene	ND	4.6	1.9	ug/kg	
106-43-4	p-Chlorotoluene	ND	4.6	1.9	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	23	9.3	ug/kg	
75-15-0	Carbon disulfide	ND	4.6	1.9	ug/kg	
56-23-5	Carbon tetrachloride	ND	4.6	1.9	ug/kg	
75-34-3	1,1-Dichloroethane	ND	4.6	1.9	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	4.6	1.9	ug/kg	
563-58-6	1,1-Dichloropropene	ND	4.6	1.9	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	4.6	1.9	ug/kg	
106-93-4	1,2-Dibromoethane	ND	4.6	1.9	ug/kg	
107-06-2	1,2-Dichloroethane	ND	4.6	1.9	ug/kg	
78-87-5	1,2-Dichloropropane	ND	4.6	1.9	ug/kg	
142-28-9	1,3-Dichloropropane	ND	4.6	1.9	ug/kg	
594-20-7	2,2-Dichloropropane	ND	4.6	1.9	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB09-34,43		
Lab Sample ID:	F35566-2	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8260B	**Percent Solids:**	75.7
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	4.6	1.9	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	4.6	2.8	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	4.6	1.9	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	4.6	1.9	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	23		ug/kg	
541-73-1	m-Dichlorobenzene	ND	4.6	1.9	ug/kg	
95-50-1	o-Dichlorobenzene	ND	4.6	1.9	ug/kg	
106-46-7	p-Dichlorobenzene	ND	4.6	1.9	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	4.6	1.9	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	4.6	1.9	ug/kg	
100-41-4	Ethylbenzene	ND	4.6	1.9	ug/kg	
97-63-2	Ethyl methacrylate	ND	23	4.6	ug/kg	
76-13-1	Freon 113	ND	4.6	1.9	ug/kg	
591-78-6	2-Hexanone	ND	23	9.3	ug/kg	
87-68-3	Hexachlorobutadiene	ND	4.6	1.9	ug/kg	
110-54-3	Hexane	ND	4.6	1.9	ug/kg	
98-82-8	Isopropylbenzene	ND	4.6	1.9	ug/kg	
99-87-6	p-Isopropyltoluene	ND	4.6	1.9	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	23	9.3	ug/kg	
126-98-7	Methacrylonitrile	ND	23	9.3	ug/kg	
74-83-9	Methyl bromide	ND	4.6	1.9	ug/kg	
74-87-3	Methyl chloride	ND	4.6	1.9	ug/kg	
74-88-4	Methyl iodide	ND	9.3	1.9	ug/kg	
80-62-6	Methyl methacrylate	ND	23	4.6	ug/kg	
74-95-3	Methylene bromide	ND	4.6	1.9	ug/kg	
75-09-2	Methylene chloride [b]	12.2	9.3	4.6	ug/kg	
78-93-3	Methyl ethyl ketone	ND	23	9.3	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	4.6	1.9	ug/kg	
91-20-3	Naphthalene	2.3	4.6	1.9	ug/kg	JB
76-01-7	Pentachloroethane	ND	23	4.6	ug/kg	
107-12-0	Propionitrile	ND	46	9.3	ug/kg	
103-65-1	n-Propylbenzene	ND	4.6	1.9	ug/kg	
100-42-5	Styrene	ND	4.6	1.9	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	4.6	1.9	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	4.6	1.9	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	4.6	1.9	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	4.6	1.9	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	4.6	1.9	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	4.6	1.9	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	4.6	1.9	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB09-34,43		
Lab Sample ID:	F35566-2	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8260B	**Percent Solids:**	75.7
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	4.6	1.9	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	4.6	1.9	ug/kg	
127-18-4	Tetrachloroethylene	ND	4.6	1.9	ug/kg	
108-88-3	Toluene	ND	4.6	1.9	ug/kg	
79-01-6	Trichloroethylene	ND	4.6	1.9	ug/kg	
75-69-4	Trichlorofluoromethane	ND	4.6	1.9	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	23	9.3	ug/kg	
75-01-4	Vinyl chloride	ND	4.6	1.9	ug/kg	
108-05-4	Vinyl Acetate	ND	23	9.3	ug/kg	
	m,p-Xylene	ND	9.3	2.3	ug/kg	
95-47-6	o-Xylene	ND	4.6	1.9	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		78-123%
2037-26-5	Toluene-D8	93%		71-137%
460-00-4	4-Bromofluorobenzene	87%		61-157%
17060-07-0	1,2-Dichloroethane-D4	90%		74-125%

(a) Sample was received in a bulk container but was not preserved within 48 hours of sampling.
(b) Suspected laboratory contaminant.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB09-34,43		
Lab Sample ID:	F35566-2	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	75.7
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L028141.D	1	10/12/05	NJ	10/11/05	OP14653	SL1474
Run #2							

	Initial Weight	Final Volume
Run #1	30.3 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1100	440	ug/kg	
95-57-8	2-Chlorophenol	ND	220	44	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	220	44	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	220	44	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	220	44	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1100	440	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	440	87	ug/kg	
95-48-7	2-Methylphenol	ND	220	44	ug/kg	
	3&4-Methylphenol	ND	220	44	ug/kg	
88-75-5	2-Nitrophenol	ND	220	44	ug/kg	
100-02-7	4-Nitrophenol	ND	1100	440	ug/kg	
87-86-5	Pentachlorophenol	ND	1100	440	ug/kg	
108-95-2	Phenol	ND	220	44	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	220	44	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	220	44	ug/kg	
83-32-9	Acenaphthene	ND	220	44	ug/kg	
208-96-8	Acenaphthylene	ND	220	44	ug/kg	
120-12-7	Anthracene	ND	220	44	ug/kg	
92-87-5	Benzidine	ND	2200	1100	ug/kg	
56-55-3	Benzo(a)anthracene	ND	220	44	ug/kg	
50-32-8	Benzo(a)pyrene	ND	220	44	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	220	44	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	220	87	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	220	44	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	220	44	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	440	110	ug/kg	
100-51-6	Benzyl Alcohol	ND	220	44	ug/kg	
91-58-7	2-Chloronaphthalene	ND	220	44	ug/kg	
106-47-8	4-Chloroaniline	ND	440	170	ug/kg	
218-01-9	Chrysene	ND	220	44	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	220	44	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	220	87	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB09-34,43		
Lab Sample ID:	F35566-2	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	75.7
Project:	HOLMN		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	220	44	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	220	44	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	220	44	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	220	44	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	220	44	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	220	87	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	220	87	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	440	220	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	220	87	ug/kg	
132-64-9	Dibenzofuran	ND	220	44	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	440	110	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	440	220	ug/kg	
84-66-2	Diethyl phthalate	ND	440	110	ug/kg	
131-11-3	Dimethyl phthalate	ND	440	110	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	440	220	ug/kg	
206-44-0	Fluoranthene	ND	220	44	ug/kg	
86-73-7	Fluorene	ND	220	44	ug/kg	
118-74-1	Hexachlorobenzene	ND	220	44	ug/kg	
87-68-3	Hexachlorobutadiene	ND	220	87	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	220	87	ug/kg	
67-72-1	Hexachloroethane	ND	220	87	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	220	87	ug/kg	
78-59-1	Isophorone	ND	220	44	ug/kg	
91-57-6	2-Methylnaphthalene	ND	220	44	ug/kg	
88-74-4	2-Nitroaniline	ND	440	110	ug/kg	
99-09-2	3-Nitroaniline	ND	440	110	ug/kg	
100-01-6	4-Nitroaniline	ND	440	150	ug/kg	
91-20-3	Naphthalene	ND	220	44	ug/kg	
98-95-3	Nitrobenzene	ND	220	44	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	220	87	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	220	44	ug/kg	
85-01-8	Phenanthrene	ND	220	44	ug/kg	
129-00-0	Pyrene	ND	220	87	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	220	44	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	75%		45-114%
4165-62-2	Phenol-d5	74%		44-124%
118-79-6	2,4,6-Tribromophenol	80%		50-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB09-34,43		
Lab Sample ID:	F35566-2	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	75.7
Project:	HOLMN		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	70%		41-123%
321-60-8	2-Fluorobiphenyl	73%		46-122%
1718-51-0	Terphenyl-d14	78%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB09-34,43		
Lab Sample ID:	F35566-2	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8015	**Percent Solids:**	75.7
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	HH017163.D	1	10/19/05	AB	n/a	n/a	GHH780
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	4.86 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	8.4	4.2	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	87%		62-135%
98-08-8	aaa-Trifluorotoluene	94%		65-118%

(a) Sample was received in a bulk container but was not preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB09-34,43		
Lab Sample ID:	F35566-2	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	75.7
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	IJ26333.D	1	10/19/05	SD	10/11/05	OP14652	GIJ1245
Run #2							

	Initial Weight	Final Volume
Run #1	30.5 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	11	6.5	mg/kg	
	TPH (> C22-C36)	ND	11	6.5	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	79%		57-115%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB09-63,71		
Lab Sample ID:	F35566-3	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8260B	**Percent Solids:**	74.1
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0035290.D	1	10/20/05	RAW	n/a	n/a	VG1358
Run #2							

	Initial Weight
Run #1	4.96 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	68	34	ug/kg	
75-05-8	Acetonitrile	ND	68	27	ug/kg	
107-02-8	Acrolein	ND	34	17	ug/kg	
107-13-1	Acrylonitrile	ND	34	17	ug/kg	
107-05-1	Allyl chloride	ND	34	6.8	ug/kg	
71-43-2	Benzene	ND	6.8	2.7	ug/kg	
100-44-7	Benzyl Chloride	ND	6.8	3.4	ug/kg	
108-86-1	Bromobenzene	ND	6.8	2.7	ug/kg	
74-97-5	Bromochloromethane	ND	6.8	2.7	ug/kg	
75-27-4	Bromodichloromethane	ND	6.8	2.7	ug/kg	
75-25-2	Bromoform	ND	6.8	2.7	ug/kg	
104-51-8	n-Butylbenzene	ND	6.8	2.7	ug/kg	
135-98-8	sec-Butylbenzene	54.2	6.8	2.7	ug/kg	
98-06-6	tert-Butylbenzene	ND	6.8	2.7	ug/kg	
108-90-7	Chlorobenzene	ND	6.8	2.7	ug/kg	
75-00-3	Chloroethane	ND	6.8	2.7	ug/kg	
67-66-3	Chloroform	ND	6.8	2.7	ug/kg	
544-10-5	1-Chlorohexane	ND	6.8	2.7	ug/kg	
95-49-8	o-Chlorotoluene	ND	6.8	2.7	ug/kg	
106-43-4	p-Chlorotoluene	ND	6.8	2.7	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	34	14	ug/kg	
75-15-0	Carbon disulfide	ND	6.8	2.7	ug/kg	
56-23-5	Carbon tetrachloride	ND	6.8	2.7	ug/kg	
75-34-3	1,1-Dichloroethane	ND	6.8	2.7	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	6.8	2.7	ug/kg	
563-58-6	1,1-Dichloropropene	ND	6.8	2.7	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	6.8	2.7	ug/kg	
106-93-4	1,2-Dibromoethane	ND	6.8	2.7	ug/kg	
107-06-2	1,2-Dichloroethane	ND	6.8	2.7	ug/kg	
78-87-5	1,2-Dichloropropane	ND	6.8	2.7	ug/kg	
142-28-9	1,3-Dichloropropane	ND	6.8	2.7	ug/kg	
594-20-7	2,2-Dichloropropane	ND	6.8	2.7	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB09-63,71		
Lab Sample ID:	F35566-3	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8260B	**Percent Solids:**	74.1
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	6.8	2.7	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.8	4.1	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	6.8	2.7	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	6.8	2.7	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	34		ug/kg	
541-73-1	m-Dichlorobenzene	ND	6.8	2.7	ug/kg	
95-50-1	o-Dichlorobenzene	ND	6.8	2.7	ug/kg	
106-46-7	p-Dichlorobenzene	ND	6.8	2.7	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	6.8	2.7	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	6.8	2.7	ug/kg	
100-41-4	Ethylbenzene	44.6	6.8	2.7	ug/kg	
97-63-2	Ethyl methacrylate	ND	34	6.8	ug/kg	
76-13-1	Freon 113	ND	6.8	2.7	ug/kg	
591-78-6	2-Hexanone	ND	34	14	ug/kg	
87-68-3	Hexachlorobutadiene	ND	6.8	2.7	ug/kg	
110-54-3	Hexane	ND	6.8	2.7	ug/kg	
98-82-8	Isopropylbenzene	28.9	6.8	2.7	ug/kg	
99-87-6	p-Isopropyltoluene	ND	6.8	2.7	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	34	14	ug/kg	
126-98-7	Methacrylonitrile	ND	34	14	ug/kg	
74-83-9	Methyl bromide	ND	6.8	2.7	ug/kg	
74-87-3	Methyl chloride	ND	6.8	2.7	ug/kg	
74-88-4	Methyl iodide	ND	14	2.7	ug/kg	
80-62-6	Methyl methacrylate	ND	34	6.8	ug/kg	
74-95-3	Methylene bromide	ND	6.8	2.7	ug/kg	
75-09-2	Methylene chloride	18.4	14	6.8	ug/kg	
78-93-3	Methyl ethyl ketone	ND	34	14	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	6.8	2.7	ug/kg	
91-20-3	Naphthalene	ND	6.8	2.7	ug/kg	
76-01-7	Pentachloroethane	ND	34	6.8	ug/kg	
107-12-0	Propionitrile	ND	68	14	ug/kg	
103-65-1	n-Propylbenzene	14.8	6.8	2.7	ug/kg	
100-42-5	Styrene	ND	6.8	2.7	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	6.8	2.7	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	6.8	2.7	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6.8	2.7	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	6.8	2.7	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.8	2.7	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	6.8	2.7	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.8	2.7	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB09-63,71		
Lab Sample ID:	F35566-3	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8260B	**Percent Solids:**	74.1
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	6.8	2.7	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	6.8	2.7	ug/kg	
127-18-4	Tetrachloroethylene	ND	6.8	2.7	ug/kg	
108-88-3	Toluene	ND	6.8	2.7	ug/kg	
79-01-6	Trichloroethylene	ND	6.8	2.7	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.8	2.7	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	34	14	ug/kg	
75-01-4	Vinyl chloride	ND	6.8	2.7	ug/kg	
108-05-4	Vinyl Acetate	ND	34	14	ug/kg	
	m,p-Xylene	ND	14	3.4	ug/kg	
95-47-6	o-Xylene	ND	6.8	2.7	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		78-123%
2037-26-5	Toluene-D8	97%		71-137%
460-00-4	4-Bromofluorobenzene	393% [b]		61-157%
17060-07-0	1,2-Dichloroethane-D4	90%		74-125%

(a) Sample was received in a bulk container but was not preserved within 48 hours of sampling.
(b) Outside control limits due to matrix interference.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB09-63,71		
Lab Sample ID:	F35566-3	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	74.1
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L028147.D	1	10/12/05	NJ	10/11/05	OP14653	SL1474
Run #2							

	Initial Weight	Final Volume
Run #1	30.7 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1100	440	ug/kg	
95-57-8	2-Chlorophenol	ND	220	44	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	220	44	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	220	44	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	220	44	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1100	440	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	440	88	ug/kg	
95-48-7	2-Methylphenol	ND	220	44	ug/kg	
	3&4-Methylphenol	ND	220	44	ug/kg	
88-75-5	2-Nitrophenol	ND	220	44	ug/kg	
100-02-7	4-Nitrophenol	ND	1100	440	ug/kg	
87-86-5	Pentachlorophenol	ND	1100	440	ug/kg	
108-95-2	Phenol	ND	220	44	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	220	44	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	220	44	ug/kg	
83-32-9	Acenaphthene	ND	220	44	ug/kg	
208-96-8	Acenaphthylene	ND	220	44	ug/kg	
120-12-7	Anthracene	ND	220	44	ug/kg	
92-87-5	Benzidine	ND	2200	1100	ug/kg	
56-55-3	Benzo(a)anthracene	ND	220	44	ug/kg	
50-32-8	Benzo(a)pyrene	ND	220	44	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	220	44	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	220	88	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	220	44	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	220	44	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	440	110	ug/kg	
100-51-6	Benzyl Alcohol	ND	220	44	ug/kg	
91-58-7	2-Chloronaphthalene	ND	220	44	ug/kg	
106-47-8	4-Chloroaniline	ND	440	180	ug/kg	
218-01-9	Chrysene	ND	220	44	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	220	44	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	220	88	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB09-63,71		
Lab Sample ID:	F35566-3	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	74.1
Project:	HOLMN		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	220	44	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	220	44	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	220	44	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	220	44	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	220	44	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	220	88	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	220	88	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	440	220	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	220	88	ug/kg	
132-64-9	Dibenzofuran	ND	220	44	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	440	110	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	440	220	ug/kg	
84-66-2	Diethyl phthalate	ND	440	110	ug/kg	
131-11-3	Dimethyl phthalate	ND	440	110	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	440	220	ug/kg	
206-44-0	Fluoranthene	ND	220	44	ug/kg	
86-73-7	Fluorene	ND	220	44	ug/kg	
118-74-1	Hexachlorobenzene	ND	220	44	ug/kg	
87-68-3	Hexachlorobutadiene	ND	220	88	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	220	88	ug/kg	
67-72-1	Hexachloroethane	ND	220	88	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	220	88	ug/kg	
78-59-1	Isophorone	ND	220	44	ug/kg	
91-57-6	2-Methylnaphthalene	ND	220	44	ug/kg	
88-74-4	2-Nitroaniline	ND	440	110	ug/kg	
99-09-2	3-Nitroaniline	ND	440	110	ug/kg	
100-01-6	4-Nitroaniline	ND	440	150	ug/kg	
91-20-3	Naphthalene	ND	220	44	ug/kg	
98-95-3	Nitrobenzene	ND	220	44	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	220	88	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	220	44	ug/kg	
85-01-8	Phenanthrene	ND	220	44	ug/kg	
129-00-0	Pyrene	ND	220	88	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	220	44	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	86%		45-114%
4165-62-2	Phenol-d5	86%		44-124%
118-79-6	2,4,6-Tribromophenol	90%		50-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB09-63,71		
Lab Sample ID:	F35566-3	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	74.1
Project:	HOLMN		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	74%		41-123%
321-60-8	2-Fluorobiphenyl	83%		46-122%
1718-51-0	Terphenyl-d14	77%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB09-63,71		
Lab Sample ID:	F35566-3	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8015	**Percent Solids:**	74.1
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	HH017164.D	1	10/19/05	AB	n/a	n/a	GHH780
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.30 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	15.2	8.1	4.1	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	97% [b]		62-135%
460-00-4	4-Bromofluorobenzene	137% [c]		62-135%
98-08-8	aaa-Trifluorotoluene	94%		65-118%

(a) Sample was received in a bulk container but was not preserved within 48 hours of sampling.
(b) Result reported from PID.
(c) Outside control limits due to matrix interference.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB09-63,71		
Lab Sample ID:	F35566-3	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	74.1
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	IJ26388.D	2	10/21/05	ME	10/11/05	OP14652	GIJ1246
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	116	22	13	mg/kg	
	TPH (> C22-C36)	ND	22	13	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	84%		57-115%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB10-30,34		
Lab Sample ID:	F35566-4	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8260B	**Percent Solids:**	77.8
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0035279.D	1	10/19/05	JG	n/a	n/a	VG1357
Run #2							

	Initial Weight
Run #1	4.69 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	69	34	ug/kg	
75-05-8	Acetonitrile	ND	69	27	ug/kg	
107-02-8	Acrolein	ND	34	17	ug/kg	
107-13-1	Acrylonitrile	ND	34	17	ug/kg	
107-05-1	Allyl chloride	ND	34	6.9	ug/kg	
71-43-2	Benzene	ND	6.9	2.7	ug/kg	
100-44-7	Benzyl Chloride	ND	6.9	3.4	ug/kg	
108-86-1	Bromobenzene	ND	6.9	2.7	ug/kg	
74-97-5	Bromochloromethane	ND	6.9	2.7	ug/kg	
75-27-4	Bromodichloromethane	ND	6.9	2.7	ug/kg	
75-25-2	Bromoform	ND	6.9	2.7	ug/kg	
104-51-8	n-Butylbenzene	ND	6.9	2.7	ug/kg	
135-98-8	sec-Butylbenzene	ND	6.9	2.7	ug/kg	
98-06-6	tert-Butylbenzene	ND	6.9	2.7	ug/kg	
108-90-7	Chlorobenzene	ND	6.9	2.7	ug/kg	
75-00-3	Chloroethane	ND	6.9	2.7	ug/kg	
67-66-3	Chloroform	ND	6.9	2.7	ug/kg	
544-10-5	1-Chlorohexane	ND	6.9	2.7	ug/kg	
95-49-8	o-Chlorotoluene	ND	6.9	2.7	ug/kg	
106-43-4	p-Chlorotoluene	ND	6.9	2.7	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	34	14	ug/kg	
75-15-0	Carbon disulfide	ND	6.9	2.7	ug/kg	
56-23-5	Carbon tetrachloride	ND	6.9	2.7	ug/kg	
75-34-3	1,1-Dichloroethane	ND	6.9	2.7	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	6.9	2.7	ug/kg	
563-58-6	1,1-Dichloropropene	ND	6.9	2.7	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	6.9	2.7	ug/kg	
106-93-4	1,2-Dibromoethane	ND	6.9	2.7	ug/kg	
107-06-2	1,2-Dichloroethane	ND	6.9	2.7	ug/kg	
78-87-5	1,2-Dichloropropane	ND	6.9	2.7	ug/kg	
142-28-9	1,3-Dichloropropane	ND	6.9	2.7	ug/kg	
594-20-7	2,2-Dichloropropane	ND	6.9	2.7	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB10-30,34		
Lab Sample ID:	F35566-4	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8260B	**Percent Solids:**	77.8
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	6.9	2.7	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.9	4.1	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	6.9	2.7	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	6.9	2.7	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	34		ug/kg	
541-73-1	m-Dichlorobenzene	ND	6.9	2.7	ug/kg	
95-50-1	o-Dichlorobenzene	ND	6.9	2.7	ug/kg	
106-46-7	p-Dichlorobenzene	ND	6.9	2.7	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	6.9	2.7	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	6.9	2.7	ug/kg	
100-41-4	Ethylbenzene	ND	6.9	2.7	ug/kg	
97-63-2	Ethyl methacrylate	ND	34	6.9	ug/kg	
76-13-1	Freon 113	ND	6.9	2.7	ug/kg	
591-78-6	2-Hexanone	ND	34	14	ug/kg	
87-68-3	Hexachlorobutadiene	ND	6.9	2.7	ug/kg	
110-54-3	Hexane	ND	6.9	2.7	ug/kg	
98-82-8	Isopropylbenzene	ND	6.9	2.7	ug/kg	
99-87-6	p-Isopropyltoluene	ND	6.9	2.7	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	34	14	ug/kg	
126-98-7	Methacrylonitrile	ND	34	14	ug/kg	
74-83-9	Methyl bromide	ND	6.9	2.7	ug/kg	
74-87-3	Methyl chloride	ND	6.9	2.7	ug/kg	
74-88-4	Methyl iodide	ND	14	2.7	ug/kg	
80-62-6	Methyl methacrylate	ND	34	6.9	ug/kg	
74-95-3	Methylene bromide	ND	6.9	2.7	ug/kg	
75-09-2	Methylene chloride [b]	21.7	14	6.9	ug/kg	
78-93-3	Methyl ethyl ketone	ND	34	14	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	6.9	2.7	ug/kg	
91-20-3	Naphthalene	ND	6.9	2.7	ug/kg	
76-01-7	Pentachloroethane	ND	34	6.9	ug/kg	
107-12-0	Propionitrile	ND	69	14	ug/kg	
103-65-1	n-Propylbenzene	ND	6.9	2.7	ug/kg	
100-42-5	Styrene	ND	6.9	2.7	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	6.9	2.7	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	6.9	2.7	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6.9	2.7	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	6.9	2.7	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.9	2.7	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	6.9	2.7	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.9	2.7	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB10-30,34		
Lab Sample ID:	F35566-4	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8260B	**Percent Solids:**	77.8
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	6.9	2.7	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	6.9	2.7	ug/kg	
127-18-4	Tetrachloroethylene	ND	6.9	2.7	ug/kg	
108-88-3	Toluene	ND	6.9	2.7	ug/kg	
79-01-6	Trichloroethylene	ND	6.9	2.7	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.9	2.7	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	34	14	ug/kg	
75-01-4	Vinyl chloride	ND	6.9	2.7	ug/kg	
108-05-4	Vinyl Acetate	ND	34	14	ug/kg	
	m,p-Xylene	ND	14	3.4	ug/kg	
95-47-6	o-Xylene	ND	6.9	2.7	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		78-123%
2037-26-5	Toluene-D8	94%		71-137%
460-00-4	4-Bromofluorobenzene	87%		61-157%
17060-07-0	1,2-Dichloroethane-D4	92%		74-125%

(a) Sample was received in a bulk container but was not preserved within 48 hours of sampling.
(b) Suspected laboratory contaminant.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB10-30,34		
Lab Sample ID:	F35566-4	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	77.8
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L028155.D	1	10/13/05	NJ	10/11/05	OP14653	SL1475
Run #2							

	Initial Weight	Final Volume
Run #1	30.3 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1100	420	ug/kg	
95-57-8	2-Chlorophenol	ND	210	42	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	210	42	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	210	42	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	210	42	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1100	420	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	420	85	ug/kg	
95-48-7	2-Methylphenol	ND	210	42	ug/kg	
	3&4-Methylphenol	ND	210	42	ug/kg	
88-75-5	2-Nitrophenol	ND	210	42	ug/kg	
100-02-7	4-Nitrophenol	ND	1100	420	ug/kg	
87-86-5	Pentachlorophenol	ND	1100	420	ug/kg	
108-95-2	Phenol	ND	210	42	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	210	42	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	210	42	ug/kg	
83-32-9	Acenaphthene	ND	210	42	ug/kg	
208-96-8	Acenaphthylene	ND	210	42	ug/kg	
120-12-7	Anthracene	ND	210	42	ug/kg	
92-87-5	Benzidine	ND	2100	1100	ug/kg	
56-55-3	Benzo(a)anthracene	ND	210	42	ug/kg	
50-32-8	Benzo(a)pyrene	ND	210	42	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	210	42	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	210	85	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	210	42	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	210	42	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	420	110	ug/kg	
100-51-6	Benzyl Alcohol	ND	210	42	ug/kg	
91-58-7	2-Chloronaphthalene	ND	210	42	ug/kg	
106-47-8	4-Chloroaniline	ND	420	170	ug/kg	
218-01-9	Chrysene	ND	210	42	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	210	42	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	210	85	ug/kg	

ND = Not detected MDL - Method Detection Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB10-30,34		
Lab Sample ID:	F35566-4	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	77.8
Project:	HOLMN		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	210	42	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	210	42	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	210	42	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	210	42	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	210	42	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	210	85	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	210	85	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	420	210	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	210	85	ug/kg	
132-64-9	Dibenzofuran	ND	210	42	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	420	110	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	420	210	ug/kg	
84-66-2	Diethyl phthalate	ND	420	110	ug/kg	
131-11-3	Dimethyl phthalate	ND	420	110	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	420	210	ug/kg	
206-44-0	Fluoranthene	ND	210	42	ug/kg	
86-73-7	Fluorene	ND	210	42	ug/kg	
118-74-1	Hexachlorobenzene	ND	210	42	ug/kg	
87-68-3	Hexachlorobutadiene	ND	210	85	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	210	85	ug/kg	
67-72-1	Hexachloroethane	ND	210	85	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	210	85	ug/kg	
78-59-1	Isophorone	ND	210	42	ug/kg	
91-57-6	2-Methylnaphthalene	ND	210	42	ug/kg	
88-74-4	2-Nitroaniline	ND	420	110	ug/kg	
99-09-2	3-Nitroaniline	ND	420	110	ug/kg	
100-01-6	4-Nitroaniline	ND	420	150	ug/kg	
91-20-3	Naphthalene	ND	210	42	ug/kg	
98-95-3	Nitrobenzene	ND	210	42	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	210	85	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	210	42	ug/kg	
85-01-8	Phenanthrene	ND	210	42	ug/kg	
129-00-0	Pyrene	ND	210	85	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	210	42	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	75%		45-114%
4165-62-2	Phenol-d5	75%		44-124%
118-79-6	2,4,6-Tribromophenol	88%		50-128%

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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB10-30,34		
Lab Sample ID:	F35566-4	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	77.8
Project:	HOLMN		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	73%		41-123%
321-60-8	2-Fluorobiphenyl	78%		46-122%
1718-51-0	Terphenyl-d14	79%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB10-30,34		
Lab Sample ID:	F35566-4	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8015	**Percent Solids:**	77.8
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	HH017167.D	1	10/19/05	AB	n/a	n/a	GHH780
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	4.84 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	8.1	4.0	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	88%		62-135%
98-08-8	aaa-Trifluorotoluene	94%		65-118%

(a) Sample was received in a bulk container but was not preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB10-30,34		
Lab Sample ID:	F35566-4	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	77.8
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	IJ26335.D	1	10/19/05	SD	10/11/05	OP14652	GIJ1245
Run #2							

	Initial Weight	Final Volume
Run #1	30.9 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	10	6.2	mg/kg	
	TPH (> C22-C36)	ND	10	6.2	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	62%		57-115%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB10-56,62		
Lab Sample ID:	F35566-5	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8260B	**Percent Solids:**	74.8
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0035280.D	1	10/19/05	JG	n/a	n/a	VG1357
Run #2							

	Initial Weight
Run #1	4.66 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	72	36	ug/kg	
75-05-8	Acetonitrile	ND	72	29	ug/kg	
107-02-8	Acrolein	ND	36	18	ug/kg	
107-13-1	Acrylonitrile	ND	36	18	ug/kg	
107-05-1	Allyl chloride	ND	36	7.2	ug/kg	
71-43-2	Benzene	ND	7.2	2.9	ug/kg	
100-44-7	Benzyl Chloride	ND	7.2	3.6	ug/kg	
108-86-1	Bromobenzene	ND	7.2	2.9	ug/kg	
74-97-5	Bromochloromethane	ND	7.2	2.9	ug/kg	
75-27-4	Bromodichloromethane	ND	7.2	2.9	ug/kg	
75-25-2	Bromoform	ND	7.2	2.9	ug/kg	
104-51-8	n-Butylbenzene	ND	7.2	2.9	ug/kg	
135-98-8	sec-Butylbenzene	ND	7.2	2.9	ug/kg	
98-06-6	tert-Butylbenzene	ND	7.2	2.9	ug/kg	
108-90-7	Chlorobenzene	ND	7.2	2.9	ug/kg	
75-00-3	Chloroethane	ND	7.2	2.9	ug/kg	
67-66-3	Chloroform	ND	7.2	2.9	ug/kg	
544-10-5	1-Chlorohexane	ND	7.2	2.9	ug/kg	
95-49-8	o-Chlorotoluene	ND	7.2	2.9	ug/kg	
106-43-4	p-Chlorotoluene	ND	7.2	2.9	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	36	14	ug/kg	
75-15-0	Carbon disulfide	ND	7.2	2.9	ug/kg	
56-23-5	Carbon tetrachloride	ND	7.2	2.9	ug/kg	
75-34-3	1,1-Dichloroethane	ND	7.2	2.9	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	7.2	2.9	ug/kg	
563-58-6	1,1-Dichloropropene	ND	7.2	2.9	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	7.2	2.9	ug/kg	
106-93-4	1,2-Dibromoethane	ND	7.2	2.9	ug/kg	
107-06-2	1,2-Dichloroethane	ND	7.2	2.9	ug/kg	
78-87-5	1,2-Dichloropropane	ND	7.2	2.9	ug/kg	
142-28-9	1,3-Dichloropropane	ND	7.2	2.9	ug/kg	
594-20-7	2,2-Dichloropropane	ND	7.2	2.9	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB10-56,62		
Lab Sample ID:	F35566-5	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8260B	**Percent Solids:**	74.8
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	7.2	2.9	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	7.2	4.3	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	7.2	2.9	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	7.2	2.9	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	36		ug/kg	
541-73-1	m-Dichlorobenzene	ND	7.2	2.9	ug/kg	
95-50-1	o-Dichlorobenzene	ND	7.2	2.9	ug/kg	
106-46-7	p-Dichlorobenzene	ND	7.2	2.9	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	7.2	2.9	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	7.2	2.9	ug/kg	
100-41-4	Ethylbenzene	ND	7.2	2.9	ug/kg	
97-63-2	Ethyl methacrylate	ND	36	7.2	ug/kg	
76-13-1	Freon 113	ND	7.2	2.9	ug/kg	
591-78-6	2-Hexanone	ND	36	14	ug/kg	
87-68-3	Hexachlorobutadiene	ND	7.2	2.9	ug/kg	
110-54-3	Hexane	ND	7.2	2.9	ug/kg	
98-82-8	Isopropylbenzene	ND	7.2	2.9	ug/kg	
99-87-6	p-Isopropyltoluene	ND	7.2	2.9	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	36	14	ug/kg	
126-98-7	Methacrylonitrile	ND	36	14	ug/kg	
74-83-9	Methyl bromide	ND	7.2	2.9	ug/kg	
74-87-3	Methyl chloride	ND	7.2	2.9	ug/kg	
74-88-4	Methyl iodide	ND	14	2.9	ug/kg	
80-62-6	Methyl methacrylate	ND	36	7.2	ug/kg	
74-95-3	Methylene bromide	ND	7.2	2.9	ug/kg	
75-09-2	Methylene chloride [b]	18.8	14	7.2	ug/kg	
78-93-3	Methyl ethyl ketone	ND	36	14	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	7.2	2.9	ug/kg	
91-20-3	Naphthalene	ND	7.2	2.9	ug/kg	
76-01-7	Pentachloroethane	ND	36	7.2	ug/kg	
107-12-0	Propionitrile	ND	72	14	ug/kg	
103-65-1	n-Propylbenzene	ND	7.2	2.9	ug/kg	
100-42-5	Styrene	ND	7.2	2.9	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	7.2	2.9	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	7.2	2.9	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	7.2	2.9	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	7.2	2.9	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	7.2	2.9	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	7.2	2.9	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	7.2	2.9	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB10-56,62		
Lab Sample ID:	F35566-5	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8260B	**Percent Solids:**	74.8
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	7.2	2.9	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	7.2	2.9	ug/kg	
127-18-4	Tetrachloroethylene	ND	7.2	2.9	ug/kg	
108-88-3	Toluene	ND	7.2	2.9	ug/kg	
79-01-6	Trichloroethylene	ND	7.2	2.9	ug/kg	
75-69-4	Trichlorofluoromethane	ND	7.2	2.9	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	36	14	ug/kg	
75-01-4	Vinyl chloride	ND	7.2	2.9	ug/kg	
108-05-4	Vinyl Acetate	ND	36	14	ug/kg	
	m,p-Xylene	ND	14	3.6	ug/kg	
95-47-6	o-Xylene	ND	7.2	2.9	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		78-123%
2037-26-5	Toluene-D8	94%		71-137%
460-00-4	4-Bromofluorobenzene	83%		61-157%
17060-07-0	1,2-Dichloroethane-D4	88%		74-125%

(a) Sample was received in a bulk container but was not preserved within 48 hours of sampling.
(b) Suspected laboratory contaminant.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB10-56,62		
Lab Sample ID:	F35566-5	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	74.8
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L028156.D	1	10/13/05	NJ	10/11/05	OP14653	SL1475
Run #2							

	Initial Weight	Final Volume
Run #1	30.6 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1100	440	ug/kg	
95-57-8	2-Chlorophenol	ND	220	44	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	220	44	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	220	44	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	220	44	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1100	440	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	440	87	ug/kg	
95-48-7	2-Methylphenol	ND	220	44	ug/kg	
	3&4-Methylphenol	ND	220	44	ug/kg	
88-75-5	2-Nitrophenol	ND	220	44	ug/kg	
100-02-7	4-Nitrophenol	ND	1100	440	ug/kg	
87-86-5	Pentachlorophenol	ND	1100	440	ug/kg	
108-95-2	Phenol	ND	220	44	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	220	44	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	220	44	ug/kg	
83-32-9	Acenaphthene	ND	220	44	ug/kg	
208-96-8	Acenaphthylene	ND	220	44	ug/kg	
120-12-7	Anthracene	ND	220	44	ug/kg	
92-87-5	Benzidine	ND	2200	1100	ug/kg	
56-55-3	Benzo(a)anthracene	ND	220	44	ug/kg	
50-32-8	Benzo(a)pyrene	ND	220	44	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	220	44	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	220	87	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	220	44	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	220	44	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	440	110	ug/kg	
100-51-6	Benzyl Alcohol	ND	220	44	ug/kg	
91-58-7	2-Chloronaphthalene	ND	220	44	ug/kg	
106-47-8	4-Chloroaniline	ND	440	170	ug/kg	
218-01-9	Chrysene	ND	220	44	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	220	44	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	220	87	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB10-56,62		
Lab Sample ID:	F35566-5	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	74.8
Project:	HOLMN		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	220	44	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	220	44	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	220	44	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	220	44	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	220	44	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	220	87	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	220	87	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	440	220	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	220	87	ug/kg	
132-64-9	Dibenzofuran	ND	220	44	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	440	110	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	440	220	ug/kg	
84-66-2	Diethyl phthalate	ND	440	110	ug/kg	
131-11-3	Dimethyl phthalate	ND	440	110	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	440	220	ug/kg	
206-44-0	Fluoranthene	ND	220	44	ug/kg	
86-73-7	Fluorene	ND	220	44	ug/kg	
118-74-1	Hexachlorobenzene	ND	220	44	ug/kg	
87-68-3	Hexachlorobutadiene	ND	220	87	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	220	87	ug/kg	
67-72-1	Hexachloroethane	ND	220	87	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	220	87	ug/kg	
78-59-1	Isophorone	ND	220	44	ug/kg	
91-57-6	2-Methylnaphthalene	ND	220	44	ug/kg	
88-74-4	2-Nitroaniline	ND	440	110	ug/kg	
99-09-2	3-Nitroaniline	ND	440	110	ug/kg	
100-01-6	4-Nitroaniline	ND	440	150	ug/kg	
91-20-3	Naphthalene	ND	220	44	ug/kg	
98-95-3	Nitrobenzene	ND	220	44	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	220	87	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	220	44	ug/kg	
85-01-8	Phenanthrene	ND	220	44	ug/kg	
129-00-0	Pyrene	ND	220	87	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	220	44	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	93%		45-114%
4165-62-2	Phenol-d5	93%		44-124%
118-79-6	2,4,6-Tribromophenol	101%		50-128%

ND = Not detected MDL - Method Detection Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB10-56,62		
Lab Sample ID:	F35566-5	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	74.8
Project:	HOLMN		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	89%		41-123%
321-60-8	2-Fluorobiphenyl	98%		46-122%
1718-51-0	Terphenyl-d14	97%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB10-56,62		
Lab Sample ID:	F35566-5	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8015	**Percent Solids:**	74.8
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	HH017168.D	1	10/19/05	AB	n/a	n/a	GHH780
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.12 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	8.2	4.1	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	89%		62-135%
98-08-8	aaa-Trifluorotoluene	93%		65-118%

(a) Sample was received in a bulk container but was not preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB10-56,62		
Lab Sample ID:	F35566-5	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	74.8
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	IJ26336.D	1	10/19/05	SD	10/11/05	OP14652	GIJ1245
Run #2							

	Initial Weight	Final Volume
Run #1	30.4 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	11	6.6	mg/kg	
	TPH (> C22-C36)	ND	11	6.6	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	72%		57-115%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB10-93,104		
Lab Sample ID:	F35566-6	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8260B	**Percent Solids:**	69.0
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0035281.D	1	10/19/05	JG	n/a	n/a	VG1357
Run #2							

	Initial Weight
Run #1	4.53 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	80	40	ug/kg	
75-05-8	Acetonitrile	ND	80	32	ug/kg	
107-02-8	Acrolein	ND	40	20	ug/kg	
107-13-1	Acrylonitrile	ND	40	20	ug/kg	
107-05-1	Allyl chloride	ND	40	8.0	ug/kg	
71-43-2	Benzene	ND	8.0	3.2	ug/kg	
100-44-7	Benzyl Chloride	ND	8.0	4.0	ug/kg	
108-86-1	Bromobenzene	ND	8.0	3.2	ug/kg	
74-97-5	Bromochloromethane	ND	8.0	3.2	ug/kg	
75-27-4	Bromodichloromethane	ND	8.0	3.2	ug/kg	
75-25-2	Bromoform	ND	8.0	3.2	ug/kg	
104-51-8	n-Butylbenzene	ND	8.0	3.2	ug/kg	
135-98-8	sec-Butylbenzene	ND	8.0	3.2	ug/kg	
98-06-6	tert-Butylbenzene	ND	8.0	3.2	ug/kg	
108-90-7	Chlorobenzene	ND	8.0	3.2	ug/kg	
75-00-3	Chloroethane	ND	8.0	3.2	ug/kg	
67-66-3	Chloroform	ND	8.0	3.2	ug/kg	
544-10-5	1-Chlorohexane	ND	8.0	3.2	ug/kg	
95-49-8	o-Chlorotoluene	ND	8.0	3.2	ug/kg	
106-43-4	p-Chlorotoluene	ND	8.0	3.2	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	40	16	ug/kg	
75-15-0	Carbon disulfide	ND	8.0	3.2	ug/kg	
56-23-5	Carbon tetrachloride	ND	8.0	3.2	ug/kg	
75-34-3	1,1-Dichloroethane	ND	8.0	3.2	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	8.0	3.2	ug/kg	
563-58-6	1,1-Dichloropropene	ND	8.0	3.2	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	8.0	3.2	ug/kg	
106-93-4	1,2-Dibromoethane	ND	8.0	3.2	ug/kg	
107-06-2	1,2-Dichloroethane	ND	8.0	3.2	ug/kg	
78-87-5	1,2-Dichloropropane	ND	8.0	3.2	ug/kg	
142-28-9	1,3-Dichloropropane	ND	8.0	3.2	ug/kg	
594-20-7	2,2-Dichloropropane	ND	8.0	3.2	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB10-93,104		
Lab Sample ID:	F35566-6	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8260B	**Percent Solids:**	69.0
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	8.0	3.2	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	8.0	4.8	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	8.0	3.2	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	8.0	3.2	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	40		ug/kg	
541-73-1	m-Dichlorobenzene	ND	8.0	3.2	ug/kg	
95-50-1	o-Dichlorobenzene	ND	8.0	3.2	ug/kg	
106-46-7	p-Dichlorobenzene	ND	8.0	3.2	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	8.0	3.2	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	8.0	3.2	ug/kg	
100-41-4	Ethylbenzene	ND	8.0	3.2	ug/kg	
97-63-2	Ethyl methacrylate	ND	40	8.0	ug/kg	
76-13-1	Freon 113	ND	8.0	3.2	ug/kg	
591-78-6	2-Hexanone	ND	40	16	ug/kg	
87-68-3	Hexachlorobutadiene	ND	8.0	3.2	ug/kg	
110-54-3	Hexane	ND	8.0	3.2	ug/kg	
98-82-8	Isopropylbenzene	ND	8.0	3.2	ug/kg	
99-87-6	p-Isopropyltoluene	ND	8.0	3.2	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	40	16	ug/kg	
126-98-7	Methacrylonitrile	ND	40	16	ug/kg	
74-83-9	Methyl bromide	ND	8.0	3.2	ug/kg	
74-87-3	Methyl chloride	ND	8.0	3.2	ug/kg	
74-88-4	Methyl iodide	ND	16	3.2	ug/kg	
80-62-6	Methyl methacrylate	ND	40	8.0	ug/kg	
74-95-3	Methylene bromide	ND	8.0	3.2	ug/kg	
75-09-2	Methylene chloride [b]	16.4	16	8.0	ug/kg	
78-93-3	Methyl ethyl ketone	ND	40	16	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	8.0	3.2	ug/kg	
91-20-3	Naphthalene	ND	8.0	3.2	ug/kg	
76-01-7	Pentachloroethane	ND	40	8.0	ug/kg	
107-12-0	Propionitrile	ND	80	16	ug/kg	
103-65-1	n-Propylbenzene	ND	8.0	3.2	ug/kg	
100-42-5	Styrene	ND	8.0	3.2	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	8.0	3.2	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	8.0	3.2	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	8.0	3.2	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	8.0	3.2	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	8.0	3.2	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	8.0	3.2	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	8.0	3.2	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB10-93,104		
Lab Sample ID:	F35566-6	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8260B	**Percent Solids:**	69.0
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	8.0	3.2	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	8.0	3.2	ug/kg	
127-18-4	Tetrachloroethylene	ND	8.0	3.2	ug/kg	
108-88-3	Toluene	ND	8.0	3.2	ug/kg	
79-01-6	Trichloroethylene	ND	8.0	3.2	ug/kg	
75-69-4	Trichlorofluoromethane	ND	8.0	3.2	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	40	16	ug/kg	
75-01-4	Vinyl chloride	ND	8.0	3.2	ug/kg	
108-05-4	Vinyl Acetate	ND	40	16	ug/kg	
	m,p-Xylene	ND	16	4.0	ug/kg	
95-47-6	o-Xylene	ND	8.0	3.2	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		78-123%
2037-26-5	Toluene-D8	91%		71-137%
460-00-4	4-Bromofluorobenzene	83%		61-157%
17060-07-0	1,2-Dichloroethane-D4	87%		74-125%

(a) Sample was received in a bulk container but was not preserved within 48 hours of sampling.
(b) Suspected laboratory contaminant.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB10-93,104		
Lab Sample ID:	F35566-6	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	69.0
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L028157.D	1	10/13/05	NJ	10/11/05	OP14653	SL1475
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1200	480	ug/kg	
95-57-8	2-Chlorophenol	ND	240	48	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	240	48	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	240	48	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	240	48	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1200	480	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	480	96	ug/kg	
95-48-7	2-Methylphenol	ND	240	48	ug/kg	
	3&4-Methylphenol	ND	240	48	ug/kg	
88-75-5	2-Nitrophenol	ND	240	48	ug/kg	
100-02-7	4-Nitrophenol	ND	1200	480	ug/kg	
87-86-5	Pentachlorophenol	ND	1200	480	ug/kg	
108-95-2	Phenol	ND	240	48	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	240	48	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	240	48	ug/kg	
83-32-9	Acenaphthene	ND	240	48	ug/kg	
208-96-8	Acenaphthylene	ND	240	48	ug/kg	
120-12-7	Anthracene	ND	240	48	ug/kg	
92-87-5	Benzidine	ND	2400	1200	ug/kg	
56-55-3	Benzo(a)anthracene	ND	240	48	ug/kg	
50-32-8	Benzo(a)pyrene	ND	240	48	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	240	48	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	240	96	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	240	48	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	240	48	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	480	120	ug/kg	
100-51-6	Benzyl Alcohol	ND	240	48	ug/kg	
91-58-7	2-Chloronaphthalene	ND	240	48	ug/kg	
106-47-8	4-Chloroaniline	ND	480	190	ug/kg	
218-01-9	Chrysene	ND	240	48	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	240	48	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	240	96	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB10-93,104		
Lab Sample ID:	F35566-6	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	69.0
Project:	HOLMN		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	240	48	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	240	48	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	240	48	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	240	48	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	240	48	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	240	96	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	240	96	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	480	240	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	240	96	ug/kg	
132-64-9	Dibenzofuran	ND	240	48	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	480	120	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	480	240	ug/kg	
84-66-2	Diethyl phthalate	ND	480	120	ug/kg	
131-11-3	Dimethyl phthalate	ND	480	120	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	480	240	ug/kg	
206-44-0	Fluoranthene	ND	240	48	ug/kg	
86-73-7	Fluorene	ND	240	48	ug/kg	
118-74-1	Hexachlorobenzene	ND	240	48	ug/kg	
87-68-3	Hexachlorobutadiene	ND	240	96	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	240	96	ug/kg	
67-72-1	Hexachloroethane	ND	240	96	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	240	96	ug/kg	
78-59-1	Isophorone	ND	240	48	ug/kg	
91-57-6	2-Methylnaphthalene	ND	240	48	ug/kg	
88-74-4	2-Nitroaniline	ND	480	120	ug/kg	
99-09-2	3-Nitroaniline	ND	480	120	ug/kg	
100-01-6	4-Nitroaniline	ND	480	170	ug/kg	
91-20-3	Naphthalene	ND	240	48	ug/kg	
98-95-3	Nitrobenzene	ND	240	48	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	240	96	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	240	48	ug/kg	
85-01-8	Phenanthrene	ND	240	48	ug/kg	
129-00-0	Pyrene	ND	240	96	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	240	48	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	79%		45-114%
4165-62-2	Phenol-d5	78%		44-124%
118-79-6	2,4,6-Tribromophenol	81%		50-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB10-93,104		
Lab Sample ID:	F35566-6	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	69.0
Project:	HOLMN		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	75%		41-123%
321-60-8	2-Fluorobiphenyl	82%		46-122%
1718-51-0	Terphenyl-d14	78%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB10-93,104		
Lab Sample ID:	F35566-6	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8015	**Percent Solids:**	69.0
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	HH017169.D	1	10/19/05	AB	n/a	n/a	GHH780
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	6.13 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	8.2	4.1	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	88%		62-135%
98-08-8	aaa-Trifluorotoluene	94%		65-118%

(a) Sample was received in a bulk container but was not preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB10-93,104		
Lab Sample ID:	F35566-6	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	69.0
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	IJ26337.D	1	10/19/05	SD	10/11/05	OP14652	GIJ1245
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	12	7.2	mg/kg	
	TPH (> C22-C36)	ND	12	7.2	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	87%		57-115%

ND = Not detected MDL - Method Detection Limit
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E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB11-0,6		
Lab Sample ID:	F35566-7	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8260B	**Percent Solids:**	78.5
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0035291.D	1	10/20/05	RAW	n/a	n/a	VG1358
Run #2							

	Initial Weight
Run #1	4.81 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	66	33	ug/kg	
75-05-8	Acetonitrile	ND	66	26	ug/kg	
107-02-8	Acrolein	ND	33	17	ug/kg	
107-13-1	Acrylonitrile	ND	33	17	ug/kg	
107-05-1	Allyl chloride	ND	33	6.6	ug/kg	
71-43-2	Benzene	ND	6.6	2.6	ug/kg	
100-44-7	Benzyl Chloride	ND	6.6	3.3	ug/kg	
108-86-1	Bromobenzene	ND	6.6	2.6	ug/kg	
74-97-5	Bromochloromethane	ND	6.6	2.6	ug/kg	
75-27-4	Bromodichloromethane	ND	6.6	2.6	ug/kg	
75-25-2	Bromoform	ND	6.6	2.6	ug/kg	
104-51-8	n-Butylbenzene	ND	6.6	2.6	ug/kg	
135-98-8	sec-Butylbenzene	ND	6.6	2.6	ug/kg	
98-06-6	tert-Butylbenzene	ND	6.6	2.6	ug/kg	
108-90-7	Chlorobenzene	ND	6.6	2.6	ug/kg	
75-00-3	Chloroethane	ND	6.6	2.6	ug/kg	
67-66-3	Chloroform	ND	6.6	2.6	ug/kg	
544-10-5	1-Chlorohexane	ND	6.6	2.6	ug/kg	
95-49-8	o-Chlorotoluene	ND	6.6	2.6	ug/kg	
106-43-4	p-Chlorotoluene	ND	6.6	2.6	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	33	13	ug/kg	
75-15-0	Carbon disulfide	ND	6.6	2.6	ug/kg	
56-23-5	Carbon tetrachloride	ND	6.6	2.6	ug/kg	
75-34-3	1,1-Dichloroethane	ND	6.6	2.6	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	6.6	2.6	ug/kg	
563-58-6	1,1-Dichloropropene	ND	6.6	2.6	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	6.6	2.6	ug/kg	
106-93-4	1,2-Dibromoethane	ND	6.6	2.6	ug/kg	
107-06-2	1,2-Dichloroethane	ND	6.6	2.6	ug/kg	
78-87-5	1,2-Dichloropropane	ND	6.6	2.6	ug/kg	
142-28-9	1,3-Dichloropropane	ND	6.6	2.6	ug/kg	
594-20-7	2,2-Dichloropropane	ND	6.6	2.6	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB11-0,6		
Lab Sample ID:	F35566-7	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8260B	**Percent Solids:**	78.5
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	6.6	2.6	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.6	4.0	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	6.6	2.6	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	6.6	2.6	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	33		ug/kg	
541-73-1	m-Dichlorobenzene	ND	6.6	2.6	ug/kg	
95-50-1	o-Dichlorobenzene	ND	6.6	2.6	ug/kg	
106-46-7	p-Dichlorobenzene	ND	6.6	2.6	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	6.6	2.6	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	6.6	2.6	ug/kg	
100-41-4	Ethylbenzene	ND	6.6	2.6	ug/kg	
97-63-2	Ethyl methacrylate	ND	33	6.6	ug/kg	
76-13-1	Freon 113	ND	6.6	2.6	ug/kg	
591-78-6	2-Hexanone	ND	33	13	ug/kg	
87-68-3	Hexachlorobutadiene	ND	6.6	2.6	ug/kg	
110-54-3	Hexane	ND	6.6	2.6	ug/kg	
98-82-8	Isopropylbenzene	ND	6.6	2.6	ug/kg	
99-87-6	p-Isopropyltoluene	ND	6.6	2.6	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	33	13	ug/kg	
126-98-7	Methacrylonitrile	ND	33	13	ug/kg	
74-83-9	Methyl bromide	ND	6.6	2.6	ug/kg	
74-87-3	Methyl chloride	ND	6.6	2.6	ug/kg	
74-88-4	Methyl iodide	ND	13	2.6	ug/kg	
80-62-6	Methyl methacrylate	ND	33	6.6	ug/kg	
74-95-3	Methylene bromide	ND	6.6	2.6	ug/kg	
75-09-2	Methylene chloride	20.6	13	6.6	ug/kg	
78-93-3	Methyl ethyl ketone	ND	33	13	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	6.6	2.6	ug/kg	
91-20-3	Naphthalene	ND	6.6	2.6	ug/kg	
76-01-7	Pentachloroethane	ND	33	6.6	ug/kg	
107-12-0	Propionitrile	ND	66	13	ug/kg	
103-65-1	n-Propylbenzene	ND	6.6	2.6	ug/kg	
100-42-5	Styrene	ND	6.6	2.6	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	6.6	2.6	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	6.6	2.6	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6.6	2.6	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	6.6	2.6	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.6	2.6	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	6.6	2.6	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.6	2.6	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB11-0,6		
Lab Sample ID:	F35566-7	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8260B	**Percent Solids:**	78.5
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	6.6	2.6	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	6.6	2.6	ug/kg	
127-18-4	Tetrachloroethylene	ND	6.6	2.6	ug/kg	
108-88-3	Toluene	ND	6.6	2.6	ug/kg	
79-01-6	Trichloroethylene	ND	6.6	2.6	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.6	2.6	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	33	13	ug/kg	
75-01-4	Vinyl chloride	ND	6.6	2.6	ug/kg	
108-05-4	Vinyl Acetate	ND	33	13	ug/kg	
	m,p-Xylene	ND	13	3.3	ug/kg	
95-47-6	o-Xylene	ND	6.6	2.6	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		78-123%
2037-26-5	Toluene-D8	92%		71-137%
460-00-4	4-Bromofluorobenzene	92%		61-157%
17060-07-0	1,2-Dichloroethane-D4	93%		74-125%

(a) Sample was received in a bulk container but was not preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB11-0,6		
Lab Sample ID:	F35566-7	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	78.5
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L028158.D	1	10/13/05	NJ	10/11/05	OP14653	SL1475
Run #2							

	Initial Weight	Final Volume
Run #1	30.3 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1100	420	ug/kg	
95-57-8	2-Chlorophenol	ND	210	42	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	210	42	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	210	42	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	210	42	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1100	420	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	420	84	ug/kg	
95-48-7	2-Methylphenol	ND	210	42	ug/kg	
	3&4-Methylphenol	ND	210	42	ug/kg	
88-75-5	2-Nitrophenol	ND	210	42	ug/kg	
100-02-7	4-Nitrophenol	ND	1100	420	ug/kg	
87-86-5	Pentachlorophenol	ND	1100	420	ug/kg	
108-95-2	Phenol	ND	210	42	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	210	42	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	210	42	ug/kg	
83-32-9	Acenaphthene	ND	210	42	ug/kg	
208-96-8	Acenaphthylene	ND	210	42	ug/kg	
120-12-7	Anthracene	ND	210	42	ug/kg	
92-87-5	Benzidine	ND	2100	1100	ug/kg	
56-55-3	Benzo(a)anthracene	ND	210	42	ug/kg	
50-32-8	Benzo(a)pyrene	ND	210	42	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	210	42	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	210	84	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	210	42	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	210	42	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	420	110	ug/kg	
100-51-6	Benzyl Alcohol	ND	210	42	ug/kg	
91-58-7	2-Chloronaphthalene	ND	210	42	ug/kg	
106-47-8	4-Chloroaniline	ND	420	170	ug/kg	
218-01-9	Chrysene	ND	210	42	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	210	42	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	210	84	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB11-0,6		
Lab Sample ID:	F35566-7	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	78.5
Project:	HOLMN		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	210	42	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	210	42	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	210	42	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	210	42	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	210	42	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	210	84	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	210	84	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	420	210	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	210	84	ug/kg	
132-64-9	Dibenzofuran	ND	210	42	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	420	110	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	420	210	ug/kg	
84-66-2	Diethyl phthalate	ND	420	110	ug/kg	
131-11-3	Dimethyl phthalate	ND	420	110	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	420	210	ug/kg	
206-44-0	Fluoranthene	ND	210	42	ug/kg	
86-73-7	Fluorene	ND	210	42	ug/kg	
118-74-1	Hexachlorobenzene	ND	210	42	ug/kg	
87-68-3	Hexachlorobutadiene	ND	210	84	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	210	84	ug/kg	
67-72-1	Hexachloroethane	ND	210	84	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	210	84	ug/kg	
78-59-1	Isophorone	ND	210	42	ug/kg	
91-57-6	2-Methylnaphthalene	ND	210	42	ug/kg	
88-74-4	2-Nitroaniline	ND	420	110	ug/kg	
99-09-2	3-Nitroaniline	ND	420	110	ug/kg	
100-01-6	4-Nitroaniline	ND	420	150	ug/kg	
91-20-3	Naphthalene	ND	210	42	ug/kg	
98-95-3	Nitrobenzene	ND	210	42	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	210	84	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	210	42	ug/kg	
85-01-8	Phenanthrene	ND	210	42	ug/kg	
129-00-0	Pyrene	ND	210	84	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	210	42	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	69%		45-114%
4165-62-2	Phenol-d5	69%		44-124%
118-79-6	2,4,6-Tribromophenol	84%		50-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB11-0,6		
Lab Sample ID:	F35566-7	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	78.5
Project:	HOLMN		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	64%		41-123%
321-60-8	2-Fluorobiphenyl	72%		46-122%
1718-51-0	Terphenyl-d14	73%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB11-0,6		
Lab Sample ID:	F35566-7	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8015	**Percent Solids:**	78.5
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	HH017170.D	1	10/19/05	AB	n/a	n/a	GHH780
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.23 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	7.5	3.7	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	88%		62-135%
98-08-8	aaa-Trifluorotoluene	94%		65-118%

(a) Sample was received in a bulk container but was not preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB11-0,6		
Lab Sample ID:	F35566-7	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	78.5
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	IJ26340.D	1	10/19/05	SD	10/11/05	OP14652	GIJ1245
Run #2							

	Initial Weight	Final Volume
Run #1	30.3 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	11	6.3	mg/kg	
	TPH (> C22-C36)	7.71	11	6.3	mg/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	75%		57-115%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB11-33,37		
Lab Sample ID:	F35566-8	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8260B	**Percent Solids:**	76.9
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0035292.D	1	10/20/05	RAW	n/a	n/a	VG1358
Run #2							

	Initial Weight
Run #1	5.19 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	63	31	ug/kg	
75-05-8	Acetonitrile	ND	63	25	ug/kg	
107-02-8	Acrolein	ND	31	16	ug/kg	
107-13-1	Acrylonitrile	ND	31	16	ug/kg	
107-05-1	Allyl chloride	ND	31	6.3	ug/kg	
71-43-2	Benzene	ND	6.3	2.5	ug/kg	
100-44-7	Benzyl Chloride	ND	6.3	3.1	ug/kg	
108-86-1	Bromobenzene	ND	6.3	2.5	ug/kg	
74-97-5	Bromochloromethane	ND	6.3	2.5	ug/kg	
75-27-4	Bromodichloromethane	ND	6.3	2.5	ug/kg	
75-25-2	Bromoform	ND	6.3	2.5	ug/kg	
104-51-8	n-Butylbenzene	ND	6.3	2.5	ug/kg	
135-98-8	sec-Butylbenzene	ND	6.3	2.5	ug/kg	
98-06-6	tert-Butylbenzene	ND	6.3	2.5	ug/kg	
108-90-7	Chlorobenzene	ND	6.3	2.5	ug/kg	
75-00-3	Chloroethane	ND	6.3	2.5	ug/kg	
67-66-3	Chloroform	ND	6.3	2.5	ug/kg	
544-10-5	1-Chlorohexane	ND	6.3	2.5	ug/kg	
95-49-8	o-Chlorotoluene	ND	6.3	2.5	ug/kg	
106-43-4	p-Chlorotoluene	ND	6.3	2.5	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	31	13	ug/kg	
75-15-0	Carbon disulfide	ND	6.3	2.5	ug/kg	
56-23-5	Carbon tetrachloride	ND	6.3	2.5	ug/kg	
75-34-3	1,1-Dichloroethane	ND	6.3	2.5	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	6.3	2.5	ug/kg	
563-58-6	1,1-Dichloropropene	ND	6.3	2.5	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	6.3	2.5	ug/kg	
106-93-4	1,2-Dibromoethane	ND	6.3	2.5	ug/kg	
107-06-2	1,2-Dichloroethane	ND	6.3	2.5	ug/kg	
78-87-5	1,2-Dichloropropane	ND	6.3	2.5	ug/kg	
142-28-9	1,3-Dichloropropane	ND	6.3	2.5	ug/kg	
594-20-7	2,2-Dichloropropane	ND	6.3	2.5	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB11-33,37		
Lab Sample ID:	F35566-8	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8260B	**Percent Solids:**	76.9
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	6.3	2.5	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.3	3.8	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	6.3	2.5	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	6.3	2.5	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	31		ug/kg	
541-73-1	m-Dichlorobenzene	ND	6.3	2.5	ug/kg	
95-50-1	o-Dichlorobenzene	ND	6.3	2.5	ug/kg	
106-46-7	p-Dichlorobenzene	ND	6.3	2.5	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	6.3	2.5	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	6.3	2.5	ug/kg	
100-41-4	Ethylbenzene	ND	6.3	2.5	ug/kg	
97-63-2	Ethyl methacrylate	ND	31	6.3	ug/kg	
76-13-1	Freon 113	ND	6.3	2.5	ug/kg	
591-78-6	2-Hexanone	ND	31	13	ug/kg	
87-68-3	Hexachlorobutadiene	ND	6.3	2.5	ug/kg	
110-54-3	Hexane	ND	6.3	2.5	ug/kg	
98-82-8	Isopropylbenzene	ND	6.3	2.5	ug/kg	
99-87-6	p-Isopropyltoluene	ND	6.3	2.5	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	31	13	ug/kg	
126-98-7	Methacrylonitrile	ND	31	13	ug/kg	
74-83-9	Methyl bromide	ND	6.3	2.5	ug/kg	
74-87-3	Methyl chloride	ND	6.3	2.5	ug/kg	
74-88-4	Methyl iodide	ND	13	2.5	ug/kg	
80-62-6	Methyl methacrylate	ND	31	6.3	ug/kg	
74-95-3	Methylene bromide	ND	6.3	2.5	ug/kg	
75-09-2	Methylene chloride	10.9	13	6.3	ug/kg	J
78-93-3	Methyl ethyl ketone	ND	31	13	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	6.3	2.5	ug/kg	
91-20-3	Naphthalene	ND	6.3	2.5	ug/kg	
76-01-7	Pentachloroethane	ND	31	6.3	ug/kg	
107-12-0	Propionitrile	ND	63	13	ug/kg	
103-65-1	n-Propylbenzene	ND	6.3	2.5	ug/kg	
100-42-5	Styrene	ND	6.3	2.5	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	6.3	2.5	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	6.3	2.5	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6.3	2.5	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	6.3	2.5	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.3	2.5	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	6.3	2.5	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.3	2.5	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB11-33,37		
Lab Sample ID:	F35566-8	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8260B	**Percent Solids:**	76.9
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	6.3	2.5	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	6.3	2.5	ug/kg	
127-18-4	Tetrachloroethylene	ND	6.3	2.5	ug/kg	
108-88-3	Toluene	ND	6.3	2.5	ug/kg	
79-01-6	Trichloroethylene	ND	6.3	2.5	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.3	2.5	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	31	13	ug/kg	
75-01-4	Vinyl chloride	ND	6.3	2.5	ug/kg	
108-05-4	Vinyl Acetate	ND	31	13	ug/kg	
	m,p-Xylene	ND	13	3.1	ug/kg	
95-47-6	o-Xylene	ND	6.3	2.5	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		78-123%
2037-26-5	Toluene-D8	94%		71-137%
460-00-4	4-Bromofluorobenzene	90%		61-157%
17060-07-0	1,2-Dichloroethane-D4	95%		74-125%

(a) Sample was received in a bulk container but was not preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB11-33,37		
Lab Sample ID:	F35566-8	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	76.9
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L028159.D	1	10/13/05	NJ	10/11/05	OP14653	SL1475
Run #2							

	Initial Weight	Final Volume
Run #1	30.9 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1100	420	ug/kg	
95-57-8	2-Chlorophenol	ND	210	42	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	210	42	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	210	42	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	210	42	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1100	420	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	420	84	ug/kg	
95-48-7	2-Methylphenol	ND	210	42	ug/kg	
	3&4-Methylphenol	ND	210	42	ug/kg	
88-75-5	2-Nitrophenol	ND	210	42	ug/kg	
100-02-7	4-Nitrophenol	ND	1100	420	ug/kg	
87-86-5	Pentachlorophenol	ND	1100	420	ug/kg	
108-95-2	Phenol	ND	210	42	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	210	42	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	210	42	ug/kg	
83-32-9	Acenaphthene	ND	210	42	ug/kg	
208-96-8	Acenaphthylene	ND	210	42	ug/kg	
120-12-7	Anthracene	ND	210	42	ug/kg	
92-87-5	Benzidine	ND	2100	1100	ug/kg	
56-55-3	Benzo(a)anthracene	ND	210	42	ug/kg	
50-32-8	Benzo(a)pyrene	ND	210	42	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	210	42	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	210	84	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	210	42	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	210	42	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	420	110	ug/kg	
100-51-6	Benzyl Alcohol	ND	210	42	ug/kg	
91-58-7	2-Chloronaphthalene	ND	210	42	ug/kg	
106-47-8	4-Chloroaniline	ND	420	170	ug/kg	
218-01-9	Chrysene	ND	210	42	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	210	42	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	210	84	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB11-33,37		
Lab Sample ID:	F35566-8	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	76.9
Project:	HOLMN		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	210	42	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	210	42	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	210	42	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	210	42	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	210	42	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	210	84	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	210	84	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	420	210	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	210	84	ug/kg	
132-64-9	Dibenzofuran	ND	210	42	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	420	110	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	420	210	ug/kg	
84-66-2	Diethyl phthalate	ND	420	110	ug/kg	
131-11-3	Dimethyl phthalate	ND	420	110	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	420	210	ug/kg	
206-44-0	Fluoranthene	ND	210	42	ug/kg	
86-73-7	Fluorene	ND	210	42	ug/kg	
118-74-1	Hexachlorobenzene	ND	210	42	ug/kg	
87-68-3	Hexachlorobutadiene	ND	210	84	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	210	84	ug/kg	
67-72-1	Hexachloroethane	ND	210	84	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	210	84	ug/kg	
78-59-1	Isophorone	ND	210	42	ug/kg	
91-57-6	2-Methylnaphthalene	ND	210	42	ug/kg	
88-74-4	2-Nitroaniline	ND	420	110	ug/kg	
99-09-2	3-Nitroaniline	ND	420	110	ug/kg	
100-01-6	4-Nitroaniline	ND	420	150	ug/kg	
91-20-3	Naphthalene	ND	210	42	ug/kg	
98-95-3	Nitrobenzene	ND	210	42	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	210	84	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	210	42	ug/kg	
85-01-8	Phenanthrene	ND	210	42	ug/kg	
129-00-0	Pyrene	ND	210	84	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	210	42	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	72%		45-114%
4165-62-2	Phenol-d5	71%		44-124%
118-79-6	2,4,6-Tribromophenol	80%		50-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB11-33,37		
Lab Sample ID:	F35566-8	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	76.9
Project:	HOLMN		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	68%		41-123%
321-60-8	2-Fluorobiphenyl	74%		46-122%
1718-51-0	Terphenyl-d14	73%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB11-33,37		
Lab Sample ID:	F35566-8	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8015	**Percent Solids:**	76.9
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	HH017179.D	1	10/19/05	AB	n/a	n/a	GHH781
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	4.32 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	9.0	4.5	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	86%		62-135%
98-08-8	aaa-Trifluorotoluene	91%		65-118%

(a) Sample was received in a bulk container but was not preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB11-33,37		
Lab Sample ID:	F35566-8	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	76.9
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	IJ26389.D	1	10/21/05	ME	10/11/05	OP14652	GIJ1246
Run #2							

	Initial Weight	Final Volume
Run #1	30.6 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	11	6.4	mg/kg	
	TPH (> C22-C36)	ND	11	6.4	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	57%		57-115%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB11-54,80		
Lab Sample ID:	F35566-9	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8260B	**Percent Solids:**	76.2
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0035293.D	1	10/20/05	RAW	n/a	n/a	VG1358
Run #2							

	Initial Weight
Run #1	5.04 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	65	33	ug/kg	
75-05-8	Acetonitrile	ND	65	26	ug/kg	
107-02-8	Acrolein	ND	33	16	ug/kg	
107-13-1	Acrylonitrile	ND	33	16	ug/kg	
107-05-1	Allyl chloride	ND	33	6.5	ug/kg	
71-43-2	Benzene	ND	6.5	2.6	ug/kg	
100-44-7	Benzyl Chloride	ND	6.5	3.3	ug/kg	
108-86-1	Bromobenzene	ND	6.5	2.6	ug/kg	
74-97-5	Bromochloromethane	ND	6.5	2.6	ug/kg	
75-27-4	Bromodichloromethane	ND	6.5	2.6	ug/kg	
75-25-2	Bromoform	ND	6.5	2.6	ug/kg	
104-51-8	n-Butylbenzene	ND	6.5	2.6	ug/kg	
135-98-8	sec-Butylbenzene	ND	6.5	2.6	ug/kg	
98-06-6	tert-Butylbenzene	ND	6.5	2.6	ug/kg	
108-90-7	Chlorobenzene	ND	6.5	2.6	ug/kg	
75-00-3	Chloroethane	ND	6.5	2.6	ug/kg	
67-66-3	Chloroform	ND	6.5	2.6	ug/kg	
544-10-5	1-Chlorohexane	ND	6.5	2.6	ug/kg	
95-49-8	o-Chlorotoluene	ND	6.5	2.6	ug/kg	
106-43-4	p-Chlorotoluene	ND	6.5	2.6	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	33	13	ug/kg	
75-15-0	Carbon disulfide	ND	6.5	2.6	ug/kg	
56-23-5	Carbon tetrachloride	ND	6.5	2.6	ug/kg	
75-34-3	1,1-Dichloroethane	ND	6.5	2.6	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	6.5	2.6	ug/kg	
563-58-6	1,1-Dichloropropene	ND	6.5	2.6	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	6.5	2.6	ug/kg	
106-93-4	1,2-Dibromoethane	ND	6.5	2.6	ug/kg	
107-06-2	1,2-Dichloroethane	ND	6.5	2.6	ug/kg	
78-87-5	1,2-Dichloropropane	ND	6.5	2.6	ug/kg	
142-28-9	1,3-Dichloropropane	ND	6.5	2.6	ug/kg	
594-20-7	2,2-Dichloropropane	ND	6.5	2.6	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB11-54,80		
Lab Sample ID:	F35566-9	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8260B	**Percent Solids:**	76.2
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	6.5	2.6	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.5	3.9	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	6.5	2.6	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	6.5	2.6	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	33		ug/kg	
541-73-1	m-Dichlorobenzene	ND	6.5	2.6	ug/kg	
95-50-1	o-Dichlorobenzene	ND	6.5	2.6	ug/kg	
106-46-7	p-Dichlorobenzene	ND	6.5	2.6	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	6.5	2.6	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	6.5	2.6	ug/kg	
100-41-4	Ethylbenzene	ND	6.5	2.6	ug/kg	
97-63-2	Ethyl methacrylate	ND	33	6.5	ug/kg	
76-13-1	Freon 113	ND	6.5	2.6	ug/kg	
591-78-6	2-Hexanone	ND	33	13	ug/kg	
87-68-3	Hexachlorobutadiene	ND	6.5	2.6	ug/kg	
110-54-3	Hexane	ND	6.5	2.6	ug/kg	
98-82-8	Isopropylbenzene	ND	6.5	2.6	ug/kg	
99-87-6	p-Isopropyltoluene	ND	6.5	2.6	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	33	13	ug/kg	
126-98-7	Methacrylonitrile	ND	33	13	ug/kg	
74-83-9	Methyl bromide	ND	6.5	2.6	ug/kg	
74-87-3	Methyl chloride	ND	6.5	2.6	ug/kg	
74-88-4	Methyl iodide	ND	13	2.6	ug/kg	
80-62-6	Methyl methacrylate	ND	33	6.5	ug/kg	
74-95-3	Methylene bromide	ND	6.5	2.6	ug/kg	
75-09-2	Methylene chloride	13.2	13	6.5	ug/kg	
78-93-3	Methyl ethyl ketone	ND	33	13	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	6.5	2.6	ug/kg	
91-20-3	Naphthalene	ND	6.5	2.6	ug/kg	
76-01-7	Pentachloroethane	ND	33	6.5	ug/kg	
107-12-0	Propionitrile	ND	65	13	ug/kg	
103-65-1	n-Propylbenzene	ND	6.5	2.6	ug/kg	
100-42-5	Styrene	ND	6.5	2.6	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	6.5	2.6	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	6.5	2.6	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6.5	2.6	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	6.5	2.6	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.5	2.6	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	6.5	2.6	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.5	2.6	ug/kg	

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B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB11-54,80		
Lab Sample ID:	F35566-9	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8260B	**Percent Solids:**	76.2
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	6.5	2.6	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	6.5	2.6	ug/kg	
127-18-4	Tetrachloroethylene	ND	6.5	2.6	ug/kg	
108-88-3	Toluene	ND	6.5	2.6	ug/kg	
79-01-6	Trichloroethylene	ND	6.5	2.6	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.5	2.6	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	33	13	ug/kg	
75-01-4	Vinyl chloride	ND	6.5	2.6	ug/kg	
108-05-4	Vinyl Acetate	ND	33	13	ug/kg	
	m,p-Xylene	ND	13	3.3	ug/kg	
95-47-6	o-Xylene	ND	6.5	2.6	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		78-123%
2037-26-5	Toluene-D8	94%		71-137%
460-00-4	4-Bromofluorobenzene	88%		61-157%
17060-07-0	1,2-Dichloroethane-D4	94%		74-125%

(a) Sample was received in a bulk container but was not preserved within 48 hours of sampling.

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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB11-54,80		
Lab Sample ID:	F35566-9	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	76.2
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L028160.D	1	10/13/05	NJ	10/11/05	OP14653	SL1475
Run #2							

	Initial Weight	Final Volume
Run #1	30.5 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1100	430	ug/kg	
95-57-8	2-Chlorophenol	ND	220	43	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	220	43	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	220	43	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	220	43	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1100	430	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	430	86	ug/kg	
95-48-7	2-Methylphenol	ND	220	43	ug/kg	
	3&4-Methylphenol	ND	220	43	ug/kg	
88-75-5	2-Nitrophenol	ND	220	43	ug/kg	
100-02-7	4-Nitrophenol	ND	1100	430	ug/kg	
87-86-5	Pentachlorophenol	ND	1100	430	ug/kg	
108-95-2	Phenol	ND	220	43	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	220	43	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	220	43	ug/kg	
83-32-9	Acenaphthene	ND	220	43	ug/kg	
208-96-8	Acenaphthylene	ND	220	43	ug/kg	
120-12-7	Anthracene	ND	220	43	ug/kg	
92-87-5	Benzidine	ND	2200	1100	ug/kg	
56-55-3	Benzo(a)anthracene	ND	220	43	ug/kg	
50-32-8	Benzo(a)pyrene	ND	220	43	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	220	43	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	220	86	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	220	43	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	220	43	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	430	110	ug/kg	
100-51-6	Benzyl Alcohol	ND	220	43	ug/kg	
91-58-7	2-Chloronaphthalene	ND	220	43	ug/kg	
106-47-8	4-Chloroaniline	ND	430	170	ug/kg	
218-01-9	Chrysene	ND	220	43	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	220	43	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	220	86	ug/kg	

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Report of Analysis

Client Sample ID:	WPOL-SB11-54,80		
Lab Sample ID:	F35566-9	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	76.2
Project:	HOLMN		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	220	43	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	220	43	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	220	43	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	220	43	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	220	43	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	220	86	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	220	86	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	430	220	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	220	86	ug/kg	
132-64-9	Dibenzofuran	ND	220	43	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	430	110	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	430	220	ug/kg	
84-66-2	Diethyl phthalate	ND	430	110	ug/kg	
131-11-3	Dimethyl phthalate	ND	430	110	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	430	220	ug/kg	
206-44-0	Fluoranthene	ND	220	43	ug/kg	
86-73-7	Fluorene	ND	220	43	ug/kg	
118-74-1	Hexachlorobenzene	ND	220	43	ug/kg	
87-68-3	Hexachlorobutadiene	ND	220	86	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	220	86	ug/kg	
67-72-1	Hexachloroethane	ND	220	86	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	220	86	ug/kg	
78-59-1	Isophorone	ND	220	43	ug/kg	
91-57-6	2-Methylnaphthalene	ND	220	43	ug/kg	
88-74-4	2-Nitroaniline	ND	430	110	ug/kg	
99-09-2	3-Nitroaniline	ND	430	110	ug/kg	
100-01-6	4-Nitroaniline	ND	430	150	ug/kg	
91-20-3	Naphthalene	ND	220	43	ug/kg	
98-95-3	Nitrobenzene	ND	220	43	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	220	86	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	220	43	ug/kg	
85-01-8	Phenanthrene	ND	220	43	ug/kg	
129-00-0	Pyrene	ND	220	86	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	220	43	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	68%		45-114%
4165-62-2	Phenol-d5	67%		44-124%
118-79-6	2,4,6-Tribromophenol	77%		50-128%

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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB11-54,80		
Lab Sample ID:	F35566-9	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	76.2
Project:	HOLMN		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	64%		41-123%
321-60-8	2-Fluorobiphenyl	70%		46-122%
1718-51-0	Terphenyl-d14	70%		45-135%

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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB11-54,80		
Lab Sample ID:	F35566-9	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8015	**Percent Solids:**	76.2
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	HH017173.D	1	10/19/05	AB	n/a	n/a	GHH781
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	7.23 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	6.1	3.0	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	85%		62-135%
98-08-8	aaa-Trifluorotoluene	91%		65-118%

(a) Sample was received in a bulk container but was not preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB11-54,80		
Lab Sample ID:	F35566-9	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	76.2
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	IJ26342.D	1	10/19/05	SD	10/11/05	OP14652	GIJ1245
Run #2							

	Initial Weight	Final Volume
Run #1	30.9 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	11	6.4	mg/kg	
	TPH (> C22-C36)	ND	11	6.4	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	72%		57-115%

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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB12-4,11		
Lab Sample ID:	F35566-10	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8260B	**Percent Solids:**	73.9
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0035294.D	1	10/20/05	RAW	n/a	n/a	VG1358
Run #2							

	Initial Weight
Run #1	5.70 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	59	30	ug/kg	
75-05-8	Acetonitrile	ND	59	24	ug/kg	
107-02-8	Acrolein	ND	30	15	ug/kg	
107-13-1	Acrylonitrile	ND	30	15	ug/kg	
107-05-1	Allyl chloride	ND	30	5.9	ug/kg	
71-43-2	Benzene	ND	5.9	2.4	ug/kg	
100-44-7	Benzyl Chloride	ND	5.9	3.0	ug/kg	
108-86-1	Bromobenzene	ND	5.9	2.4	ug/kg	
74-97-5	Bromochloromethane	ND	5.9	2.4	ug/kg	
75-27-4	Bromodichloromethane	ND	5.9	2.4	ug/kg	
75-25-2	Bromoform	ND	5.9	2.4	ug/kg	
104-51-8	n-Butylbenzene	ND	5.9	2.4	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.9	2.4	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.9	2.4	ug/kg	
108-90-7	Chlorobenzene	ND	5.9	2.4	ug/kg	
75-00-3	Chloroethane	ND	5.9	2.4	ug/kg	
67-66-3	Chloroform	ND	5.9	2.4	ug/kg	
544-10-5	1-Chlorohexane	ND	5.9	2.4	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.9	2.4	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.9	2.4	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	30	12	ug/kg	
75-15-0	Carbon disulfide	ND	5.9	2.4	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.9	2.4	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.9	2.4	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	5.9	2.4	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.9	2.4	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.9	2.4	ug/kg	
106-93-4	1,2-Dibromoethane	ND	5.9	2.4	ug/kg	
107-06-2	1,2-Dichloroethane	ND	5.9	2.4	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.9	2.4	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.9	2.4	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.9	2.4	ug/kg	

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RL = Reporting Limit
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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB12-4,11		
Lab Sample ID:	F35566-10	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8260B	**Percent Solids:**	73.9
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	5.9	2.4	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.9	3.6	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	5.9	2.4	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.9	2.4	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	30		ug/kg	
541-73-1	m-Dichlorobenzene	ND	5.9	2.4	ug/kg	
95-50-1	o-Dichlorobenzene	ND	5.9	2.4	ug/kg	
106-46-7	p-Dichlorobenzene	ND	5.9	2.4	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	5.9	2.4	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.9	2.4	ug/kg	
100-41-4	Ethylbenzene	ND	5.9	2.4	ug/kg	
97-63-2	Ethyl methacrylate	ND	30	5.9	ug/kg	
76-13-1	Freon 113	ND	5.9	2.4	ug/kg	
591-78-6	2-Hexanone	ND	30	12	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.9	2.4	ug/kg	
110-54-3	Hexane	ND	5.9	2.4	ug/kg	
98-82-8	Isopropylbenzene	ND	5.9	2.4	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.9	2.4	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	30	12	ug/kg	
126-98-7	Methacrylonitrile	ND	30	12	ug/kg	
74-83-9	Methyl bromide	ND	5.9	2.4	ug/kg	
74-87-3	Methyl chloride	ND	5.9	2.4	ug/kg	
74-88-4	Methyl iodide	ND	12	2.4	ug/kg	
80-62-6	Methyl methacrylate	ND	30	5.9	ug/kg	
74-95-3	Methylene bromide	ND	5.9	2.4	ug/kg	
75-09-2	Methylene chloride	10.6	12	5.9	ug/kg	J
78-93-3	Methyl ethyl ketone	ND	30	12	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.9	2.4	ug/kg	
91-20-3	Naphthalene	ND	5.9	2.4	ug/kg	
76-01-7	Pentachloroethane	ND	30	5.9	ug/kg	
107-12-0	Propionitrile	ND	59	12	ug/kg	
103-65-1	n-Propylbenzene	ND	5.9	2.4	ug/kg	
100-42-5	Styrene	ND	5.9	2.4	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.9	2.4	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.9	2.4	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.9	2.4	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.9	2.4	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.9	2.4	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.9	2.4	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.9	2.4	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB12-4,11		
Lab Sample ID:	F35566-10	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8260B	**Percent Solids:**	73.9
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	5.9	2.4	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.9	2.4	ug/kg	
127-18-4	Tetrachloroethylene	ND	5.9	2.4	ug/kg	
108-88-3	Toluene	ND	5.9	2.4	ug/kg	
79-01-6	Trichloroethylene	ND	5.9	2.4	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.9	2.4	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	30	12	ug/kg	
75-01-4	Vinyl chloride	ND	5.9	2.4	ug/kg	
108-05-4	Vinyl Acetate	ND	30	12	ug/kg	
	m,p-Xylene	ND	12	3.0	ug/kg	
95-47-6	o-Xylene	ND	5.9	2.4	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		78-123%
2037-26-5	Toluene-D8	91%		71-137%
460-00-4	4-Bromofluorobenzene	86%		61-157%
17060-07-0	1,2-Dichloroethane-D4	97%		74-125%

(a) Sample was received in a bulk container but was not preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB12-4,11		
Lab Sample ID:	F35566-10	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	73.9
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L028161.D	1	10/13/05	NJ	10/11/05	OP14653	SL1475
Run #2							

	Initial Weight	Final Volume
Run #1	30.4 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1100	450	ug/kg	
95-57-8	2-Chlorophenol	ND	220	45	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	220	45	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	220	45	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	220	45	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1100	450	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	450	89	ug/kg	
95-48-7	2-Methylphenol	ND	220	45	ug/kg	
	3&4-Methylphenol	ND	220	45	ug/kg	
88-75-5	2-Nitrophenol	ND	220	45	ug/kg	
100-02-7	4-Nitrophenol	ND	1100	450	ug/kg	
87-86-5	Pentachlorophenol	ND	1100	450	ug/kg	
108-95-2	Phenol	ND	220	45	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	220	45	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	220	45	ug/kg	
83-32-9	Acenaphthene	ND	220	45	ug/kg	
208-96-8	Acenaphthylene	ND	220	45	ug/kg	
120-12-7	Anthracene	ND	220	45	ug/kg	
92-87-5	Benzidine	ND	2200	1100	ug/kg	
56-55-3	Benzo(a)anthracene	ND	220	45	ug/kg	
50-32-8	Benzo(a)pyrene	ND	220	45	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	220	45	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	220	89	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	220	45	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	220	45	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	450	110	ug/kg	
100-51-6	Benzyl Alcohol	ND	220	45	ug/kg	
91-58-7	2-Chloronaphthalene	ND	220	45	ug/kg	
106-47-8	4-Chloroaniline	ND	450	180	ug/kg	
218-01-9	Chrysene	ND	220	45	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	220	45	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	220	89	ug/kg	

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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB12-4,11		
Lab Sample ID:	F35566-10	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	73.9
Project:	HOLMN		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	220	45	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	220	45	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	220	45	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	220	45	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	220	45	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	220	89	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	220	89	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	450	220	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	220	89	ug/kg	
132-64-9	Dibenzofuran	ND	220	45	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	450	110	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	450	220	ug/kg	
84-66-2	Diethyl phthalate	ND	450	110	ug/kg	
131-11-3	Dimethyl phthalate	ND	450	110	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	450	220	ug/kg	
206-44-0	Fluoranthene	ND	220	45	ug/kg	
86-73-7	Fluorene	ND	220	45	ug/kg	
118-74-1	Hexachlorobenzene	ND	220	45	ug/kg	
87-68-3	Hexachlorobutadiene	ND	220	89	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	220	89	ug/kg	
67-72-1	Hexachloroethane	ND	220	89	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	220	89	ug/kg	
78-59-1	Isophorone	ND	220	45	ug/kg	
91-57-6	2-Methylnaphthalene	ND	220	45	ug/kg	
88-74-4	2-Nitroaniline	ND	450	110	ug/kg	
99-09-2	3-Nitroaniline	ND	450	110	ug/kg	
100-01-6	4-Nitroaniline	ND	450	160	ug/kg	
91-20-3	Naphthalene	ND	220	45	ug/kg	
98-95-3	Nitrobenzene	ND	220	45	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	220	89	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	220	45	ug/kg	
85-01-8	Phenanthrene	ND	220	45	ug/kg	
129-00-0	Pyrene	ND	220	89	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	220	45	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	77%		45-114%
4165-62-2	Phenol-d5	76%		44-124%
118-79-6	2,4,6-Tribromophenol	87%		50-128%

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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB12-4,11		
Lab Sample ID:	F35566-10	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	73.9
Project:	HOLMN		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	74%		41-123%
321-60-8	2-Fluorobiphenyl	79%		46-122%
1718-51-0	Terphenyl-d14	80%		45-135%

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B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB12-4,11		
Lab Sample ID:	F35566-10	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8015	**Percent Solids:**	73.9
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	HH017174.D	1	10/19/05	AB	n/a	n/a	GHH781
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.79 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	7.6	3.8	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	86%		62-135%
98-08-8	aaa-Trifluorotoluene	92%		65-118%

(a) Sample was received in a bulk container but was not preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB12-4,11		
Lab Sample ID:	F35566-10	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	73.9
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	IJ26343.D	1	10/20/05	SD	10/11/05	OP14652	GIJ1245
Run #2							

	Initial Weight	Final Volume
Run #1	30.0 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	11	6.8	mg/kg	
	TPH (> C22-C36)	ND	11	6.8	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	73%		57-115%

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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB12-32,41		
Lab Sample ID:	F35566-11	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8260B	**Percent Solids:**	70.8
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0035295.D	1	10/20/05	RAW	n/a	n/a	VG1358
Run #2							

	Initial Weight
Run #1	5.78 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	61	31	ug/kg	
75-05-8	Acetonitrile	ND	61	24	ug/kg	
107-02-8	Acrolein	ND	31	15	ug/kg	
107-13-1	Acrylonitrile	ND	31	15	ug/kg	
107-05-1	Allyl chloride	ND	31	6.1	ug/kg	
71-43-2	Benzene	ND	6.1	2.4	ug/kg	
100-44-7	Benzyl Chloride	ND	6.1	3.1	ug/kg	
108-86-1	Bromobenzene	ND	6.1	2.4	ug/kg	
74-97-5	Bromochloromethane	ND	6.1	2.4	ug/kg	
75-27-4	Bromodichloromethane	ND	6.1	2.4	ug/kg	
75-25-2	Bromoform	ND	6.1	2.4	ug/kg	
104-51-8	n-Butylbenzene	ND	6.1	2.4	ug/kg	
135-98-8	sec-Butylbenzene	ND	6.1	2.4	ug/kg	
98-06-6	tert-Butylbenzene	ND	6.1	2.4	ug/kg	
108-90-7	Chlorobenzene	ND	6.1	2.4	ug/kg	
75-00-3	Chloroethane	ND	6.1	2.4	ug/kg	
67-66-3	Chloroform	ND	6.1	2.4	ug/kg	
544-10-5	1-Chlorohexane	ND	6.1	2.4	ug/kg	
95-49-8	o-Chlorotoluene	ND	6.1	2.4	ug/kg	
106-43-4	p-Chlorotoluene	ND	6.1	2.4	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	31	12	ug/kg	
75-15-0	Carbon disulfide	ND	6.1	2.4	ug/kg	
56-23-5	Carbon tetrachloride	ND	6.1	2.4	ug/kg	
75-34-3	1,1-Dichloroethane	ND	6.1	2.4	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	6.1	2.4	ug/kg	
563-58-6	1,1-Dichloropropene	ND	6.1	2.4	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	6.1	2.4	ug/kg	
106-93-4	1,2-Dibromoethane	ND	6.1	2.4	ug/kg	
107-06-2	1,2-Dichloroethane	ND	6.1	2.4	ug/kg	
78-87-5	1,2-Dichloropropane	ND	6.1	2.4	ug/kg	
142-28-9	1,3-Dichloropropane	ND	6.1	2.4	ug/kg	
594-20-7	2,2-Dichloropropane	ND	6.1	2.4	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB12-32,41		
Lab Sample ID:	F35566-11	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8260B	**Percent Solids:**	70.8
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	6.1	2.4	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.1	3.7	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	6.1	2.4	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	6.1	2.4	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	31		ug/kg	
541-73-1	m-Dichlorobenzene	ND	6.1	2.4	ug/kg	
95-50-1	o-Dichlorobenzene	ND	6.1	2.4	ug/kg	
106-46-7	p-Dichlorobenzene	ND	6.1	2.4	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	6.1	2.4	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	6.1	2.4	ug/kg	
100-41-4	Ethylbenzene	ND	6.1	2.4	ug/kg	
97-63-2	Ethyl methacrylate	ND	31	6.1	ug/kg	
76-13-1	Freon 113	ND	6.1	2.4	ug/kg	
591-78-6	2-Hexanone	ND	31	12	ug/kg	
87-68-3	Hexachlorobutadiene	ND	6.1	2.4	ug/kg	
110-54-3	Hexane	ND	6.1	2.4	ug/kg	
98-82-8	Isopropylbenzene	ND	6.1	2.4	ug/kg	
99-87-6	p-Isopropyltoluene	ND	6.1	2.4	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	31	12	ug/kg	
126-98-7	Methacrylonitrile	ND	31	12	ug/kg	
74-83-9	Methyl bromide	ND	6.1	2.4	ug/kg	
74-87-3	Methyl chloride	ND	6.1	2.4	ug/kg	
74-88-4	Methyl iodide	ND	12	2.4	ug/kg	
80-62-6	Methyl methacrylate	ND	31	6.1	ug/kg	
74-95-3	Methylene bromide	ND	6.1	2.4	ug/kg	
75-09-2	Methylene chloride	8.1	12	6.1	ug/kg	J
78-93-3	Methyl ethyl ketone	ND	31	12	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	6.1	2.4	ug/kg	
91-20-3	Naphthalene	ND	6.1	2.4	ug/kg	
76-01-7	Pentachloroethane	ND	31	6.1	ug/kg	
107-12-0	Propionitrile	ND	61	12	ug/kg	
103-65-1	n-Propylbenzene	ND	6.1	2.4	ug/kg	
100-42-5	Styrene	ND	6.1	2.4	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	6.1	2.4	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	6.1	2.4	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6.1	2.4	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	6.1	2.4	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.1	2.4	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	6.1	2.4	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.1	2.4	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB12-32,41		
Lab Sample ID:	F35566-11	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8260B	**Percent Solids:**	70.8
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	6.1	2.4	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	6.1	2.4	ug/kg	
127-18-4	Tetrachloroethylene	ND	6.1	2.4	ug/kg	
108-88-3	Toluene	ND	6.1	2.4	ug/kg	
79-01-6	Trichloroethylene	ND	6.1	2.4	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.1	2.4	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	31	12	ug/kg	
75-01-4	Vinyl chloride	ND	6.1	2.4	ug/kg	
108-05-4	Vinyl Acetate	ND	31	12	ug/kg	
	m,p-Xylene	ND	12	3.1	ug/kg	
95-47-6	o-Xylene	ND	6.1	2.4	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		78-123%
2037-26-5	Toluene-D8	93%		71-137%
460-00-4	4-Bromofluorobenzene	86%		61-157%
17060-07-0	1,2-Dichloroethane-D4	88%		74-125%

(a) Sample was received in a bulk container but was not preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB12-32,41		
Lab Sample ID:	F35566-11	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	70.8
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L028162.D	1	10/13/05	NJ	10/11/05	OP14653	SL1475
Run #2							

	Initial Weight	Final Volume
Run #1	30.2 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1200	470	ug/kg	
95-57-8	2-Chlorophenol	ND	230	47	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	230	47	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	230	47	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	230	47	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1200	470	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	470	94	ug/kg	
95-48-7	2-Methylphenol	ND	230	47	ug/kg	
	3&4-Methylphenol	ND	230	47	ug/kg	
88-75-5	2-Nitrophenol	ND	230	47	ug/kg	
100-02-7	4-Nitrophenol	ND	1200	470	ug/kg	
87-86-5	Pentachlorophenol	ND	1200	470	ug/kg	
108-95-2	Phenol	ND	230	47	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	230	47	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	230	47	ug/kg	
83-32-9	Acenaphthene	ND	230	47	ug/kg	
208-96-8	Acenaphthylene	ND	230	47	ug/kg	
120-12-7	Anthracene	ND	230	47	ug/kg	
92-87-5	Benzidine	ND	2300	1200	ug/kg	
56-55-3	Benzo(a)anthracene	ND	230	47	ug/kg	
50-32-8	Benzo(a)pyrene	ND	230	47	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	230	47	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	230	94	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	230	47	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	230	47	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	470	120	ug/kg	
100-51-6	Benzyl Alcohol	ND	230	47	ug/kg	
91-58-7	2-Chloronaphthalene	ND	230	47	ug/kg	
106-47-8	4-Chloroaniline	ND	470	190	ug/kg	
218-01-9	Chrysene	ND	230	47	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	230	47	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	230	94	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB12-32,41		
Lab Sample ID:	F35566-11	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	70.8
Project:	HOLMN		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	230	47	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	230	47	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	230	47	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	230	47	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	230	47	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	230	94	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	230	94	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	470	230	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	230	94	ug/kg	
132-64-9	Dibenzofuran	ND	230	47	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	470	120	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	470	230	ug/kg	
84-66-2	Diethyl phthalate	ND	470	120	ug/kg	
131-11-3	Dimethyl phthalate	ND	470	120	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	470	230	ug/kg	
206-44-0	Fluoranthene	ND	230	47	ug/kg	
86-73-7	Fluorene	ND	230	47	ug/kg	
118-74-1	Hexachlorobenzene	ND	230	47	ug/kg	
87-68-3	Hexachlorobutadiene	ND	230	94	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	230	94	ug/kg	
67-72-1	Hexachloroethane	ND	230	94	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	230	94	ug/kg	
78-59-1	Isophorone	ND	230	47	ug/kg	
91-57-6	2-Methylnaphthalene	ND	230	47	ug/kg	
88-74-4	2-Nitroaniline	ND	470	120	ug/kg	
99-09-2	3-Nitroaniline	ND	470	120	ug/kg	
100-01-6	4-Nitroaniline	ND	470	160	ug/kg	
91-20-3	Naphthalene	ND	230	47	ug/kg	
98-95-3	Nitrobenzene	ND	230	47	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	230	94	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	230	47	ug/kg	
85-01-8	Phenanthrene	ND	230	47	ug/kg	
129-00-0	Pyrene	ND	230	94	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	230	47	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	68%		45-114%
4165-62-2	Phenol-d5	68%		44-124%
118-79-6	2,4,6-Tribromophenol	79%		50-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB12-32,41		
Lab Sample ID:	F35566-11	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	70.8
Project:	HOLMN		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	63%		41-123%
321-60-8	2-Fluorobiphenyl	71%		46-122%
1718-51-0	Terphenyl-d14	73%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB12-32,41		
Lab Sample ID:	F35566-11	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8015	**Percent Solids:**	70.8
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	HH017175.D	1	10/19/05	AB	n/a	n/a	GHH781
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	4.43 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	10	5.0	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	85%		62-135%
98-08-8	aaa-Trifluorotoluene	91%		65-118%

(a) Sample was received in a bulk container but was not preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB12-32,41		
Lab Sample ID:	F35566-11	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	70.8
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	IJ26344.D	1	10/20/05	SD	10/11/05	OP14652	GIJ1245
Run #2							

	Initial Weight	Final Volume
Run #1	30.5 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	12	6.9	mg/kg	
	TPH (> C22-C36)	ND	12	6.9	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	84%		57-115%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB12-61,69		
Lab Sample ID:	F35566-12	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8260B	**Percent Solids:**	70.8
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0035296.D	1	10/20/05	RAW	n/a	n/a	VG1358
Run #2							

	Initial Weight
Run #1	4.92 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	72	36	ug/kg	
75-05-8	Acetonitrile	ND	72	29	ug/kg	
107-02-8	Acrolein	ND	36	18	ug/kg	
107-13-1	Acrylonitrile	ND	36	18	ug/kg	
107-05-1	Allyl chloride	ND	36	7.2	ug/kg	
71-43-2	Benzene	ND	7.2	2.9	ug/kg	
100-44-7	Benzyl Chloride	ND	7.2	3.6	ug/kg	
108-86-1	Bromobenzene	ND	7.2	2.9	ug/kg	
74-97-5	Bromochloromethane	ND	7.2	2.9	ug/kg	
75-27-4	Bromodichloromethane	ND	7.2	2.9	ug/kg	
75-25-2	Bromoform	ND	7.2	2.9	ug/kg	
104-51-8	n-Butylbenzene	ND	7.2	2.9	ug/kg	
135-98-8	sec-Butylbenzene	ND	7.2	2.9	ug/kg	
98-06-6	tert-Butylbenzene	ND	7.2	2.9	ug/kg	
108-90-7	Chlorobenzene	ND	7.2	2.9	ug/kg	
75-00-3	Chloroethane	ND	7.2	2.9	ug/kg	
67-66-3	Chloroform	ND	7.2	2.9	ug/kg	
544-10-5	1-Chlorohexane	ND	7.2	2.9	ug/kg	
95-49-8	o-Chlorotoluene	ND	7.2	2.9	ug/kg	
106-43-4	p-Chlorotoluene	ND	7.2	2.9	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	36	14	ug/kg	
75-15-0	Carbon disulfide	ND	7.2	2.9	ug/kg	
56-23-5	Carbon tetrachloride	ND	7.2	2.9	ug/kg	
75-34-3	1,1-Dichloroethane	ND	7.2	2.9	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	7.2	2.9	ug/kg	
563-58-6	1,1-Dichloropropene	ND	7.2	2.9	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	7.2	2.9	ug/kg	
106-93-4	1,2-Dibromoethane	ND	7.2	2.9	ug/kg	
107-06-2	1,2-Dichloroethane	ND	7.2	2.9	ug/kg	
78-87-5	1,2-Dichloropropane	ND	7.2	2.9	ug/kg	
142-28-9	1,3-Dichloropropane	ND	7.2	2.9	ug/kg	
594-20-7	2,2-Dichloropropane	ND	7.2	2.9	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB12-61,69		
Lab Sample ID:	F35566-12	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8260B	**Percent Solids:**	70.8
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	7.2	2.9	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	7.2	4.3	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	7.2	2.9	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	7.2	2.9	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	36		ug/kg	
541-73-1	m-Dichlorobenzene	ND	7.2	2.9	ug/kg	
95-50-1	o-Dichlorobenzene	ND	7.2	2.9	ug/kg	
106-46-7	p-Dichlorobenzene	ND	7.2	2.9	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	7.2	2.9	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	7.2	2.9	ug/kg	
100-41-4	Ethylbenzene	ND	7.2	2.9	ug/kg	
97-63-2	Ethyl methacrylate	ND	36	7.2	ug/kg	
76-13-1	Freon 113	ND	7.2	2.9	ug/kg	
591-78-6	2-Hexanone	ND	36	14	ug/kg	
87-68-3	Hexachlorobutadiene	ND	7.2	2.9	ug/kg	
110-54-3	Hexane	ND	7.2	2.9	ug/kg	
98-82-8	Isopropylbenzene	ND	7.2	2.9	ug/kg	
99-87-6	p-Isopropyltoluene	ND	7.2	2.9	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	36	14	ug/kg	
126-98-7	Methacrylonitrile	ND	36	14	ug/kg	
74-83-9	Methyl bromide	ND	7.2	2.9	ug/kg	
74-87-3	Methyl chloride	ND	7.2	2.9	ug/kg	
74-88-4	Methyl iodide	ND	14	2.9	ug/kg	
80-62-6	Methyl methacrylate	ND	36	7.2	ug/kg	
74-95-3	Methylene bromide	ND	7.2	2.9	ug/kg	
75-09-2	Methylene chloride	ND	14	7.2	ug/kg	
78-93-3	Methyl ethyl ketone	ND	36	14	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	7.2	2.9	ug/kg	
91-20-3	Naphthalene	ND	7.2	2.9	ug/kg	
76-01-7	Pentachloroethane	ND	36	7.2	ug/kg	
107-12-0	Propionitrile	ND	72	14	ug/kg	
103-65-1	n-Propylbenzene	ND	7.2	2.9	ug/kg	
100-42-5	Styrene	ND	7.2	2.9	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	7.2	2.9	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	7.2	2.9	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	7.2	2.9	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	7.2	2.9	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	7.2	2.9	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	7.2	2.9	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	7.2	2.9	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB12-61,69		
Lab Sample ID:	F35566-12	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8260B	**Percent Solids:**	70.8
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	7.2	2.9	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	7.2	2.9	ug/kg	
127-18-4	Tetrachloroethylene	ND	7.2	2.9	ug/kg	
108-88-3	Toluene	ND	7.2	2.9	ug/kg	
79-01-6	Trichloroethylene	ND	7.2	2.9	ug/kg	
75-69-4	Trichlorofluoromethane	ND	7.2	2.9	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	36	14	ug/kg	
75-01-4	Vinyl chloride	ND	7.2	2.9	ug/kg	
108-05-4	Vinyl Acetate	ND	36	14	ug/kg	
	m,p-Xylene	ND	14	3.6	ug/kg	
95-47-6	o-Xylene	ND	7.2	2.9	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		78-123%
2037-26-5	Toluene-D8	92%		71-137%
460-00-4	4-Bromofluorobenzene	87%		61-157%
17060-07-0	1,2-Dichloroethane-D4	90%		74-125%

(a) Sample was received in a bulk container but was not preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB12-61,69		
Lab Sample ID:	F35566-12	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	70.8
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L028163.D	1	10/13/05	NJ	10/11/05	OP14653	SL1475
Run #2							

	Initial Weight	Final Volume
Run #1	30.9 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1100	460	ug/kg	
95-57-8	2-Chlorophenol	ND	230	46	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	230	46	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	230	46	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	230	46	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1100	460	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	460	91	ug/kg	
95-48-7	2-Methylphenol	ND	230	46	ug/kg	
	3&4-Methylphenol	ND	230	46	ug/kg	
88-75-5	2-Nitrophenol	ND	230	46	ug/kg	
100-02-7	4-Nitrophenol	ND	1100	460	ug/kg	
87-86-5	Pentachlorophenol	ND	1100	460	ug/kg	
108-95-2	Phenol	ND	230	46	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	230	46	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	230	46	ug/kg	
83-32-9	Acenaphthene	ND	230	46	ug/kg	
208-96-8	Acenaphthylene	ND	230	46	ug/kg	
120-12-7	Anthracene	ND	230	46	ug/kg	
92-87-5	Benzidine	ND	2300	1100	ug/kg	
56-55-3	Benzo(a)anthracene	ND	230	46	ug/kg	
50-32-8	Benzo(a)pyrene	ND	230	46	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	230	46	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	230	91	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	230	46	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	230	46	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	460	110	ug/kg	
100-51-6	Benzyl Alcohol	ND	230	46	ug/kg	
91-58-7	2-Chloronaphthalene	ND	230	46	ug/kg	
106-47-8	4-Chloroaniline	ND	460	180	ug/kg	
218-01-9	Chrysene	ND	230	46	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	230	46	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	230	91	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB12-61,69		
Lab Sample ID:	F35566-12	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	70.8
Project:	HOLMN		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	230	46	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	230	46	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	230	46	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	230	46	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	230	46	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	230	91	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	230	91	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	460	230	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	230	91	ug/kg	
132-64-9	Dibenzofuran	ND	230	46	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	460	110	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	460	230	ug/kg	
84-66-2	Diethyl phthalate	ND	460	110	ug/kg	
131-11-3	Dimethyl phthalate	ND	460	110	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	460	230	ug/kg	
206-44-0	Fluoranthene	ND	230	46	ug/kg	
86-73-7	Fluorene	ND	230	46	ug/kg	
118-74-1	Hexachlorobenzene	ND	230	46	ug/kg	
87-68-3	Hexachlorobutadiene	ND	230	91	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	230	91	ug/kg	
67-72-1	Hexachloroethane	ND	230	91	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	230	91	ug/kg	
78-59-1	Isophorone	ND	230	46	ug/kg	
91-57-6	2-Methylnaphthalene	ND	230	46	ug/kg	
88-74-4	2-Nitroaniline	ND	460	110	ug/kg	
99-09-2	3-Nitroaniline	ND	460	110	ug/kg	
100-01-6	4-Nitroaniline	ND	460	160	ug/kg	
91-20-3	Naphthalene	ND	230	46	ug/kg	
98-95-3	Nitrobenzene	ND	230	46	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	230	91	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	230	46	ug/kg	
85-01-8	Phenanthrene	ND	230	46	ug/kg	
129-00-0	Pyrene	ND	230	91	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	230	46	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	70%		45-114%
4165-62-2	Phenol-d5	71%		44-124%
118-79-6	2,4,6-Tribromophenol	80%		50-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB12-61,69		
Lab Sample ID:	F35566-12	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	70.8
Project:	HOLMN		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	68%		41-123%
321-60-8	2-Fluorobiphenyl	74%		46-122%
1718-51-0	Terphenyl-d14	77%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB12-61,69		
Lab Sample ID:	F35566-12	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8015	**Percent Solids:**	70.8
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	HH017176.D	1	10/19/05	AB	n/a	n/a	GHH781
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	4.22 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	10	5.2	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	85%		62-135%
98-08-8	aaa-Trifluorotoluene	91%		65-118%

(a) Sample was received in a bulk container but was not preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB12-61,69		
Lab Sample ID:	F35566-12	**Date Sampled:**	10/06/05
Matrix:	SO - Soil	**Date Received:**	10/08/05
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	70.8
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	IJ26345.D	1	10/20/05	SD	10/11/05	OP14652	GIJ1245
Run #2							

	Initial Weight	Final Volume
Run #1	30.3 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	12	7.0	mg/kg	
	TPH (> C22-C36)	ND	12	7.0	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	77%		57-115%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	F35566-13	**Date Sampled:**	10/06/05
Matrix:	AQ - Trip Blank Soil	**Date Received:**	10/08/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J018532.D	1	10/14/05	MM	n/a	n/a	VJ766
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	5.0	ug/l	
75-05-8	Acetonitrile	ND	20	10	ug/l	
107-02-8	Acrolein	ND	10	5.0	ug/l	
107-13-1	Acrylonitrile	ND	10	5.0	ug/l	
107-05-1	Allyl chloride	ND	10	5.0	ug/l	
71-43-2	Benzene	ND	1.0	0.50	ug/l	
100-44-7	Benzyl Chloride	ND	1.0	0.60	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.50	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.50	ug/l	
75-25-2	Bromoform	ND	1.0	0.50	ug/l	
104-51-8	n-Butylbenzene	ND	1.0	0.50	ug/l	
135-98-8	sec-Butylbenzene	ND	1.0	0.50	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
75-00-3	Chloroethane	ND	2.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
544-10-5	1-Chlorohexane	ND	2.0	1.0	ug/l	
95-49-8	o-Chlorotoluene	ND	1.0	0.50	ug/l	
106-43-4	p-Chlorotoluene	ND	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
75-15-0	Carbon disulfide	ND	2.0	1.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.50	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.50	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.50	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	F35566-13	**Date Sampled:**	10/06/05
Matrix:	AQ - Trip Blank Soil	**Date Received:**	10/08/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	10		ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
97-63-2	Ethyl methacrylate	ND	5.0	2.0	ug/l	
76-13-1	Freon 113	ND	1.0	0.60	ug/l	
591-78-6	2-Hexanone	ND	5.0	2.5	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.50	ug/l	
110-54-3	Hexane	ND	2.0	1.0	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.50	ug/l	
99-87-6	p-Isopropyltoluene	ND	1.0	0.50	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	5.0	2.5	ug/l	
126-98-7	Methacrylonitrile	ND	20	10	ug/l	
74-83-9	Methyl bromide	ND	2.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	2.0	1.0	ug/l	
74-88-4	Methyl iodide	ND	5.0	2.5	ug/l	
80-62-6	Methyl methacrylate	ND	5.0	2.5	ug/l	
74-95-3	Methylene bromide	ND	2.0	0.50	ug/l	
75-09-2	Methylene chloride	ND	5.0	1.0	ug/l	
78-93-3	Methyl ethyl ketone	ND	5.0	2.5	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
91-20-3	Naphthalene	ND	2.0	1.0	ug/l	
76-01-7	Pentachloroethane	ND	10	5.0	ug/l	
107-12-0	Propionitrile	ND	20	10	ug/l	
103-65-1	n-Propylbenzene	ND	1.0	0.50	ug/l	
100-42-5	Styrene	ND	1.0	0.50	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.40	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.50	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	F35566-13	**Date Sampled:**	10/06/05
Matrix:	AQ - Trip Blank Soil	**Date Received:**	10/08/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.50	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.50	ug/l	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	10	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.50	ug/l	
108-05-4	Vinyl Acetate	ND	10	5.0	ug/l	
	m,p-Xylene	ND	2.0	0.50	ug/l	
95-47-6	o-Xylene	ND	1.0	0.50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		86-115%
17060-07-0	1,2-Dichloroethane-D4	121%		73-126%
2037-26-5	Toluene-D8	97%		86-112%
460-00-4	4-Bromofluorobenzene	114%		83-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

F35566

BHATE

Environmental Engineers and Scientists

Chain of Custody and Analytical Request

Page 1 of 2

Project Number: 9040238.11

P.O. NA

Chain of Custody Number [1]:100720051

LIMS Number: NA

Facility/Base I.D.: HOLMN

Project Name / Site Name: West POL

Client Name: USACE

Collected by: K. Germann

	Field Sample ID (10 Characters Max)	BRPIMS 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+Hexane	SVOCs 8270	8015B Carbon Chain						MATRIX DESCRIPTION	Cooler ID
1	WPOL-SB09-4,16	WPOL	6-Oct-05	8:00	4"	16"	N	1	SO	1	X	X	X						Investigative Soil Boring	1
2	WPOL-SB09-34,43	WPOL	6-Oct-05	8:10	34"	43"	N	1	SO	1	X	X	X						Investigative Soil Boring	1
3	WPOL-SB09-63-71	WPOL	6-Oct-05	8:20	63"	71"	N	1	SO	1	X	X	X						Investigative Soil Boring	1
4	WPOL-SB010-30,34	WPOL	6-Oct-05	8:30	30"	34"	N	1	SO	2	X	X	X						Investigative Soil Boring	1
5	WPOL-SB010-56,62	WPOL	6-Oct-05	8:40	56"	62"	N	1	SO	2	X	X	X						Investigative Soil Boring	1
6	WPOL-SB010-93,104	WPOL	6-Oct-05	8:50	93"	104"	N	1	SO	2	X	X	X						Investigative Soil Boring	1
7	WPOL-SB011-0,6	WPOL	6-Oct-05	9:00	0.00	6"	N	1	SO	2	X	X	X						Investigative Soil Boring	1
8	WPOL-SB011-33,37	WPOL	6-Oct-05	9:10	33"	37"	N	1	SO	2	X	X	X						Investigative Soil Boring	1
9	WPOL-SB011-54,80	WPOL	6-Oct-05	9:20	54"	80"	N	1	SO	2	X	X	X						Investigative Soil Boring	1
10	WPOL-SB012-4,11	WPOL	6-Oct-05	9:30	4"	11"	N	1	SO	2	X	X	X						Investigative Soil Boring	1

Sample Analysis Requested [5]

Quality Assurance Samples [6]

Accutest Laboratories
4405 Vineland Road suite C-15
Orlando, FL 32811
Fax analytical results to: 505-679-2148

Email results to: rrenvironmental@zianet.com, dmedey@bhate.com, mdauben@bhate.com, keving@zianet.com

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received (signed)	Date	Time
1.	10/07/2005 @ 1600		1. FX		
2. FX			2. Steve Brown	10-5-05	9:00
3.			3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab: ____ Shipped No.: ____

Method of Shipment: Fed Ex Airbill Number: 849314272171

Analytical Lab: Accutest Delivery Location: Orlando, FL

Lab Recipient: ____ Delivery Date/Time: ____

2.6

1.) Chain of Custody Number = date collected + custody number (e.g. 09-09-1999-01)

2.) Sample Type (SA) Codes: N = Normal Sample, TB = Trip Blank (-t) Sample, FD = Field Duplicate (-b) Samples, FR = Field Replicate (-d) Samples, EB = Equipment Blank (-e) Samples, MS = Matrix Spike, SD = Matrix Spike Duplicate, AB = Ambient Blank (-a)

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, SB = 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

4.1

4

F35566: Chain of Custody
Page 1 of 3

ACCUTEST Laboratories

F35566

F35566

BHATE

Environmental Engineers and Scientists

Chain of Custody and Analytical Request

Page 2 of 2

Project Number: 9040238.11

P.O. NA

Chain of Custody Number [1]: 100720051

LIMS Number: NA

Facility/Base I.D.: HOLMN

Project Name / Site Name: West POL

Client Name: USACE

Collected by: K. Gretmann

Sample Analysis Requested [5]

Quality Assurance Samples [6]

	Field Sample ID (30 Character 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+Hexane	SVOCs 8270	8015B Carbon Chain						MATRIX DESCRIPTION	Cooler ID
11	WPOL-SB012-32,41	WPOL	6-Oct-05	9:40	32"	41"	N	1	SO	2	☒	☒	☒						Investigative Soil Boring	1
12	WPOL-SB012-61,69	WPOL	6-Oct-05	9:50	34"	43"	N	1	SO	2	☒	☒	☒						Investigative Soil Boring	1
13	Trip Blank						TB		AQ											

Accutest Laboratories
4405 Vineland Road suite C-15
Orlando, FL 32811
Fax analytical results to: 505-679-2148

Email results to: rrenvironmental@zianet.com, dmeder@bhate.com, mdauben@bhate.com, keving@zianet.com

Custody Transfers Prior to Receipt by Laboratory

	Relinquished By (Signed)	Date	Time	Received by(Signed)	Date	Time
1.		10/07/2005	@ 1600	1. Fx		
2.	Fx			2. Stevan Green	10-6-05	9:00
3.				3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab: Shipped No.:

Method of Shipment: Fed Ex Airbill Number: 849314272171

Analytical Lab: Accutest Delivery Location: Orlando, FL

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 (-t) Sample, FD = Field Duplicate (-s) 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 Log Book)

F35566: Chain of Custody
Page 2 of 3

ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: F35566 CLIENT: BHate PROJECT: west Pol

DATE/TIME RECEIVED: 10-6-05/ 9:00 # OF COOLERS RECEIVED: 1 COOLER TEMPS: 2.6

METHOD OF DELIVERY: (FEDEX) UPS ACCUTEST COURIER GREYHOUND DELIVERY OTHER

AIRBILL NUMBERS: 8493-1427-2171

COOLER INFORMATION

- [ ] CUSTODY SEAL NOT PRESENT OR NOT INTACT
- [ ] NO COC RECEIVED
- [ ] ANALYSIS REQUESTED IS UNCLEAR OR MISSING
- [ ] SAMPLE DATES OR TIMES UNCLEAR OR MISSING
- [ ] TEMPERATURE CRITERIA NOT MET

TRIP BLANK INFORMATION

- [ ] TRIP BLANK NOT PROVIDED
- [ ] TRIP BLANK NOT ON COC
- [x] TRIP BLANK INTACT
- [ ] TRIP BLANK NOT INTACT
- [x] RECEIVED WATER TRIP BLANK
- [ ] RECEIVED SOIL TRIP BLANK

SAMPLE INFORMATION

- [ ] SAMPLE LABELS PRESENT ON ALL BOTTLES
- [ ] CORRECT NUMBER OF CONTAINERS USED
- [ ] SAMPLE RECEIVED IMPROPERLY PRESERVED
- [ ] INSUFFICIENT VOLUME FOR ANALYSIS
- [ ] TIMES ON COC DON'T MATCH LABEL
- [ ] ID'S ON COC DON'T MATCH LABEL
- [ ] 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(S) RECEIVED BROKEN
- [ ] % SOLIDS JAR NOT RECEIVED

SOIL INFORMATION

NUMBER OF ENCORES ? Ø

NUMBER OF 5035 FIELD KITS ? Ø

SUMMARY OF COMMENTS: Recieved water T.B. with soils

TECHNICIAN SIGNATURE/DATE Steven Brown/10-6-05 TECHNICIAN SIGNATURE/DATE

ASBD06/22/05

4.1

4

F35566: Chain of Custody
Page 3 of 3

Southeast ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

07/07/08

Technical Report for

Bhate Environmental Associates, Inc.

HOLMN

PROJECT # 9030238.11

Accutest Job Number: F35686

Sampling Date: 10/11/05

Report to:

Bhate Environmental Associates, Inc.

zbeck@bhate.com

ATTN: Zack Beck

Total number of pages in report: **234**

ACCREDITED IN ACCORDANCE WITH nelac

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

ACCUTEST LABORATORIES 50 YEARS 1956-2006

Client Service contact: Jean Dent-Smith 407-425-6700

Certifications: FL (DOH E83510), NC (573), NJ (FL002), MA (FL946), IA (366), LA (03051), KS (E-10327), SC, AK

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Test results relate only to samples analyzed.

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3.6: F35686-6: WPOL-SB17-60,67 51
3.7: F35686-7: WPOL-SB17FD-4,11 59
3.8: F35686-8: WPOL-SB17FD-31,38 67
3.9: F35686-9: WPOL-SB17FD-60,67 75
3.10: F35686-10: WPOL-SB18-4,10 83
3.11: F35686-11: WPOL-SB18-31,38 91
3.12: F35686-12: WPOL-SB18-61,68 99
3.13: F35686-13: WPOL-SB19-4,12 107
3.14: F35686-14: WPOL-SB19-29,41 115
3.15: F35686-15: WPOL-SB19-56,72 123
3.16: F35686-16: WPOL-SB19FD-4,12 131
3.17: F35686-17: WPOL-SB19FD-29,41 139
3.18: F35686-18: WPOL-SB19FD-56,72 147
3.19: F35686-19: WPOL-SB20-4,9 155
3.20: F35686-20: WPOL-SB20-30,39 163
3.21: F35686-21: WPOL-SB20-62,70 171
3.22: F35686-22: WPOL-SB21-7,12 179
3.23: F35686-23: WPOL-SB21-32,37 187
3.24: F35686-24: WPOL-SB21-62,69 195
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Sample Summary

Bhate Environmental Associates, Inc.

Job No: F35686

HOLMN
Project No: PROJECT # 9030238.11

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
F35686-1	10/11/05	08:00	KG	10/13/05	SO	Soil	WPOL-SB16-4,9
F35686-2	10/11/05	08:00	KG	10/13/05	SO	Soil	WPOL-SB16-32,37
F35686-3	10/11/05	08:00	KG	10/13/05	SO	Soil	WPOL-SB16-58,67
F35686-4	10/11/05	09:00	KG	10/13/05	SO	Soil	WPOL-SB17-4,11
F35686-5	10/11/05	09:00	KG	10/13/05	SO	Soil	WPOL-SB17-31,38
F35686-6	10/11/05	09:00	KG	10/13/05	SO	Soil	WPOL-SB17-60,67
F35686-7	10/11/05	09:00	KG	10/13/05	SO	Soil	WPOL-SB17FD-4,11
F35686-8	10/11/05	09:00	KG	10/13/05	SO	Soil	WPOL-SB17FD-31,38
F35686-9	10/11/05	09:00	KG	10/13/05	SO	Soil	WPOL-SB17FD-60,67
F35686-10	10/11/05	10:00	KG	10/13/05	SO	Soil	WPOL-SB18-4,10
F35686-11	10/11/05	10:00	KG	10/13/05	SO	Soil	WPOL-SB18-31,38
F35686-12	10/11/05	10:00	KG	10/13/05	SO	Soil	WPOL-SB18-61,68
F35686-13	10/11/05	11:00	KG	10/13/05	SO	Soil	WPOL-SB19-4,12

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Sample Summary
(continued)

Bhate Environmental Associates, Inc.

Job No: F35686

HOLMN
Project No: PROJECT # 9030238.11

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
F35686-14	10/11/05	11:00	KG	10/13/05	SO	Soil	WPOL-SB19-29,41
F35686-15	10/11/05	11:00	KG	10/13/05	SO	Soil	WPOL-SB19-56,72
F35686-16	10/11/05	11:00	KG	10/13/05	SO	Soil	WPOL-SB19FD-4,12
F35686-17	10/11/05	11:00	KG	10/13/05	SO	Soil	WPOL-SB19FD-29,41
F35686-18	10/11/05	11:00	KG	10/13/05	SO	Soil	WPOL-SB19FD-56,72
F35686-19	10/11/05	12:00	KG	10/13/05	SO	Soil	WPOL-SB20-4,9
F35686-20	10/11/05	12:00	KG	10/13/05	SO	Soil	WPOL-SB20-30,39
F35686-21	10/11/05	12:00	KG	10/13/05	SO	Soil	WPOL-SB20-62,70
F35686-22	10/11/05	14:00	KG	10/13/05	SO	Soil	WPOL-SB21-7,12
F35686-23	10/11/05	14:00	KG	10/13/05	SO	Soil	WPOL-SB21-32,37
F35686-24	10/11/05	14:00	KG	10/13/05	SO	Soil	WPOL-SB21-62,69
F35686-25	10/11/05	14:00	KG	10/13/05	SO	Soil	WPOL-SB21FD-7,12
F35686-26	10/11/05	14:00	KG	10/13/05	SO	Soil	WPOL-SB21FD-32,37

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Sample Summary
(continued)

Bhate Environmental Associates, Inc.

Job No: F35686

HOLMN
Project No: PROJECT # 9030238.11

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
F35686-27	10/11/05	14:00	KG	10/13/05	SO	Soil	WPOL-SB21FD-62,69
F35686-28	10/11/05	00:00	KG	10/13/05	AQ	Trip Blank Soil	TRIP BLANK

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:** F35686

Site: HOLMN **Report Date** 11/3/2005 11:20:29

27 Samples, 1 Trip Blank were collected on 10/11/2005 and received at Accutest on 10/13/2005 properly preserved, at 3 Deg. C and intact. These Samples received an Accutest job number of F35686. 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.

Volatiles by GCMS By Method SW846 8260B

Matrix: AQ **Batch ID:** VJ766

Sample(s) F35491-2MS, F35491-2MSD, F35491-2MSMSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

Blank Spike Recovery(s) for 2-Chloroethyl vinyl ether, Acetone, Methyl bromide, Trans-1,4-Dichloro-2-Butene are outside control limits. Recoveries are biased high and data integrity not affected.

MS/MSD Recovery(s) for 2-Chloroethyl vinyl ether, Methyl bromide are outside control limits. See above

Matrix: SO **Batch ID:** VG1360

Sample(s) F35686-6MS, F35686-6MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

Blank Spike Recovery(s) for Acrolein is biased high. Acrolein not detected in the samples, data integrity not affected.

F35686-3: Sample was received in a bulk container but was not preserved within 48 hours of sampling.

F35686-1: Sample was received in a bulk container but was not preserved within 48 hours of sampling.

F35686-11: Sample was received in a bulk container but was not preserved within 48 hours of sampling.

F35686-15: Sample was received in a bulk container but was not preserved within 48 hours of sampling.

F35686-2: Sample was received in a bulk container but was not preserved within 48 hours of sampling.

F35686-9: Sample was received in a bulk container but was not preserved within 48 hours of sampling.

F35686-16: Sample was received in a bulk container but was not preserved within 48 hours of sampling.

F35686-14: Sample was received in a bulk container but was not preserved within 48 hours of sampling.

F35686-17: Sample was received in a bulk container but was not preserved within 48 hours of sampling.

F35686-5: Sample was received in a bulk container but was not preserved within 48 hours of sampling.

F35686-6: Sample was received in a bulk container but was not preserved within 48 hours of sampling.

F35686-13: Sample was received in a bulk container but was not preserved within 48 hours of sampling.

F35686-10: Sample was received in a bulk container but was not preserved within 48 hours of sampling.

F35686-7: Sample was received in a bulk container but was not preserved within 48 hours of sampling.

F35686-12: Sample was received in a bulk container but was not preserved within 48 hours of sampling.

F35686-8: Sample was received in a bulk container but was not preserved within 48 hours of sampling.

F35686-4: Sample was received in a bulk container but was not preserved within 48 hours of sampling.

Matrix: SO **Batch ID:** VG1361

Sample(s) F35686-19MS, F35686-19MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

Volatiles by GCMS By Method SW846 8260B

Matrix: SO **Batch ID:** VG1361

Blank Spike Recovery(s) for Acrolein, Methylene chloride are outside control limits. Biased high, method sensitivity nor adversely affected.

MS/MSD Recovery(s) for 2,2-Dichloropropane are outside control limits. Probable cause due to matrix interference. For method perfromance in clean matrix refer to Blank Spike.

F35686-18: Sample was received in a bulk container but was not preserved within 48 hours of sampling.

F35686-19: Sample was received in a bulk container and preserved within 48 hours of sampling.

F35686-20: Sample was received in a bulk container and preserved within 48 hours of sampling.

F35686-21: Sample was received in a bulk container and preserved within 48 hours of sampling.

F35686-27: Sample was received in a bulk container and preserved within 48 hours of sampling.

F35686-26: Sample was received in a bulk container and preserved within 48 hours of sampling.

F35686-25: Sample was received in a bulk container and preserved within 48 hours of sampling.

F35686-24: Sample was received in a bulk container and preserved within 48 hours of sampling.

F35686-23: Sample was received in a bulk container and preserved within 48 hours of sampling.

F35686-22: Sample was received in a bulk container and preserved within 48 hours of sampling.

Matrix: SO **Batch ID:** VG1362

Sample(s) F35718-1MS, F35718-1MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

The following samples were run outside of holding time for method SW846 8260B: F35686-22, F35686-25 Sample re-analyzed beyond hold time; reported results are considered minimum values.

Sample(s) F35686-22 have compound(s) reported with a “B” qualifier, indicating analyte is found in the associated method blank.

Blank Spike Recovery(s) for Acrolein, Methyl iodide are outside control limits. Acrolein biased high, sensitivity not compromized, MeI passed control criteria in MS/MSD, SW-846 8000 requirements are met.

MS and/or MSD Recovery(s) for 1,3,5-Trimethylbenzene, 2,2-Dichloropropane, Methyl Tert Butyl Ether, tert-Butylbenzene, Vinyl Acetate are outside control limits. Probable cause due to matrix interference. Refer to Blank Spike.

F35686-25: Sample re-analyzed beyond hold time; reported results are considered minimum values.

F35686-22: Sample re-analyzed beyond hold time; reported results are considered minimum values.

Extractables by GCMS By Method SW846 8270C

Matrix: SO **Batch ID:** OP14755

Sample(s) F35686-1MS, F35686-1MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

MS and/or MSD Recovery(s) for Benzidine, Benzoic acid are outside control limits. Probable cause due to matrix interference. Refer to Blank Spike.

RPD(s) for MSD for 2,4-Dinitrophenol, Benzoic acid are outside control limits for sample OP14755-MSD. Probable cause due to sample homogeneity.

Matrix: SO **Batch ID:** OP14774

Sample(s) F35686-14MS, F35686-14MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

MS and/or MSD Recovery(s) for Benzidine, Diethyl phthalate are outside control limits. Probable cause due to matrix interference. Refer to Blank Spike.

RPD(s) for MSD for 1,2,4-Trichlorobenzene, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, 2,4-Dinitrophenol, 2-Chloronaphthalene, 2-Nitrophenol, 4,6-Dinitro-o-cresol, Benzoic acid, bis(2-Chloroethoxy)methane, bis(2-Chloroethyl)ether, bis(2-Chloroisopropyl)ether, Hexachlorobutadiene, Hexachlorocyclopentadiene, Hexachloroethane, Isophorone, Naphthalene, Nitrobenzene are outside control limits for sample OP14774-MSD. Probable cause due to sample homogeneity.

Volatiles by GC By Method SW846 8015

Matrix: SO **Batch ID:** GHH789

Sample(s) F35686-1MS, F35686-1MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

F35686-12: Sample was received in a bulk container and preserved within 48 hours of sampling.

F35686-19: Sample was received in a bulk container and preserved within 48 hours of sampling.

F35686-18: Sample was received in a bulk container and preserved within 48 hours of sampling.

F35686-17: Sample was received in a bulk container and preserved within 48 hours of sampling.

F35686-16: Sample was received in a bulk container and preserved within 48 hours of sampling.

F35686-2: Sample was received in a bulk container and preserved within 48 hours of sampling.

F35686-15: Sample was received in a bulk container and preserved within 48 hours of sampling.

F35686-14: Sample was received in a bulk container and preserved within 48 hours of sampling.

F35686-20: Sample was received in a bulk container and preserved within 48 hours of sampling.

F35686-4: Sample was received in a bulk container and preserved within 48 hours of sampling.

F35686-11: Sample was received in a bulk container and preserved within 48 hours of sampling.

F35686-5: Sample was received in a bulk container and preserved within 48 hours of sampling.

F35686-10: Sample was received in a bulk container and preserved within 48 hours of sampling.

F35686-3: Sample was received in a bulk container and preserved within 48 hours of sampling.

F35686-6: Sample was received in a bulk container and preserved within 48 hours of sampling.
F35686-7: Sample was received in a bulk container and preserved within 48 hours of sampling.
F35686-8: Sample was received in a bulk container and preserved within 48 hours of sampling.
F35686-9: Sample was received in a bulk container and preserved within 48 hours of sampling.
F35686-1: Sample was received in a bulk container and preserved within 48 hours of sampling.
F35686-13: Sample was received in a bulk container and preserved within 48 hours of sampling.

Matrix: SO **Batch ID:** GHH790

Sample(s) F35795-1MS, F35795-1MSD were used as the QC samples indicated.
All method blanks for this batch meet method specific criteria.
Sample(s) F35686-22 have surrogates outside control limits. Probable cause due to matrix interference.
F35686-27: Sample was received in a bulk container and preserved within 48 hours of sampling.
F35686-23: Sample was received in a bulk container and preserved within 48 hours of sampling.
F35686-24: Sample was received in a bulk container and preserved within 48 hours of sampling.
F35686-25: Sample was received in a bulk container and preserved within 48 hours of sampling.
F35686-26: Sample was received in a bulk container and preserved within 48 hours of sampling.
F35686-22: Sample was received in a bulk container and preserved within 48 hours of sampling.
F35686-21: Sample was received in a bulk container and preserved within 48 hours of sampling.
F35686-22 for 4-Bromofluorobenzene: Outside control limits due to matrix interference.
F35686-22 for 4-Bromofluorobenzene: Result reported from PID.

Extractables by GC By Method SW846 8015 M

Matrix: SO **Batch ID:** OP14738

Sample(s) F35686-1MS, F35686-1MSD were used as the QC samples indicated.
All method blanks for this batch meet method specific criteria.
Sample(s) F35686-1, F35686-10, F35686-11, F35686-13, F35686-14, F35686-16, F35686-19, F35686-23, F35686-3, F35686-6, F35686-7, F35686-8, F35686-26 have surrogates outside control limits. Probable cause due to matrix interference.

Matrix: SO **Batch ID:** OP14784

Sample(s) F35686-27MS, F35686-27MSD were used as the QC samples indicated.
All method blanks for this batch meet method specific criteria.
F35686-26 for o-Terphenyl: Confirmed ND by re-extraction and reanalysis beyond holdtime.

Matrix: SO **Batch ID:** OP14860

Sample(s) F36078-2MS, F36078-2MSD were used as the QC samples indicated.
All method blanks for this batch meet method specific criteria.
F35686-23: Sample extracted beyond hold time; reported results are considered minimum values.
F35686-1: Sample re-extracted beyond hold time; reported results are considered minimum values. Higher values were reported.
F35686-8: Sample extracted beyond hold time; reported results are considered minimum values.
F35686-10: Sample extracted beyond hold time; reported results are considered minimum values.
F35686-6: Sample re-extracted beyond hold time; reported results are considered minimum values. Higher values were reported.
F35686-26: Sample extracted beyond hold time; reported results are considered minimum values.
F35686-3: Sample re-extracted beyond hold time; reported results are considered minimum values. Higher values were reported.
F35686-11: Sample extracted beyond hold time; reported results are considered minimum values.
F35686-13: Sample extracted beyond hold time; reported results are considered minimum values.
F35686-14: Sample extracted beyond hold time; reported results are considered minimum values.
F35686-16: Sample extracted beyond hold time; reported results are considered minimum values.
F35686-19: Sample extracted beyond hold time; reported results are considered minimum values.
F35686-7: Sample extracted beyond hold time; reported results are considered minimum values.
OP14860-MS for TPH (C10-C22): Outside control limits due to high level in sample relative to spike amount.

Wet Chemistry By Method EPA 160.3 M

Matrix: SO **Batch ID:** GN18611

Sample(s) F35651-7DUP were used as the QC samples for Solids, Percent.

Matrix: SO **Batch ID:** GN18617

Sample(s) F35686-7DUP were used as the QC samples for Solids, Percent.

Matrix: SO **Batch ID:** GN18619

Sample(s) F35682-3DUP were used as the QC samples for Solids, 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: November 3, 2005

Svetlana Izosimova, QAO

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	WPOL-SB16-4,9		
Lab Sample ID:	F35686-1	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	87.1
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0035343.D	1	10/24/05	RAW	n/a	n/a	VG1360
Run #2							

	Initial Weight
Run #1	5.21 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	55	28	ug/kg	
75-05-8	Acetonitrile	ND	55	22	ug/kg	
107-02-8	Acrolein	ND	28	14	ug/kg	
107-13-1	Acrylonitrile	ND	28	14	ug/kg	
107-05-1	Allyl chloride	ND	28	5.5	ug/kg	
71-43-2	Benzene	ND	5.5	2.2	ug/kg	
100-44-7	Benzyl Chloride	ND	5.5	2.8	ug/kg	
108-86-1	Bromobenzene	ND	5.5	2.2	ug/kg	
74-97-5	Bromochloromethane	ND	5.5	2.2	ug/kg	
75-27-4	Bromodichloromethane	ND	5.5	2.2	ug/kg	
75-25-2	Bromoform	ND	5.5	2.2	ug/kg	
104-51-8	n-Butylbenzene	ND	5.5	2.2	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.5	2.2	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.5	2.2	ug/kg	
108-90-7	Chlorobenzene	ND	5.5	2.2	ug/kg	
75-00-3	Chloroethane	ND	5.5	2.2	ug/kg	
67-66-3	Chloroform	ND	5.5	2.2	ug/kg	
544-10-5	1-Chlorohexane	ND	5.5	2.2	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.5	2.2	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.5	2.2	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	28	11	ug/kg	
75-15-0	Carbon disulfide	ND	5.5	2.2	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.5	2.2	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.5	2.2	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	5.5	2.2	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.5	2.2	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.5	2.2	ug/kg	
106-93-4	1,2-Dibromoethane	ND	5.5	2.2	ug/kg	
107-06-2	1,2-Dichloroethane	ND	5.5	2.2	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.5	2.2	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.5	2.2	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.5	2.2	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB16-4,9		
Lab Sample ID:	F35686-1	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	87.1
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	5.5	2.2	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.5	3.3	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	5.5	2.2	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.5	2.2	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	28		ug/kg	
541-73-1	m-Dichlorobenzene	ND	5.5	2.2	ug/kg	
95-50-1	o-Dichlorobenzene	ND	5.5	2.2	ug/kg	
106-46-7	p-Dichlorobenzene	ND	5.5	2.2	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	5.5	2.2	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.5	2.2	ug/kg	
100-41-4	Ethylbenzene	ND	5.5	2.2	ug/kg	
97-63-2	Ethyl methacrylate	ND	28	5.5	ug/kg	
76-13-1	Freon 113	ND	5.5	2.2	ug/kg	
591-78-6	2-Hexanone	ND	28	11	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.5	2.2	ug/kg	
110-54-3	Hexane	ND	5.5	2.2	ug/kg	
98-82-8	Isopropylbenzene	ND	5.5	2.2	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.5	2.2	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	28	11	ug/kg	
126-98-7	Methacrylonitrile	ND	28	11	ug/kg	
74-83-9	Methyl bromide	ND	5.5	2.2	ug/kg	
74-87-3	Methyl chloride	ND	5.5	2.2	ug/kg	
74-88-4	Methyl iodide	ND	11	2.2	ug/kg	
80-62-6	Methyl methacrylate	ND	28	5.5	ug/kg	
74-95-3	Methylene bromide	ND	5.5	2.2	ug/kg	
75-09-2	Methylene chloride	ND	11	5.5	ug/kg	
78-93-3	Methyl ethyl ketone	ND	28	11	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.5	2.2	ug/kg	
91-20-3	Naphthalene	ND	5.5	2.2	ug/kg	
76-01-7	Pentachloroethane	ND	28	5.5	ug/kg	
107-12-0	Propionitrile	ND	55	11	ug/kg	
103-65-1	n-Propylbenzene	ND	5.5	2.2	ug/kg	
100-42-5	Styrene	ND	5.5	2.2	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.5	2.2	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.5	2.2	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.5	2.2	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.5	2.2	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.5	2.2	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.5	2.2	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.5	2.2	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB16-4,9		
Lab Sample ID:	F35686-1	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	87.1
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	5.5	2.2	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.5	2.2	ug/kg	
127-18-4	Tetrachloroethylene	ND	5.5	2.2	ug/kg	
108-88-3	Toluene	ND	5.5	2.2	ug/kg	
79-01-6	Trichloroethylene	ND	5.5	2.2	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.5	2.2	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	28	11	ug/kg	
75-01-4	Vinyl chloride	ND	5.5	2.2	ug/kg	
108-05-4	Vinyl Acetate	ND	28	11	ug/kg	
	m,p-Xylene	ND	11	2.8	ug/kg	
95-47-6	o-Xylene	ND	5.5	2.2	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		78-123%
2037-26-5	Toluene-D8	90%		71-137%
460-00-4	4-Bromofluorobenzene	99%		61-157%
17060-07-0	1,2-Dichloroethane-D4	95%		74-125%

(a) Sample was received in a bulk container but was not preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB16-4,9		
Lab Sample ID:	F35686-1	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	87.1
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F012136.D	1	10/25/05	NJ	10/20/05	OP14755	SF662
Run #2							

	Initial Weight	Final Volume
Run #1	30.2 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	950	380	ug/kg	
95-57-8	2-Chlorophenol	ND	190	38	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	190	38	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	190	38	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	190	38	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	950	380	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	380	76	ug/kg	
95-48-7	2-Methylphenol	ND	190	38	ug/kg	
	3&4-Methylphenol	ND	190	38	ug/kg	
88-75-5	2-Nitrophenol	ND	190	38	ug/kg	
100-02-7	4-Nitrophenol	ND	950	380	ug/kg	
87-86-5	Pentachlorophenol	ND	950	380	ug/kg	
108-95-2	Phenol	ND	190	38	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	190	38	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	190	38	ug/kg	
83-32-9	Acenaphthene	ND	190	38	ug/kg	
208-96-8	Acenaphthylene	ND	190	38	ug/kg	
120-12-7	Anthracene	ND	190	38	ug/kg	
92-87-5	Benzidine	ND	1900	950	ug/kg	
56-55-3	Benzo(a)anthracene	ND	190	38	ug/kg	
50-32-8	Benzo(a)pyrene	ND	190	38	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	190	38	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	190	76	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	190	38	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	190	38	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	380	95	ug/kg	
100-51-6	Benzyl Alcohol	ND	190	38	ug/kg	
91-58-7	2-Chloronaphthalene	ND	190	38	ug/kg	
106-47-8	4-Chloroaniline	ND	380	150	ug/kg	
218-01-9	Chrysene	ND	190	38	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	190	38	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	190	76	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB16-4,9		
Lab Sample ID:	F35686-1	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	87.1
Project:	HOLMN		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	190	38	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	190	38	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	190	38	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	190	38	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	190	38	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	190	76	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	190	76	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	380	190	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	190	76	ug/kg	
132-64-9	Dibenzofuran	ND	190	38	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	380	95	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	380	190	ug/kg	
84-66-2	Diethyl phthalate	ND	380	95	ug/kg	
131-11-3	Dimethyl phthalate	ND	380	95	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	380	190	ug/kg	
206-44-0	Fluoranthene	ND	190	38	ug/kg	
86-73-7	Fluorene	ND	190	38	ug/kg	
118-74-1	Hexachlorobenzene	ND	190	38	ug/kg	
87-68-3	Hexachlorobutadiene	ND	190	76	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	190	76	ug/kg	
67-72-1	Hexachloroethane	ND	190	76	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	190	76	ug/kg	
78-59-1	Isophorone	ND	190	38	ug/kg	
91-57-6	2-Methylnaphthalene	ND	190	38	ug/kg	
88-74-4	2-Nitroaniline	ND	380	95	ug/kg	
99-09-2	3-Nitroaniline	ND	380	95	ug/kg	
100-01-6	4-Nitroaniline	ND	380	130	ug/kg	
91-20-3	Naphthalene	ND	190	38	ug/kg	
98-95-3	Nitrobenzene	ND	190	38	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	190	76	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	190	38	ug/kg	
85-01-8	Phenanthrene	ND	190	38	ug/kg	
129-00-0	Pyrene	ND	190	76	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	190	38	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	62%		45-114%
4165-62-2	Phenol-d5	61%		44-124%
118-79-6	2,4,6-Tribromophenol	81%		50-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB16-4,9		
Lab Sample ID:	F35686-1	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	87.1
Project:	HOLMN		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	64%		41-123%
321-60-8	2-Fluorobiphenyl	68%		46-122%
1718-51-0	Terphenyl-d14	80%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB16-4,9		
Lab Sample ID:	F35686-1	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8015	**Percent Solids:**	87.1
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	HH017236.D	1	10/21/05	AB	n/a	n/a	GHH789
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	4.75 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	6.8	3.4	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	87%		62-135%
98-08-8	aaa-Trifluorotoluene	93%		65-118%

(a) Sample was received in a bulk container and preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB16-4,9		
Lab Sample ID:	F35686-1	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	87.1
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	IJ26577.D	1	11/01/05	SD	10/31/05	OP14860	GIJ1252
Run #2	IJ26398.D	1	10/21/05	ME	10/19/05	OP14738	GIJ1246

	Initial Weight	Final Volume
Run #1	30.0 g	1.0 ml
Run #2	30.3 g	1.0 ml

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	9.6	5.7	mg/kg	
	TPH (> C22-C36)	ND	9.6	5.7	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	79%	55%	57-115%

(a) Sample re-extracted beyond hold time; reported results are considered minimum values. Higher values were reported.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB16-32,37		
Lab Sample ID:	F35686-2	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	85.1
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0035344.D	1	10/24/05	RAW	n/a	n/a	VG1360
Run #2							

	Initial Weight
Run #1	5.47 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	54	27	ug/kg	
75-05-8	Acetonitrile	ND	54	21	ug/kg	
107-02-8	Acrolein	ND	27	13	ug/kg	
107-13-1	Acrylonitrile	ND	27	13	ug/kg	
107-05-1	Allyl chloride	ND	27	5.4	ug/kg	
71-43-2	Benzene	ND	5.4	2.1	ug/kg	
100-44-7	Benzyl Chloride	ND	5.4	2.7	ug/kg	
108-86-1	Bromobenzene	ND	5.4	2.1	ug/kg	
74-97-5	Bromochloromethane	ND	5.4	2.1	ug/kg	
75-27-4	Bromodichloromethane	ND	5.4	2.1	ug/kg	
75-25-2	Bromoform	ND	5.4	2.1	ug/kg	
104-51-8	n-Butylbenzene	ND	5.4	2.1	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.4	2.1	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.4	2.1	ug/kg	
108-90-7	Chlorobenzene	ND	5.4	2.1	ug/kg	
75-00-3	Chloroethane	ND	5.4	2.1	ug/kg	
67-66-3	Chloroform	ND	5.4	2.1	ug/kg	
544-10-5	1-Chlorohexane	ND	5.4	2.1	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.4	2.1	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.4	2.1	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	27	11	ug/kg	
75-15-0	Carbon disulfide	ND	5.4	2.1	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.4	2.1	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.4	2.1	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	5.4	2.1	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.4	2.1	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.4	2.1	ug/kg	
106-93-4	1,2-Dibromoethane	ND	5.4	2.1	ug/kg	
107-06-2	1,2-Dichloroethane	ND	5.4	2.1	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.4	2.1	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.4	2.1	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.4	2.1	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB16-32,37		
Lab Sample ID:	F35686-2	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	85.1
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	5.4	2.1	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.4	3.2	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	5.4	2.1	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.4	2.1	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	27		ug/kg	
541-73-1	m-Dichlorobenzene	ND	5.4	2.1	ug/kg	
95-50-1	o-Dichlorobenzene	ND	5.4	2.1	ug/kg	
106-46-7	p-Dichlorobenzene	ND	5.4	2.1	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	5.4	2.1	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.4	2.1	ug/kg	
100-41-4	Ethylbenzene	ND	5.4	2.1	ug/kg	
97-63-2	Ethyl methacrylate	ND	27	5.4	ug/kg	
76-13-1	Freon 113	ND	5.4	2.1	ug/kg	
591-78-6	2-Hexanone	ND	27	11	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.4	2.1	ug/kg	
110-54-3	Hexane	ND	5.4	2.1	ug/kg	
98-82-8	Isopropylbenzene	ND	5.4	2.1	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.4	2.1	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	27	11	ug/kg	
126-98-7	Methacrylonitrile	ND	27	11	ug/kg	
74-83-9	Methyl bromide	ND	5.4	2.1	ug/kg	
74-87-3	Methyl chloride	ND	5.4	2.1	ug/kg	
74-88-4	Methyl iodide	ND	11	2.1	ug/kg	
80-62-6	Methyl methacrylate	ND	27	5.4	ug/kg	
74-95-3	Methylene bromide	ND	5.4	2.1	ug/kg	
75-09-2	Methylene chloride	ND	11	5.4	ug/kg	
78-93-3	Methyl ethyl ketone	ND	27	11	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.4	2.1	ug/kg	
91-20-3	Naphthalene	ND	5.4	2.1	ug/kg	
76-01-7	Pentachloroethane	ND	27	5.4	ug/kg	
107-12-0	Propionitrile	ND	54	11	ug/kg	
103-65-1	n-Propylbenzene	ND	5.4	2.1	ug/kg	
100-42-5	Styrene	ND	5.4	2.1	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.4	2.1	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.4	2.1	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.4	2.1	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.4	2.1	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.4	2.1	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.4	2.1	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.4	2.1	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB16-32,37		
Lab Sample ID:	F35686-2	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	85.1
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	5.4	2.1	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.4	2.1	ug/kg	
127-18-4	Tetrachloroethylene	ND	5.4	2.1	ug/kg	
108-88-3	Toluene	ND	5.4	2.1	ug/kg	
79-01-6	Trichloroethylene	ND	5.4	2.1	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.4	2.1	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	27	11	ug/kg	
75-01-4	Vinyl chloride	ND	5.4	2.1	ug/kg	
108-05-4	Vinyl Acetate	ND	27	11	ug/kg	
	m,p-Xylene	ND	11	2.7	ug/kg	
95-47-6	o-Xylene	ND	5.4	2.1	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		78-123%
2037-26-5	Toluene-D8	89%		71-137%
460-00-4	4-Bromofluorobenzene	96%		61-157%
17060-07-0	1,2-Dichloroethane-D4	96%		74-125%

(a) Sample was received in a bulk container but was not preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB16-32,37		
Lab Sample ID:	F35686-2	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	85.1
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F012139.D	1	10/25/05	NJ	10/20/05	OP14755	SF662
Run #2							

	Initial Weight	Final Volume
Run #1	30.5 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	960	390	ug/kg	
95-57-8	2-Chlorophenol	ND	190	39	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	190	39	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	190	39	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	190	39	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	960	390	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	390	77	ug/kg	
95-48-7	2-Methylphenol	ND	190	39	ug/kg	
	3&4-Methylphenol	ND	190	39	ug/kg	
88-75-5	2-Nitrophenol	ND	190	39	ug/kg	
100-02-7	4-Nitrophenol	ND	960	390	ug/kg	
87-86-5	Pentachlorophenol	ND	960	390	ug/kg	
108-95-2	Phenol	ND	190	39	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	190	39	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	190	39	ug/kg	
83-32-9	Acenaphthene	ND	190	39	ug/kg	
208-96-8	Acenaphthylene	ND	190	39	ug/kg	
120-12-7	Anthracene	ND	190	39	ug/kg	
92-87-5	Benzidine	ND	1900	960	ug/kg	
56-55-3	Benzo(a)anthracene	ND	190	39	ug/kg	
50-32-8	Benzo(a)pyrene	ND	190	39	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	190	39	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	190	77	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	190	39	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	190	39	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	390	96	ug/kg	
100-51-6	Benzyl Alcohol	ND	190	39	ug/kg	
91-58-7	2-Chloronaphthalene	ND	190	39	ug/kg	
106-47-8	4-Chloroaniline	ND	390	150	ug/kg	
218-01-9	Chrysene	ND	190	39	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	190	39	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	190	77	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB16-32,37		
Lab Sample ID:	F35686-2	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	85.1
Project:	HOLMN		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	190	39	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	190	39	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	190	39	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	190	39	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	190	39	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	190	77	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	190	77	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	390	190	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	190	77	ug/kg	
132-64-9	Dibenzofuran	ND	190	39	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	390	96	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	390	190	ug/kg	
84-66-2	Diethyl phthalate	ND	390	96	ug/kg	
131-11-3	Dimethyl phthalate	ND	390	96	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	390	190	ug/kg	
206-44-0	Fluoranthene	ND	190	39	ug/kg	
86-73-7	Fluorene	ND	190	39	ug/kg	
118-74-1	Hexachlorobenzene	ND	190	39	ug/kg	
87-68-3	Hexachlorobutadiene	ND	190	77	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	190	77	ug/kg	
67-72-1	Hexachloroethane	ND	190	77	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	190	77	ug/kg	
78-59-1	Isophorone	ND	190	39	ug/kg	
91-57-6	2-Methylnaphthalene	ND	190	39	ug/kg	
88-74-4	2-Nitroaniline	ND	390	96	ug/kg	
99-09-2	3-Nitroaniline	ND	390	96	ug/kg	
100-01-6	4-Nitroaniline	ND	390	130	ug/kg	
91-20-3	Naphthalene	ND	190	39	ug/kg	
98-95-3	Nitrobenzene	ND	190	39	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	190	77	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	190	39	ug/kg	
85-01-8	Phenanthrene	ND	190	39	ug/kg	
129-00-0	Pyrene	ND	190	77	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	190	39	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	68%		45-114%
4165-62-2	Phenol-d5	67%		44-124%
118-79-6	2,4,6-Tribromophenol	75%		50-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB16-32,37		
Lab Sample ID:	F35686-2	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	85.1
Project:	HOLMN		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	69%		41-123%
321-60-8	2-Fluorobiphenyl	75%		46-122%
1718-51-0	Terphenyl-d14	81%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB16-32,37		
Lab Sample ID:	F35686-2	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8015	**Percent Solids:**	85.1
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	HH017239.D	1	10/21/05	AB	n/a	n/a	GHH789
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.25 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	6.5	3.2	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	90%		62-135%
98-08-8	aaa-Trifluorotoluene	95%		65-118%

(a) Sample was received in a bulk container and preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB16-32,37		
Lab Sample ID:	F35686-2	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	85.1
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	IJ26404.D	1	10/21/05	ME	10/19/05	OP14738	GIJ1246
Run #2							

	Initial Weight	Final Volume
Run #1	30.9 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	9.5	5.7	mg/kg	
	TPH (> C22-C36)	ND	9.5	5.7	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	61%		57-115%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB16-58,67		
Lab Sample ID:	F35686-3	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	82.4
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0035345.D	1	10/24/05	RAW	n/a	n/a	VG1360
Run #2							

	Initial Weight
Run #1	6.66 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	46	23	ug/kg	
75-05-8	Acetonitrile	ND	46	18	ug/kg	
107-02-8	Acrolein	ND	23	11	ug/kg	
107-13-1	Acrylonitrile	ND	23	11	ug/kg	
107-05-1	Allyl chloride	ND	23	4.6	ug/kg	
71-43-2	Benzene	ND	4.6	1.8	ug/kg	
100-44-7	Benzyl Chloride	ND	4.6	2.3	ug/kg	
108-86-1	Bromobenzene	ND	4.6	1.8	ug/kg	
74-97-5	Bromochloromethane	ND	4.6	1.8	ug/kg	
75-27-4	Bromodichloromethane	ND	4.6	1.8	ug/kg	
75-25-2	Bromoform	ND	4.6	1.8	ug/kg	
104-51-8	n-Butylbenzene	ND	4.6	1.8	ug/kg	
135-98-8	sec-Butylbenzene	ND	4.6	1.8	ug/kg	
98-06-6	tert-Butylbenzene	ND	4.6	1.8	ug/kg	
108-90-7	Chlorobenzene	ND	4.6	1.8	ug/kg	
75-00-3	Chloroethane	ND	4.6	1.8	ug/kg	
67-66-3	Chloroform	ND	4.6	1.8	ug/kg	
544-10-5	1-Chlorohexane	ND	4.6	1.8	ug/kg	
95-49-8	o-Chlorotoluene	ND	4.6	1.8	ug/kg	
106-43-4	p-Chlorotoluene	ND	4.6	1.8	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	23	9.1	ug/kg	
75-15-0	Carbon disulfide	ND	4.6	1.8	ug/kg	
56-23-5	Carbon tetrachloride	ND	4.6	1.8	ug/kg	
75-34-3	1,1-Dichloroethane	ND	4.6	1.8	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	4.6	1.8	ug/kg	
563-58-6	1,1-Dichloropropene	ND	4.6	1.8	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	4.6	1.8	ug/kg	
106-93-4	1,2-Dibromoethane	ND	4.6	1.8	ug/kg	
107-06-2	1,2-Dichloroethane	ND	4.6	1.8	ug/kg	
78-87-5	1,2-Dichloropropane	ND	4.6	1.8	ug/kg	
142-28-9	1,3-Dichloropropane	ND	4.6	1.8	ug/kg	
594-20-7	2,2-Dichloropropane	ND	4.6	1.8	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB16-58,67		
Lab Sample ID:	F35686-3	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	82.4
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	4.6	1.8	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	4.6	2.7	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	4.6	1.8	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	4.6	1.8	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	23		ug/kg	
541-73-1	m-Dichlorobenzene	ND	4.6	1.8	ug/kg	
95-50-1	o-Dichlorobenzene	ND	4.6	1.8	ug/kg	
106-46-7	p-Dichlorobenzene	ND	4.6	1.8	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	4.6	1.8	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	4.6	1.8	ug/kg	
100-41-4	Ethylbenzene	ND	4.6	1.8	ug/kg	
97-63-2	Ethyl methacrylate	ND	23	4.6	ug/kg	
76-13-1	Freon 113	ND	4.6	1.8	ug/kg	
591-78-6	2-Hexanone	ND	23	9.1	ug/kg	
87-68-3	Hexachlorobutadiene	ND	4.6	1.8	ug/kg	
110-54-3	Hexane	ND	4.6	1.8	ug/kg	
98-82-8	Isopropylbenzene	ND	4.6	1.8	ug/kg	
99-87-6	p-Isopropyltoluene	ND	4.6	1.8	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	23	9.1	ug/kg	
126-98-7	Methacrylonitrile	ND	23	9.1	ug/kg	
74-83-9	Methyl bromide	ND	4.6	1.8	ug/kg	
74-87-3	Methyl chloride	ND	4.6	1.8	ug/kg	
74-88-4	Methyl iodide	ND	9.1	1.8	ug/kg	
80-62-6	Methyl methacrylate	ND	23	4.6	ug/kg	
74-95-3	Methylene bromide	ND	4.6	1.8	ug/kg	
75-09-2	Methylene chloride	ND	9.1	4.6	ug/kg	
78-93-3	Methyl ethyl ketone	ND	23	9.1	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	4.6	1.8	ug/kg	
91-20-3	Naphthalene	ND	4.6	1.8	ug/kg	
76-01-7	Pentachloroethane	ND	23	4.6	ug/kg	
107-12-0	Propionitrile	ND	46	9.1	ug/kg	
103-65-1	n-Propylbenzene	ND	4.6	1.8	ug/kg	
100-42-5	Styrene	ND	4.6	1.8	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	4.6	1.8	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	4.6	1.8	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	4.6	1.8	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	4.6	1.8	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	4.6	1.8	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	4.6	1.8	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	4.6	1.8	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB16-58,67		
Lab Sample ID:	F35686-3	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	82.4
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	4.6	1.8	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	4.6	1.8	ug/kg	
127-18-4	Tetrachloroethylene	ND	4.6	1.8	ug/kg	
108-88-3	Toluene	ND	4.6	1.8	ug/kg	
79-01-6	Trichloroethylene	ND	4.6	1.8	ug/kg	
75-69-4	Trichlorofluoromethane	ND	4.6	1.8	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	23	9.1	ug/kg	
75-01-4	Vinyl chloride	ND	4.6	1.8	ug/kg	
108-05-4	Vinyl Acetate	ND	23	9.1	ug/kg	
	m,p-Xylene	ND	9.1	2.3	ug/kg	
95-47-6	o-Xylene	ND	4.6	1.8	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		78-123%
2037-26-5	Toluene-D8	91%		71-137%
460-00-4	4-Bromofluorobenzene	95%		61-157%
17060-07-0	1,2-Dichloroethane-D4	98%		74-125%

(a) Sample was received in a bulk container but was not preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB16-58,67		
Lab Sample ID:	F35686-3	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	82.4
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F012140.D	1	10/25/05	NJ	10/20/05	OP14755	SF662
Run #2							

	Initial Weight	Final Volume
Run #1	30.2 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1000	400	ug/kg	
95-57-8	2-Chlorophenol	ND	200	40	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	200	40	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	200	40	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	200	40	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1000	400	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	400	80	ug/kg	
95-48-7	2-Methylphenol	ND	200	40	ug/kg	
	3&4-Methylphenol	ND	200	40	ug/kg	
88-75-5	2-Nitrophenol	ND	200	40	ug/kg	
100-02-7	4-Nitrophenol	ND	1000	400	ug/kg	
87-86-5	Pentachlorophenol	ND	1000	400	ug/kg	
108-95-2	Phenol	ND	200	40	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	200	40	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	200	40	ug/kg	
83-32-9	Acenaphthene	ND	200	40	ug/kg	
208-96-8	Acenaphthylene	ND	200	40	ug/kg	
120-12-7	Anthracene	ND	200	40	ug/kg	
92-87-5	Benzidine	ND	2000	1000	ug/kg	
56-55-3	Benzo(a)anthracene	ND	200	40	ug/kg	
50-32-8	Benzo(a)pyrene	ND	200	40	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	200	40	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	200	80	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	200	40	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	200	40	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	400	100	ug/kg	
100-51-6	Benzyl Alcohol	ND	200	40	ug/kg	
91-58-7	2-Chloronaphthalene	ND	200	40	ug/kg	
106-47-8	4-Chloroaniline	ND	400	160	ug/kg	
218-01-9	Chrysene	ND	200	40	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	200	40	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	200	80	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB16-58,67		
Lab Sample ID:	F35686-3	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	82.4
Project:	HOLMN		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	200	40	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	200	40	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	200	40	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	200	40	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	200	40	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	200	80	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	200	80	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	400	200	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	200	80	ug/kg	
132-64-9	Dibenzofuran	ND	200	40	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	400	100	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	400	200	ug/kg	
84-66-2	Diethyl phthalate	ND	400	100	ug/kg	
131-11-3	Dimethyl phthalate	ND	400	100	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	400	200	ug/kg	
206-44-0	Fluoranthene	ND	200	40	ug/kg	
86-73-7	Fluorene	ND	200	40	ug/kg	
118-74-1	Hexachlorobenzene	ND	200	40	ug/kg	
87-68-3	Hexachlorobutadiene	ND	200	80	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	200	80	ug/kg	
67-72-1	Hexachloroethane	ND	200	80	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	200	80	ug/kg	
78-59-1	Isophorone	ND	200	40	ug/kg	
91-57-6	2-Methylnaphthalene	ND	200	40	ug/kg	
88-74-4	2-Nitroaniline	ND	400	100	ug/kg	
99-09-2	3-Nitroaniline	ND	400	100	ug/kg	
100-01-6	4-Nitroaniline	ND	400	140	ug/kg	
91-20-3	Naphthalene	ND	200	40	ug/kg	
98-95-3	Nitrobenzene	ND	200	40	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	200	80	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	200	40	ug/kg	
85-01-8	Phenanthrene	ND	200	40	ug/kg	
129-00-0	Pyrene	ND	200	80	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	200	40	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	72%		45-114%
4165-62-2	Phenol-d5	70%		44-124%
118-79-6	2,4,6-Tribromophenol	85%		50-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB16-58,67		
Lab Sample ID:	F35686-3	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	82.4
Project:	HOLMN		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	72%		41-123%
321-60-8	2-Fluorobiphenyl	73%		46-122%
1718-51-0	Terphenyl-d14	89%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB16-58,67		
Lab Sample ID:	F35686-3	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8015	**Percent Solids:**	82.4
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	HH017240.D	1	10/21/05	AB	n/a	n/a	GHH789
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.58 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	6.5	3.3	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	90%		62-135%
98-08-8	aaa-Trifluorotoluene	95%		65-118%

(a) Sample was received in a bulk container and preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB16-58,67		
Lab Sample ID:	F35686-3	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	82.4
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	IJ26578.D	1	11/01/05	SD	10/31/05	OP14860	GIJ1252
Run #2	IJ26405.D	1	10/21/05	ME	10/19/05	OP14738	GIJ1246

	Initial Weight	Final Volume
Run #1	30.7 g	1.0 ml
Run #2	30.8 g	1.0 ml

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	9.9	5.9	mg/kg	
	TPH (> C22-C36)	ND	9.9	5.9	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	71%	52%	57-115%

(a) Sample re-extracted beyond hold time; reported results are considered minimum values. Higher values were reported.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB17-4,11		
Lab Sample ID:	F35686-4	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	86.8
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0035346.D	1	10/24/05	RAW	n/a	n/a	VG1360
Run #2							

	Initial Weight
Run #1	5.54 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	52	26	ug/kg	
75-05-8	Acetonitrile	ND	52	21	ug/kg	
107-02-8	Acrolein	ND	26	13	ug/kg	
107-13-1	Acrylonitrile	ND	26	13	ug/kg	
107-05-1	Allyl chloride	ND	26	5.2	ug/kg	
71-43-2	Benzene	ND	5.2	2.1	ug/kg	
100-44-7	Benzyl Chloride	ND	5.2	2.6	ug/kg	
108-86-1	Bromobenzene	ND	5.2	2.1	ug/kg	
74-97-5	Bromochloromethane	ND	5.2	2.1	ug/kg	
75-27-4	Bromodichloromethane	ND	5.2	2.1	ug/kg	
75-25-2	Bromoform	ND	5.2	2.1	ug/kg	
104-51-8	n-Butylbenzene	ND	5.2	2.1	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.2	2.1	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.2	2.1	ug/kg	
108-90-7	Chlorobenzene	ND	5.2	2.1	ug/kg	
75-00-3	Chloroethane	ND	5.2	2.1	ug/kg	
67-66-3	Chloroform	ND	5.2	2.1	ug/kg	
544-10-5	1-Chlorohexane	ND	5.2	2.1	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.2	2.1	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.2	2.1	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	26	10	ug/kg	
75-15-0	Carbon disulfide	ND	5.2	2.1	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.2	2.1	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.2	2.1	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	5.2	2.1	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.2	2.1	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.2	2.1	ug/kg	
106-93-4	1,2-Dibromoethane	ND	5.2	2.1	ug/kg	
107-06-2	1,2-Dichloroethane	ND	5.2	2.1	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.2	2.1	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.2	2.1	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.2	2.1	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB17-4,11		
Lab Sample ID:	F35686-4	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	86.8
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	5.2	2.1	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.2	3.1	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	5.2	2.1	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.2	2.1	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	26		ug/kg	
541-73-1	m-Dichlorobenzene	ND	5.2	2.1	ug/kg	
95-50-1	o-Dichlorobenzene	ND	5.2	2.1	ug/kg	
106-46-7	p-Dichlorobenzene	ND	5.2	2.1	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	5.2	2.1	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.2	2.1	ug/kg	
100-41-4	Ethylbenzene	ND	5.2	2.1	ug/kg	
97-63-2	Ethyl methacrylate	ND	26	5.2	ug/kg	
76-13-1	Freon 113	ND	5.2	2.1	ug/kg	
591-78-6	2-Hexanone	ND	26	10	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.2	2.1	ug/kg	
110-54-3	Hexane	ND	5.2	2.1	ug/kg	
98-82-8	Isopropylbenzene	ND	5.2	2.1	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.2	2.1	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	26	10	ug/kg	
126-98-7	Methacrylonitrile	ND	26	10	ug/kg	
74-83-9	Methyl bromide	ND	5.2	2.1	ug/kg	
74-87-3	Methyl chloride	ND	5.2	2.1	ug/kg	
74-88-4	Methyl iodide	ND	10	2.1	ug/kg	
80-62-6	Methyl methacrylate	ND	26	5.2	ug/kg	
74-95-3	Methylene bromide	ND	5.2	2.1	ug/kg	
75-09-2	Methylene chloride	ND	10	5.2	ug/kg	
78-93-3	Methyl ethyl ketone	ND	26	10	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.2	2.1	ug/kg	
91-20-3	Naphthalene	ND	5.2	2.1	ug/kg	
76-01-7	Pentachloroethane	ND	26	5.2	ug/kg	
107-12-0	Propionitrile	ND	52	10	ug/kg	
103-65-1	n-Propylbenzene	ND	5.2	2.1	ug/kg	
100-42-5	Styrene	ND	5.2	2.1	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.2	2.1	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.2	2.1	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.2	2.1	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.2	2.1	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.2	2.1	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.2	2.1	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.2	2.1	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB17-4,11		
Lab Sample ID:	F35686-4	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	86.8
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	5.2	2.1	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.2	2.1	ug/kg	
127-18-4	Tetrachloroethylene	ND	5.2	2.1	ug/kg	
108-88-3	Toluene	ND	5.2	2.1	ug/kg	
79-01-6	Trichloroethylene	ND	5.2	2.1	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.2	2.1	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	26	10	ug/kg	
75-01-4	Vinyl chloride	ND	5.2	2.1	ug/kg	
108-05-4	Vinyl Acetate	ND	26	10	ug/kg	
	m,p-Xylene	ND	10	2.6	ug/kg	
95-47-6	o-Xylene	ND	5.2	2.1	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		78-123%
2037-26-5	Toluene-D8	91%		71-137%
460-00-4	4-Bromofluorobenzene	90%		61-157%
17060-07-0	1,2-Dichloroethane-D4	101%		74-125%

(a) Sample was received in a bulk container but was not preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB17-4,11		
Lab Sample ID:	F35686-4	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	86.8
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F012141.D	1	10/25/05	NJ	10/20/05	OP14755	SF662
Run #2							

	Initial Weight	Final Volume
Run #1	30.6 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	940	380	ug/kg	
95-57-8	2-Chlorophenol	ND	190	38	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	190	38	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	190	38	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	190	38	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	940	380	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	380	75	ug/kg	
95-48-7	2-Methylphenol	ND	190	38	ug/kg	
	3&4-Methylphenol	ND	190	38	ug/kg	
88-75-5	2-Nitrophenol	ND	190	38	ug/kg	
100-02-7	4-Nitrophenol	ND	940	380	ug/kg	
87-86-5	Pentachlorophenol	ND	940	380	ug/kg	
108-95-2	Phenol	ND	190	38	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	190	38	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	190	38	ug/kg	
83-32-9	Acenaphthene	ND	190	38	ug/kg	
208-96-8	Acenaphthylene	ND	190	38	ug/kg	
120-12-7	Anthracene	ND	190	38	ug/kg	
92-87-5	Benzidine	ND	1900	940	ug/kg	
56-55-3	Benzo(a)anthracene	ND	190	38	ug/kg	
50-32-8	Benzo(a)pyrene	ND	190	38	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	190	38	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	190	75	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	190	38	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	190	38	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	380	94	ug/kg	
100-51-6	Benzyl Alcohol	ND	190	38	ug/kg	
91-58-7	2-Chloronaphthalene	ND	190	38	ug/kg	
106-47-8	4-Chloroaniline	ND	380	150	ug/kg	
218-01-9	Chrysene	ND	190	38	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	190	38	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	190	75	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB17-4,11		
Lab Sample ID:	F35686-4	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	86.8
Project:	HOLMN		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	190	38	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	190	38	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	190	38	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	190	38	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	190	38	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	190	75	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	190	75	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	380	190	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	190	75	ug/kg	
132-64-9	Dibenzofuran	ND	190	38	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	380	94	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	380	190	ug/kg	
84-66-2	Diethyl phthalate	120	380	94	ug/kg	J
131-11-3	Dimethyl phthalate	ND	380	94	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	380	190	ug/kg	
206-44-0	Fluoranthene	ND	190	38	ug/kg	
86-73-7	Fluorene	ND	190	38	ug/kg	
118-74-1	Hexachlorobenzene	ND	190	38	ug/kg	
87-68-3	Hexachlorobutadiene	ND	190	75	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	190	75	ug/kg	
67-72-1	Hexachloroethane	ND	190	75	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	190	75	ug/kg	
78-59-1	Isophorone	ND	190	38	ug/kg	
91-57-6	2-Methylnaphthalene	ND	190	38	ug/kg	
88-74-4	2-Nitroaniline	ND	380	94	ug/kg	
99-09-2	3-Nitroaniline	ND	380	94	ug/kg	
100-01-6	4-Nitroaniline	ND	380	130	ug/kg	
91-20-3	Naphthalene	ND	190	38	ug/kg	
98-95-3	Nitrobenzene	ND	190	38	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	190	75	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	190	38	ug/kg	
85-01-8	Phenanthrene	ND	190	38	ug/kg	
129-00-0	Pyrene	ND	190	75	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	190	38	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	60%		45-114%
4165-62-2	Phenol-d5	58%		44-124%
118-79-6	2,4,6-Tribromophenol	78%		50-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB17-4,11		
Lab Sample ID:	F35686-4	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	86.8
Project:	HOLMN		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	59%		41-123%
321-60-8	2-Fluorobiphenyl	63%		46-122%
1718-51-0	Terphenyl-d14	76%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB17-4,11		
Lab Sample ID:	F35686-4	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8015	**Percent Solids:**	86.8
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	HH017241.D	1	10/21/05	AB	n/a	n/a	GHH789
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.06 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	6.5	3.2	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	89%		62-135%
98-08-8	aaa-Trifluorotoluene	94%		65-118%

(a) Sample was received in a bulk container and preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB17-4,11		
Lab Sample ID:	F35686-4	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	86.8
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	IJ26406.D	1	10/21/05	ME	10/19/05	OP14738	GIJ1246
Run #2							

	Initial Weight	Final Volume
Run #1	30.5 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	9.4	5.7	mg/kg	
	TPH (> C22-C36)	ND	9.4	5.7	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	60%		57-115%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB17-31,38		
Lab Sample ID:	F35686-5	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	84.6
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0035347.D	1	10/24/05	RAW	n/a	n/a	VG1360
Run #2							

	Initial Weight
Run #1	6.02 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	49	25	ug/kg	
75-05-8	Acetonitrile	ND	49	20	ug/kg	
107-02-8	Acrolein	ND	25	12	ug/kg	
107-13-1	Acrylonitrile	ND	25	12	ug/kg	
107-05-1	Allyl chloride	ND	25	4.9	ug/kg	
71-43-2	Benzene	ND	4.9	2.0	ug/kg	
100-44-7	Benzyl Chloride	ND	4.9	2.5	ug/kg	
108-86-1	Bromobenzene	ND	4.9	2.0	ug/kg	
74-97-5	Bromochloromethane	ND	4.9	2.0	ug/kg	
75-27-4	Bromodichloromethane	ND	4.9	2.0	ug/kg	
75-25-2	Bromoform	ND	4.9	2.0	ug/kg	
104-51-8	n-Butylbenzene	ND	4.9	2.0	ug/kg	
135-98-8	sec-Butylbenzene	ND	4.9	2.0	ug/kg	
98-06-6	tert-Butylbenzene	ND	4.9	2.0	ug/kg	
108-90-7	Chlorobenzene	ND	4.9	2.0	ug/kg	
75-00-3	Chloroethane	ND	4.9	2.0	ug/kg	
67-66-3	Chloroform	ND	4.9	2.0	ug/kg	
544-10-5	1-Chlorohexane	ND	4.9	2.0	ug/kg	
95-49-8	o-Chlorotoluene	ND	4.9	2.0	ug/kg	
106-43-4	p-Chlorotoluene	ND	4.9	2.0	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	25	9.8	ug/kg	
75-15-0	Carbon disulfide	ND	4.9	2.0	ug/kg	
56-23-5	Carbon tetrachloride	ND	4.9	2.0	ug/kg	
75-34-3	1,1-Dichloroethane	ND	4.9	2.0	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	4.9	2.0	ug/kg	
563-58-6	1,1-Dichloropropene	ND	4.9	2.0	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	4.9	2.0	ug/kg	
106-93-4	1,2-Dibromoethane	ND	4.9	2.0	ug/kg	
107-06-2	1,2-Dichloroethane	ND	4.9	2.0	ug/kg	
78-87-5	1,2-Dichloropropane	ND	4.9	2.0	ug/kg	
142-28-9	1,3-Dichloropropane	ND	4.9	2.0	ug/kg	
594-20-7	2,2-Dichloropropane	ND	4.9	2.0	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB17-31,38		
Lab Sample ID:	F35686-5	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	84.6
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	4.9	2.0	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	4.9	2.9	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	4.9	2.0	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	4.9	2.0	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	25		ug/kg	
541-73-1	m-Dichlorobenzene	ND	4.9	2.0	ug/kg	
95-50-1	o-Dichlorobenzene	ND	4.9	2.0	ug/kg	
106-46-7	p-Dichlorobenzene	ND	4.9	2.0	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	4.9	2.0	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	4.9	2.0	ug/kg	
100-41-4	Ethylbenzene	ND	4.9	2.0	ug/kg	
97-63-2	Ethyl methacrylate	ND	25	4.9	ug/kg	
76-13-1	Freon 113	ND	4.9	2.0	ug/kg	
591-78-6	2-Hexanone	ND	25	9.8	ug/kg	
87-68-3	Hexachlorobutadiene	ND	4.9	2.0	ug/kg	
110-54-3	Hexane	ND	4.9	2.0	ug/kg	
98-82-8	Isopropylbenzene	ND	4.9	2.0	ug/kg	
99-87-6	p-Isopropyltoluene	ND	4.9	2.0	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	25	9.8	ug/kg	
126-98-7	Methacrylonitrile	ND	25	9.8	ug/kg	
74-83-9	Methyl bromide	ND	4.9	2.0	ug/kg	
74-87-3	Methyl chloride	ND	4.9	2.0	ug/kg	
74-88-4	Methyl iodide	ND	9.8	2.0	ug/kg	
80-62-6	Methyl methacrylate	ND	25	4.9	ug/kg	
74-95-3	Methylene bromide	ND	4.9	2.0	ug/kg	
75-09-2	Methylene chloride	ND	9.8	4.9	ug/kg	
78-93-3	Methyl ethyl ketone	ND	25	9.8	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	4.9	2.0	ug/kg	
91-20-3	Naphthalene	ND	4.9	2.0	ug/kg	
76-01-7	Pentachloroethane	ND	25	4.9	ug/kg	
107-12-0	Propionitrile	ND	49	9.8	ug/kg	
103-65-1	n-Propylbenzene	ND	4.9	2.0	ug/kg	
100-42-5	Styrene	ND	4.9	2.0	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	4.9	2.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	4.9	2.0	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	4.9	2.0	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	4.9	2.0	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	4.9	2.0	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	4.9	2.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	4.9	2.0	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB17-31,38		
Lab Sample ID:	F35686-5	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	84.6
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	4.9	2.0	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	4.9	2.0	ug/kg	
127-18-4	Tetrachloroethylene	ND	4.9	2.0	ug/kg	
108-88-3	Toluene	ND	4.9	2.0	ug/kg	
79-01-6	Trichloroethylene	ND	4.9	2.0	ug/kg	
75-69-4	Trichlorofluoromethane	ND	4.9	2.0	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	25	9.8	ug/kg	
75-01-4	Vinyl chloride	ND	4.9	2.0	ug/kg	
108-05-4	Vinyl Acetate	ND	25	9.8	ug/kg	
	m,p-Xylene	ND	9.8	2.5	ug/kg	
95-47-6	o-Xylene	ND	4.9	2.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	91%		78-123%
2037-26-5	Toluene-D8	94%		71-137%
460-00-4	4-Bromofluorobenzene	88%		61-157%
17060-07-0	1,2-Dichloroethane-D4	88%		74-125%

(a) Sample was received in a bulk container but was not preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB17-31,38		
Lab Sample ID:	F35686-5	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	84.6
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F012142.D	1	10/25/05	NJ	10/20/05	OP14755	SF662
Run #2							

	Initial Weight	Final Volume
Run #1	30.6 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	970	390	ug/kg	
95-57-8	2-Chlorophenol	ND	190	39	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	190	39	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	190	39	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	190	39	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	970	390	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	390	77	ug/kg	
95-48-7	2-Methylphenol	ND	190	39	ug/kg	
	3&4-Methylphenol	ND	190	39	ug/kg	
88-75-5	2-Nitrophenol	ND	190	39	ug/kg	
100-02-7	4-Nitrophenol	ND	970	390	ug/kg	
87-86-5	Pentachlorophenol	ND	970	390	ug/kg	
108-95-2	Phenol	ND	190	39	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	190	39	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	190	39	ug/kg	
83-32-9	Acenaphthene	ND	190	39	ug/kg	
208-96-8	Acenaphthylene	ND	190	39	ug/kg	
120-12-7	Anthracene	ND	190	39	ug/kg	
92-87-5	Benzidine	ND	1900	970	ug/kg	
56-55-3	Benzo(a)anthracene	ND	190	39	ug/kg	
50-32-8	Benzo(a)pyrene	ND	190	39	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	190	39	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	190	77	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	190	39	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	190	39	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	390	97	ug/kg	
100-51-6	Benzyl Alcohol	ND	190	39	ug/kg	
91-58-7	2-Chloronaphthalene	ND	190	39	ug/kg	
106-47-8	4-Chloroaniline	ND	390	150	ug/kg	
218-01-9	Chrysene	ND	190	39	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	190	39	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	190	77	ug/kg	

ND = Not detected MDL - Method Detection Limit
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B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB17-31,38		
Lab Sample ID:	F35686-5	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	84.6
Project:	HOLMN		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	190	39	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	190	39	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	190	39	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	190	39	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	190	39	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	190	77	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	190	77	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	390	190	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	190	77	ug/kg	
132-64-9	Dibenzofuran	ND	190	39	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	390	97	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	390	190	ug/kg	
84-66-2	Diethyl phthalate	ND	390	97	ug/kg	
131-11-3	Dimethyl phthalate	ND	390	97	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	390	190	ug/kg	
206-44-0	Fluoranthene	ND	190	39	ug/kg	
86-73-7	Fluorene	ND	190	39	ug/kg	
118-74-1	Hexachlorobenzene	ND	190	39	ug/kg	
87-68-3	Hexachlorobutadiene	ND	190	77	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	190	77	ug/kg	
67-72-1	Hexachloroethane	ND	190	77	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	190	77	ug/kg	
78-59-1	Isophorone	ND	190	39	ug/kg	
91-57-6	2-Methylnaphthalene	ND	190	39	ug/kg	
88-74-4	2-Nitroaniline	ND	390	97	ug/kg	
99-09-2	3-Nitroaniline	ND	390	97	ug/kg	
100-01-6	4-Nitroaniline	ND	390	140	ug/kg	
91-20-3	Naphthalene	ND	190	39	ug/kg	
98-95-3	Nitrobenzene	ND	190	39	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	190	77	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	190	39	ug/kg	
85-01-8	Phenanthrene	ND	190	39	ug/kg	
129-00-0	Pyrene	ND	190	77	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	190	39	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	63%		45-114%
4165-62-2	Phenol-d5	60%		44-124%
118-79-6	2,4,6-Tribromophenol	72%		50-128%

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B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB17-31,38		
Lab Sample ID:	F35686-5	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	84.6
Project:	HOLMN		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	64%		41-123%
321-60-8	2-Fluorobiphenyl	68%		46-122%
1718-51-0	Terphenyl-d14	76%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB17-31,38		
Lab Sample ID:	F35686-5	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8015	**Percent Solids:**	84.6
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	HH017242.D	1	10/21/05	AB	n/a	n/a	GHH789
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.96 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	5.9	2.9	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	89%		62-135%
98-08-8	aaa-Trifluorotoluene	93%		65-118%

(a) Sample was received in a bulk container and preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB17-31,38		
Lab Sample ID:	F35686-5	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	84.6
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	IJ26407.D	1	10/21/05	ME	10/19/05	OP14738	GIJ1246
Run #2							

	Initial Weight	Final Volume
Run #1	30.3 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	9.8	5.9	mg/kg	
	TPH (> C22-C36)	ND	9.8	5.9	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	64%		57-115%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB17-60,67		
Lab Sample ID:	F35686-6	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	82.3
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0035348.D	1	10/24/05	RAW	n/a	n/a	VG1360
Run #2							

	Initial Weight
Run #1	5.10 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	60	30	ug/kg	
75-05-8	Acetonitrile	ND	60	24	ug/kg	
107-02-8	Acrolein	ND	30	15	ug/kg	
107-13-1	Acrylonitrile	ND	30	15	ug/kg	
107-05-1	Allyl chloride	ND	30	6.0	ug/kg	
71-43-2	Benzene	ND	6.0	2.4	ug/kg	
100-44-7	Benzyl Chloride	ND	6.0	3.0	ug/kg	
108-86-1	Bromobenzene	ND	6.0	2.4	ug/kg	
74-97-5	Bromochloromethane	ND	6.0	2.4	ug/kg	
75-27-4	Bromodichloromethane	ND	6.0	2.4	ug/kg	
75-25-2	Bromoform	ND	6.0	2.4	ug/kg	
104-51-8	n-Butylbenzene	ND	6.0	2.4	ug/kg	
135-98-8	sec-Butylbenzene	ND	6.0	2.4	ug/kg	
98-06-6	tert-Butylbenzene	ND	6.0	2.4	ug/kg	
108-90-7	Chlorobenzene	ND	6.0	2.4	ug/kg	
75-00-3	Chloroethane	ND	6.0	2.4	ug/kg	
67-66-3	Chloroform	ND	6.0	2.4	ug/kg	
544-10-5	1-Chlorohexane	ND	6.0	2.4	ug/kg	
95-49-8	o-Chlorotoluene	ND	6.0	2.4	ug/kg	
106-43-4	p-Chlorotoluene	ND	6.0	2.4	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	30	12	ug/kg	
75-15-0	Carbon disulfide	ND	6.0	2.4	ug/kg	
56-23-5	Carbon tetrachloride	ND	6.0	2.4	ug/kg	
75-34-3	1,1-Dichloroethane	ND	6.0	2.4	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	6.0	2.4	ug/kg	
563-58-6	1,1-Dichloropropene	ND	6.0	2.4	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	6.0	2.4	ug/kg	
106-93-4	1,2-Dibromoethane	ND	6.0	2.4	ug/kg	
107-06-2	1,2-Dichloroethane	ND	6.0	2.4	ug/kg	
78-87-5	1,2-Dichloropropane	ND	6.0	2.4	ug/kg	
142-28-9	1,3-Dichloropropane	ND	6.0	2.4	ug/kg	
594-20-7	2,2-Dichloropropane	ND	6.0	2.4	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB17-60,67		
Lab Sample ID:	F35686-6	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	82.3
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	6.0	2.4	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.0	3.6	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	6.0	2.4	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	6.0	2.4	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	30		ug/kg	
541-73-1	m-Dichlorobenzene	ND	6.0	2.4	ug/kg	
95-50-1	o-Dichlorobenzene	ND	6.0	2.4	ug/kg	
106-46-7	p-Dichlorobenzene	ND	6.0	2.4	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	6.0	2.4	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	6.0	2.4	ug/kg	
100-41-4	Ethylbenzene	ND	6.0	2.4	ug/kg	
97-63-2	Ethyl methacrylate	ND	30	6.0	ug/kg	
76-13-1	Freon 113	ND	6.0	2.4	ug/kg	
591-78-6	2-Hexanone	ND	30	12	ug/kg	
87-68-3	Hexachlorobutadiene	ND	6.0	2.4	ug/kg	
110-54-3	Hexane	ND	6.0	2.4	ug/kg	
98-82-8	Isopropylbenzene	ND	6.0	2.4	ug/kg	
99-87-6	p-Isopropyltoluene	ND	6.0	2.4	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	30	12	ug/kg	
126-98-7	Methacrylonitrile	ND	30	12	ug/kg	
74-83-9	Methyl bromide	ND	6.0	2.4	ug/kg	
74-87-3	Methyl chloride	ND	6.0	2.4	ug/kg	
74-88-4	Methyl iodide	ND	12	2.4	ug/kg	
80-62-6	Methyl methacrylate	ND	30	6.0	ug/kg	
74-95-3	Methylene bromide	ND	6.0	2.4	ug/kg	
75-09-2	Methylene chloride	ND	12	6.0	ug/kg	
78-93-3	Methyl ethyl ketone	ND	30	12	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	6.0	2.4	ug/kg	
91-20-3	Naphthalene	ND	6.0	2.4	ug/kg	
76-01-7	Pentachloroethane	ND	30	6.0	ug/kg	
107-12-0	Propionitrile	ND	60	12	ug/kg	
103-65-1	n-Propylbenzene	ND	6.0	2.4	ug/kg	
100-42-5	Styrene	ND	6.0	2.4	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	6.0	2.4	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	6.0	2.4	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6.0	2.4	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	6.0	2.4	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.0	2.4	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	6.0	2.4	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.0	2.4	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB17-60,67		
Lab Sample ID:	F35686-6	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	82.3
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	6.0	2.4	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	6.0	2.4	ug/kg	
127-18-4	Tetrachloroethylene	ND	6.0	2.4	ug/kg	
108-88-3	Toluene	ND	6.0	2.4	ug/kg	
79-01-6	Trichloroethylene	ND	6.0	2.4	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.0	2.4	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	30	12	ug/kg	
75-01-4	Vinyl chloride	ND	6.0	2.4	ug/kg	
108-05-4	Vinyl Acetate	ND	30	12	ug/kg	
	m,p-Xylene	ND	12	3.0	ug/kg	
95-47-6	o-Xylene	ND	6.0	2.4	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	92%		78-123%
2037-26-5	Toluene-D8	91%		71-137%
460-00-4	4-Bromofluorobenzene	90%		61-157%
17060-07-0	1,2-Dichloroethane-D4	92%		74-125%

(a) Sample was received in a bulk container but was not preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB17-60,67		
Lab Sample ID:	F35686-6	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	82.3
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F012143.D	1	10/25/05	NJ	10/20/05	OP14755	SF662
Run #2							

	Initial Weight	Final Volume
Run #1	30.6 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	990	400	ug/kg	
95-57-8	2-Chlorophenol	ND	200	40	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	200	40	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	200	40	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	200	40	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	990	400	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	400	79	ug/kg	
95-48-7	2-Methylphenol	ND	200	40	ug/kg	
	3&4-Methylphenol	ND	200	40	ug/kg	
88-75-5	2-Nitrophenol	ND	200	40	ug/kg	
100-02-7	4-Nitrophenol	ND	990	400	ug/kg	
87-86-5	Pentachlorophenol	ND	990	400	ug/kg	
108-95-2	Phenol	ND	200	40	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	200	40	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	200	40	ug/kg	
83-32-9	Acenaphthene	ND	200	40	ug/kg	
208-96-8	Acenaphthylene	ND	200	40	ug/kg	
120-12-7	Anthracene	ND	200	40	ug/kg	
92-87-5	Benzidine	ND	2000	990	ug/kg	
56-55-3	Benzo(a)anthracene	ND	200	40	ug/kg	
50-32-8	Benzo(a)pyrene	ND	200	40	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	200	40	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	200	79	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	200	40	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	200	40	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	400	99	ug/kg	
100-51-6	Benzyl Alcohol	ND	200	40	ug/kg	
91-58-7	2-Chloronaphthalene	ND	200	40	ug/kg	
106-47-8	4-Chloroaniline	ND	400	160	ug/kg	
218-01-9	Chrysene	ND	200	40	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	200	40	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	200	79	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB17-60,67		
Lab Sample ID:	F35686-6	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	82.3
Project:	HOLMN		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	200	40	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	200	40	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	200	40	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	200	40	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	200	40	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	200	79	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	200	79	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	400	200	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	200	79	ug/kg	
132-64-9	Dibenzofuran	ND	200	40	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	400	99	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	400	200	ug/kg	
84-66-2	Diethyl phthalate	ND	400	99	ug/kg	
131-11-3	Dimethyl phthalate	ND	400	99	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	400	200	ug/kg	
206-44-0	Fluoranthene	ND	200	40	ug/kg	
86-73-7	Fluorene	ND	200	40	ug/kg	
118-74-1	Hexachlorobenzene	ND	200	40	ug/kg	
87-68-3	Hexachlorobutadiene	ND	200	79	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	200	79	ug/kg	
67-72-1	Hexachloroethane	ND	200	79	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	200	79	ug/kg	
78-59-1	Isophorone	ND	200	40	ug/kg	
91-57-6	2-Methylnaphthalene	ND	200	40	ug/kg	
88-74-4	2-Nitroaniline	ND	400	99	ug/kg	
99-09-2	3-Nitroaniline	ND	400	99	ug/kg	
100-01-6	4-Nitroaniline	ND	400	140	ug/kg	
91-20-3	Naphthalene	ND	200	40	ug/kg	
98-95-3	Nitrobenzene	ND	200	40	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	200	79	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	200	40	ug/kg	
85-01-8	Phenanthrene	ND	200	40	ug/kg	
129-00-0	Pyrene	ND	200	79	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	200	40	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	69%		45-114%
4165-62-2	Phenol-d5	65%		44-124%
118-79-6	2,4,6-Tribromophenol	69%		50-128%

ND = Not detected MDL - Method Detection Limit
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B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB17-60,67		
Lab Sample ID:	F35686-6	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	82.3
Project:	HOLMN		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	66%		41-123%
321-60-8	2-Fluorobiphenyl	70%		46-122%
1718-51-0	Terphenyl-d14	75%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB17-60,67		
Lab Sample ID:	F35686-6	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8015	**Percent Solids:**	82.3
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	HH017243.D	1	10/21/05	AB	n/a	n/a	GHH789
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	4.59 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	7.7	3.8	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	88%		62-135%
98-08-8	aaa-Trifluorotoluene	94%		65-118%

(a) Sample was received in a bulk container and preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB17-60,67		
Lab Sample ID:	F35686-6	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	82.3
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	IJ26579.D	1	11/01/05	SD	10/31/05	OP14860	GIJ1252
Run #2	IJ26408.D	1	10/21/05	ME	10/19/05	OP14738	GIJ1246

	Initial Weight	Final Volume
Run #1	30.7 g	1.0 ml
Run #2	30.5 g	1.0 ml

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	9.9	5.9	mg/kg	
	TPH (> C22-C36)	ND	9.9	5.9	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	67%	54%	57-115%

(a) Sample re-extracted beyond hold time; reported results are considered minimum values. Higher values were reported.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB17FD-4,11		
Lab Sample ID:	F35686-7	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	78.0
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0035351.D	1	10/24/05	RAW	n/a	n/a	VG1360
Run #2							

	Initial Weight
Run #1	5.52 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	58	29	ug/kg	
75-05-8	Acetonitrile	ND	58	23	ug/kg	
107-02-8	Acrolein	ND	29	15	ug/kg	
107-13-1	Acrylonitrile	ND	29	15	ug/kg	
107-05-1	Allyl chloride	ND	29	5.8	ug/kg	
71-43-2	Benzene	ND	5.8	2.3	ug/kg	
100-44-7	Benzyl Chloride	ND	5.8	2.9	ug/kg	
108-86-1	Bromobenzene	ND	5.8	2.3	ug/kg	
74-97-5	Bromochloromethane	ND	5.8	2.3	ug/kg	
75-27-4	Bromodichloromethane	ND	5.8	2.3	ug/kg	
75-25-2	Bromoform	ND	5.8	2.3	ug/kg	
104-51-8	n-Butylbenzene	ND	5.8	2.3	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.8	2.3	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.8	2.3	ug/kg	
108-90-7	Chlorobenzene	ND	5.8	2.3	ug/kg	
75-00-3	Chloroethane	ND	5.8	2.3	ug/kg	
67-66-3	Chloroform	ND	5.8	2.3	ug/kg	
544-10-5	1-Chlorohexane	ND	5.8	2.3	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.8	2.3	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.8	2.3	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	29	12	ug/kg	
75-15-0	Carbon disulfide	ND	5.8	2.3	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.8	2.3	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.8	2.3	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	5.8	2.3	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.8	2.3	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.8	2.3	ug/kg	
106-93-4	1,2-Dibromoethane	ND	5.8	2.3	ug/kg	
107-06-2	1,2-Dichloroethane	ND	5.8	2.3	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.8	2.3	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.8	2.3	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.8	2.3	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB17FD-4,11		
Lab Sample ID:	F35686-7	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	78.0
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	5.8	2.3	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.8	3.5	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	5.8	2.3	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.8	2.3	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	29		ug/kg	
541-73-1	m-Dichlorobenzene	ND	5.8	2.3	ug/kg	
95-50-1	o-Dichlorobenzene	ND	5.8	2.3	ug/kg	
106-46-7	p-Dichlorobenzene	ND	5.8	2.3	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	5.8	2.3	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.8	2.3	ug/kg	
100-41-4	Ethylbenzene	ND	5.8	2.3	ug/kg	
97-63-2	Ethyl methacrylate	ND	29	5.8	ug/kg	
76-13-1	Freon 113	ND	5.8	2.3	ug/kg	
591-78-6	2-Hexanone	ND	29	12	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.8	2.3	ug/kg	
110-54-3	Hexane	ND	5.8	2.3	ug/kg	
98-82-8	Isopropylbenzene	ND	5.8	2.3	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.8	2.3	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	29	12	ug/kg	
126-98-7	Methacrylonitrile	ND	29	12	ug/kg	
74-83-9	Methyl bromide	ND	5.8	2.3	ug/kg	
74-87-3	Methyl chloride	ND	5.8	2.3	ug/kg	
74-88-4	Methyl iodide	ND	12	2.3	ug/kg	
80-62-6	Methyl methacrylate	ND	29	5.8	ug/kg	
74-95-3	Methylene bromide	ND	5.8	2.3	ug/kg	
75-09-2	Methylene chloride	ND	12	5.8	ug/kg	
78-93-3	Methyl ethyl ketone	ND	29	12	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.8	2.3	ug/kg	
91-20-3	Naphthalene	ND	5.8	2.3	ug/kg	
76-01-7	Pentachloroethane	ND	29	5.8	ug/kg	
107-12-0	Propionitrile	ND	58	12	ug/kg	
103-65-1	n-Propylbenzene	ND	5.8	2.3	ug/kg	
100-42-5	Styrene	ND	5.8	2.3	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.8	2.3	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.8	2.3	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.8	2.3	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.8	2.3	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.8	2.3	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.8	2.3	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.8	2.3	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB17FD-4,11		
Lab Sample ID:	F35686-7	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	78.0
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	5.8	2.3	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.8	2.3	ug/kg	
127-18-4	Tetrachloroethylene	ND	5.8	2.3	ug/kg	
108-88-3	Toluene	ND	5.8	2.3	ug/kg	
79-01-6	Trichloroethylene	ND	5.8	2.3	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.8	2.3	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	29	12	ug/kg	
75-01-4	Vinyl chloride	ND	5.8	2.3	ug/kg	
108-05-4	Vinyl Acetate	ND	29	12	ug/kg	
	m,p-Xylene	ND	12	2.9	ug/kg	
95-47-6	o-Xylene	ND	5.8	2.3	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		78-123%
2037-26-5	Toluene-D8	93%		71-137%
460-00-4	4-Bromofluorobenzene	96%		61-157%
17060-07-0	1,2-Dichloroethane-D4	93%		74-125%

(a) Sample was received in a bulk container but was not preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB17FD-4,11		
Lab Sample ID:	F35686-7	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	78.0
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F012144.D	1	10/25/05	NJ	10/20/05	OP14755	SF662
Run #2							

	Initial Weight	Final Volume
Run #1	30.3 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1100	420	ug/kg	
95-57-8	2-Chlorophenol	ND	210	42	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	210	42	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	210	42	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	210	42	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1100	420	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	420	85	ug/kg	
95-48-7	2-Methylphenol	ND	210	42	ug/kg	
	3&4-Methylphenol	ND	210	42	ug/kg	
88-75-5	2-Nitrophenol	ND	210	42	ug/kg	
100-02-7	4-Nitrophenol	ND	1100	420	ug/kg	
87-86-5	Pentachlorophenol	ND	1100	420	ug/kg	
108-95-2	Phenol	ND	210	42	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	210	42	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	210	42	ug/kg	
83-32-9	Acenaphthene	ND	210	42	ug/kg	
208-96-8	Acenaphthylene	ND	210	42	ug/kg	
120-12-7	Anthracene	ND	210	42	ug/kg	
92-87-5	Benzidine	ND	2100	1100	ug/kg	
56-55-3	Benzo(a)anthracene	ND	210	42	ug/kg	
50-32-8	Benzo(a)pyrene	ND	210	42	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	210	42	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	210	85	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	210	42	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	210	42	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	420	110	ug/kg	
100-51-6	Benzyl Alcohol	ND	210	42	ug/kg	
91-58-7	2-Chloronaphthalene	ND	210	42	ug/kg	
106-47-8	4-Chloroaniline	ND	420	170	ug/kg	
218-01-9	Chrysene	ND	210	42	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	210	42	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	210	85	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB17FD-4,11		
Lab Sample ID:	F35686-7	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	78.0
Project:	HOLMN		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	210	42	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	210	42	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	210	42	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	210	42	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	210	42	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	210	85	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	210	85	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	420	210	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	210	85	ug/kg	
132-64-9	Dibenzofuran	ND	210	42	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	420	110	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	420	210	ug/kg	
84-66-2	Diethyl phthalate	ND	420	110	ug/kg	
131-11-3	Dimethyl phthalate	ND	420	110	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	420	210	ug/kg	
206-44-0	Fluoranthene	ND	210	42	ug/kg	
86-73-7	Fluorene	ND	210	42	ug/kg	
118-74-1	Hexachlorobenzene	ND	210	42	ug/kg	
87-68-3	Hexachlorobutadiene	ND	210	85	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	210	85	ug/kg	
67-72-1	Hexachloroethane	ND	210	85	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	210	85	ug/kg	
78-59-1	Isophorone	ND	210	42	ug/kg	
91-57-6	2-Methylnaphthalene	ND	210	42	ug/kg	
88-74-4	2-Nitroaniline	ND	420	110	ug/kg	
99-09-2	3-Nitroaniline	ND	420	110	ug/kg	
100-01-6	4-Nitroaniline	ND	420	150	ug/kg	
91-20-3	Naphthalene	ND	210	42	ug/kg	
98-95-3	Nitrobenzene	ND	210	42	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	210	85	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	210	42	ug/kg	
85-01-8	Phenanthrene	ND	210	42	ug/kg	
129-00-0	Pyrene	ND	210	85	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	210	42	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	53%		45-114%
4165-62-2	Phenol-d5	50%		44-124%
118-79-6	2,4,6-Tribromophenol	67%		50-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB17FD-4,11		
Lab Sample ID:	F35686-7	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	78.0
Project:	HOLMN		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	55%		41-123%
321-60-8	2-Fluorobiphenyl	56%		46-122%
1718-51-0	Terphenyl-d14	68%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB17FD-4,11		
Lab Sample ID:	F35686-7	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8015	**Percent Solids:**	78.0
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	HH017246.D	1	10/21/05	AB	n/a	n/a	GHH789
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	4.73 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	8.2	4.1	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	89%		62-135%
98-08-8	aaa-Trifluorotoluene	94%		65-118%

(a) Sample was received in a bulk container and preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB17FD-4,11		
Lab Sample ID:	F35686-7	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	78.0
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	IJ26580.D	1	11/01/05	SD	10/31/05	OP14860	GIJ1252
Run #2	IJ26409.D	1	10/21/05	ME	10/19/05	OP14738	GIJ1246

	Initial Weight	Final Volume
Run #1	30.8 g	1.0 ml
Run #2	30.3 g	1.0 ml

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	10	6.2	mg/kg	
	TPH (> C22-C36)	15.6	10	6.2	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	64%	51%	57-115%

(a) Sample re-extracted beyond hold time; reported results are considered minimum values. Higher values were reported.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB17FD-31,38		
Lab Sample ID:	F35686-8	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	69.5
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0035352.D	1	10/24/05	RAW	n/a	n/a	VG1360
Run #2							

	Initial Weight
Run #1	5.31 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	68	34	ug/kg	
75-05-8	Acetonitrile	ND	68	27	ug/kg	
107-02-8	Acrolein	ND	34	17	ug/kg	
107-13-1	Acrylonitrile	ND	34	17	ug/kg	
107-05-1	Allyl chloride	ND	34	6.8	ug/kg	
71-43-2	Benzene	ND	6.8	2.7	ug/kg	
100-44-7	Benzyl Chloride	ND	6.8	3.4	ug/kg	
108-86-1	Bromobenzene	ND	6.8	2.7	ug/kg	
74-97-5	Bromochloromethane	ND	6.8	2.7	ug/kg	
75-27-4	Bromodichloromethane	ND	6.8	2.7	ug/kg	
75-25-2	Bromoform	ND	6.8	2.7	ug/kg	
104-51-8	n-Butylbenzene	ND	6.8	2.7	ug/kg	
135-98-8	sec-Butylbenzene	ND	6.8	2.7	ug/kg	
98-06-6	tert-Butylbenzene	ND	6.8	2.7	ug/kg	
108-90-7	Chlorobenzene	ND	6.8	2.7	ug/kg	
75-00-3	Chloroethane	ND	6.8	2.7	ug/kg	
67-66-3	Chloroform	ND	6.8	2.7	ug/kg	
544-10-5	1-Chlorohexane	ND	6.8	2.7	ug/kg	
95-49-8	o-Chlorotoluene	ND	6.8	2.7	ug/kg	
106-43-4	p-Chlorotoluene	ND	6.8	2.7	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	34	14	ug/kg	
75-15-0	Carbon disulfide	ND	6.8	2.7	ug/kg	
56-23-5	Carbon tetrachloride	ND	6.8	2.7	ug/kg	
75-34-3	1,1-Dichloroethane	ND	6.8	2.7	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	6.8	2.7	ug/kg	
563-58-6	1,1-Dichloropropene	ND	6.8	2.7	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	6.8	2.7	ug/kg	
106-93-4	1,2-Dibromoethane	ND	6.8	2.7	ug/kg	
107-06-2	1,2-Dichloroethane	ND	6.8	2.7	ug/kg	
78-87-5	1,2-Dichloropropane	ND	6.8	2.7	ug/kg	
142-28-9	1,3-Dichloropropane	ND	6.8	2.7	ug/kg	
594-20-7	2,2-Dichloropropane	ND	6.8	2.7	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB17FD-31,38		
Lab Sample ID:	F35686-8	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	69.5
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	6.8	2.7	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.8	4.1	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	6.8	2.7	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	6.8	2.7	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	34		ug/kg	
541-73-1	m-Dichlorobenzene	ND	6.8	2.7	ug/kg	
95-50-1	o-Dichlorobenzene	ND	6.8	2.7	ug/kg	
106-46-7	p-Dichlorobenzene	ND	6.8	2.7	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	6.8	2.7	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	6.8	2.7	ug/kg	
100-41-4	Ethylbenzene	ND	6.8	2.7	ug/kg	
97-63-2	Ethyl methacrylate	ND	34	6.8	ug/kg	
76-13-1	Freon 113	ND	6.8	2.7	ug/kg	
591-78-6	2-Hexanone	ND	34	14	ug/kg	
87-68-3	Hexachlorobutadiene	ND	6.8	2.7	ug/kg	
110-54-3	Hexane	ND	6.8	2.7	ug/kg	
98-82-8	Isopropylbenzene	ND	6.8	2.7	ug/kg	
99-87-6	p-Isopropyltoluene	ND	6.8	2.7	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	34	14	ug/kg	
126-98-7	Methacrylonitrile	ND	34	14	ug/kg	
74-83-9	Methyl bromide	ND	6.8	2.7	ug/kg	
74-87-3	Methyl chloride	ND	6.8	2.7	ug/kg	
74-88-4	Methyl iodide	ND	14	2.7	ug/kg	
80-62-6	Methyl methacrylate	ND	34	6.8	ug/kg	
74-95-3	Methylene bromide	ND	6.8	2.7	ug/kg	
75-09-2	Methylene chloride	ND	14	6.8	ug/kg	
78-93-3	Methyl ethyl ketone	ND	34	14	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	6.8	2.7	ug/kg	
91-20-3	Naphthalene	ND	6.8	2.7	ug/kg	
76-01-7	Pentachloroethane	ND	34	6.8	ug/kg	
107-12-0	Propionitrile	ND	68	14	ug/kg	
103-65-1	n-Propylbenzene	ND	6.8	2.7	ug/kg	
100-42-5	Styrene	ND	6.8	2.7	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	6.8	2.7	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	6.8	2.7	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6.8	2.7	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	6.8	2.7	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.8	2.7	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	6.8	2.7	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.8	2.7	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB17FD-31,38		
Lab Sample ID:	F35686-8	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	69.5
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	6.8	2.7	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	6.8	2.7	ug/kg	
127-18-4	Tetrachloroethylene	ND	6.8	2.7	ug/kg	
108-88-3	Toluene	ND	6.8	2.7	ug/kg	
79-01-6	Trichloroethylene	ND	6.8	2.7	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.8	2.7	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	34	14	ug/kg	
75-01-4	Vinyl chloride	ND	6.8	2.7	ug/kg	
108-05-4	Vinyl Acetate	ND	34	14	ug/kg	
	m,p-Xylene	ND	14	3.4	ug/kg	
95-47-6	o-Xylene	ND	6.8	2.7	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	93%		78-123%
2037-26-5	Toluene-D8	88%		71-137%
460-00-4	4-Bromofluorobenzene	88%		61-157%
17060-07-0	1,2-Dichloroethane-D4	89%		74-125%

(a) Sample was received in a bulk container but was not preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB17FD-31,38		
Lab Sample ID:	F35686-8	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	69.5
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	F012145.D	1	10/25/05	NJ	10/20/05	OP14755	SF662
Run #2							

	Initial Weight	Final Volume
Run #1	30.2 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1200	480	ug/kg	
95-57-8	2-Chlorophenol	ND	240	48	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	240	48	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	240	48	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	240	48	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1200	480	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	480	95	ug/kg	
95-48-7	2-Methylphenol	ND	240	48	ug/kg	
	3&4-Methylphenol	ND	240	48	ug/kg	
88-75-5	2-Nitrophenol	ND	240	48	ug/kg	
100-02-7	4-Nitrophenol	ND	1200	480	ug/kg	
87-86-5	Pentachlorophenol	ND	1200	480	ug/kg	
108-95-2	Phenol	ND	240	48	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	240	48	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	240	48	ug/kg	
83-32-9	Acenaphthene	ND	240	48	ug/kg	
208-96-8	Acenaphthylene	ND	240	48	ug/kg	
120-12-7	Anthracene	ND	240	48	ug/kg	
92-87-5	Benzidine	ND	2400	1200	ug/kg	
56-55-3	Benzo(a)anthracene	ND	240	48	ug/kg	
50-32-8	Benzo(a)pyrene	ND	240	48	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	240	48	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	240	95	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	240	48	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	240	48	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	480	120	ug/kg	
100-51-6	Benzyl Alcohol	ND	240	48	ug/kg	
91-58-7	2-Chloronaphthalene	ND	240	48	ug/kg	
106-47-8	4-Chloroaniline	ND	480	190	ug/kg	
218-01-9	Chrysene	ND	240	48	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	240	48	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	240	95	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB17FD-31,38		
Lab Sample ID:	F35686-8	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	69.5
Project:	HOLMN		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	240	48	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	240	48	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	240	48	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	240	48	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	240	48	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	240	95	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	240	95	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	480	240	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	240	95	ug/kg	
132-64-9	Dibenzofuran	ND	240	48	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	480	120	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	480	240	ug/kg	
84-66-2	Diethyl phthalate	128	480	120	ug/kg	J
131-11-3	Dimethyl phthalate	ND	480	120	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	480	240	ug/kg	
206-44-0	Fluoranthene	ND	240	48	ug/kg	
86-73-7	Fluorene	ND	240	48	ug/kg	
118-74-1	Hexachlorobenzene	ND	240	48	ug/kg	
87-68-3	Hexachlorobutadiene	ND	240	95	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	240	95	ug/kg	
67-72-1	Hexachloroethane	ND	240	95	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	240	95	ug/kg	
78-59-1	Isophorone	ND	240	48	ug/kg	
91-57-6	2-Methylnaphthalene	ND	240	48	ug/kg	
88-74-4	2-Nitroaniline	ND	480	120	ug/kg	
99-09-2	3-Nitroaniline	ND	480	120	ug/kg	
100-01-6	4-Nitroaniline	ND	480	170	ug/kg	
91-20-3	Naphthalene	ND	240	48	ug/kg	
98-95-3	Nitrobenzene	ND	240	48	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	240	95	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	240	48	ug/kg	
85-01-8	Phenanthrene	ND	240	48	ug/kg	
129-00-0	Pyrene	ND	240	95	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	240	48	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	71%		45-114%
4165-62-2	Phenol-d5	66%		44-124%
118-79-6	2,4,6-Tribromophenol	75%		50-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB17FD-31,38		
Lab Sample ID:	F35686-8	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	69.5
Project:	HOLMN		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	68%		41-123%
321-60-8	2-Fluorobiphenyl	73%		46-122%
1718-51-0	Terphenyl-d14	79%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB17FD-31,38		
Lab Sample ID:	F35686-8	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8015	**Percent Solids:**	69.5
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	HH017247.D	1	10/21/05	AB	n/a	n/a	GHH789
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	4.99 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	9.4	4.7	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	91%		62-135%
98-08-8	aaa-Trifluorotoluene	92%		65-118%

(a) Sample was received in a bulk container and preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB17FD-31,38		
Lab Sample ID:	F35686-8	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	69.5
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	IJ26581.D	1	11/01/05	SD	10/31/05	OP14860	GIJ1252
Run #2	IJ26410.D	1	10/21/05	ME	10/19/05	OP14738	GIJ1246

	Initial Weight	Final Volume
Run #1	30.0 g	1.0 ml
Run #2	30.5 g	1.0 ml

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	12	7.2	mg/kg	
	TPH (> C22-C36)	ND	12	7.2	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	68%	51%	57-115%

(a) Sample re-extracted beyond hold time; reported results are considered minimum values. Higher values were reported.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB17FD-60,67		
Lab Sample ID:	F35686-9	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	71.3
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0035353.D	1	10/24/05	RAW	n/a	n/a	VG1360
Run #2							

	Initial Weight
Run #1	5.76 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	61	30	ug/kg	
75-05-8	Acetonitrile	ND	61	24	ug/kg	
107-02-8	Acrolein	ND	30	15	ug/kg	
107-13-1	Acrylonitrile	ND	30	15	ug/kg	
107-05-1	Allyl chloride	ND	30	6.1	ug/kg	
71-43-2	Benzene	ND	6.1	2.4	ug/kg	
100-44-7	Benzyl Chloride	ND	6.1	3.0	ug/kg	
108-86-1	Bromobenzene	ND	6.1	2.4	ug/kg	
74-97-5	Bromochloromethane	ND	6.1	2.4	ug/kg	
75-27-4	Bromodichloromethane	ND	6.1	2.4	ug/kg	
75-25-2	Bromoform	ND	6.1	2.4	ug/kg	
104-51-8	n-Butylbenzene	ND	6.1	2.4	ug/kg	
135-98-8	sec-Butylbenzene	ND	6.1	2.4	ug/kg	
98-06-6	tert-Butylbenzene	ND	6.1	2.4	ug/kg	
108-90-7	Chlorobenzene	ND	6.1	2.4	ug/kg	
75-00-3	Chloroethane	ND	6.1	2.4	ug/kg	
67-66-3	Chloroform	ND	6.1	2.4	ug/kg	
544-10-5	1-Chlorohexane	ND	6.1	2.4	ug/kg	
95-49-8	o-Chlorotoluene	ND	6.1	2.4	ug/kg	
106-43-4	p-Chlorotoluene	ND	6.1	2.4	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	30	12	ug/kg	
75-15-0	Carbon disulfide	ND	6.1	2.4	ug/kg	
56-23-5	Carbon tetrachloride	ND	6.1	2.4	ug/kg	
75-34-3	1,1-Dichloroethane	ND	6.1	2.4	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	6.1	2.4	ug/kg	
563-58-6	1,1-Dichloropropene	ND	6.1	2.4	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	6.1	2.4	ug/kg	
106-93-4	1,2-Dibromoethane	ND	6.1	2.4	ug/kg	
107-06-2	1,2-Dichloroethane	ND	6.1	2.4	ug/kg	
78-87-5	1,2-Dichloropropane	ND	6.1	2.4	ug/kg	
142-28-9	1,3-Dichloropropane	ND	6.1	2.4	ug/kg	
594-20-7	2,2-Dichloropropane	ND	6.1	2.4	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB17FD-60,67		
Lab Sample ID:	F35686-9	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	71.3
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	6.1	2.4	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.1	3.7	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	6.1	2.4	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	6.1	2.4	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	30		ug/kg	
541-73-1	m-Dichlorobenzene	ND	6.1	2.4	ug/kg	
95-50-1	o-Dichlorobenzene	ND	6.1	2.4	ug/kg	
106-46-7	p-Dichlorobenzene	ND	6.1	2.4	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	6.1	2.4	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	6.1	2.4	ug/kg	
100-41-4	Ethylbenzene	ND	6.1	2.4	ug/kg	
97-63-2	Ethyl methacrylate	ND	30	6.1	ug/kg	
76-13-1	Freon 113	ND	6.1	2.4	ug/kg	
591-78-6	2-Hexanone	ND	30	12	ug/kg	
87-68-3	Hexachlorobutadiene	ND	6.1	2.4	ug/kg	
110-54-3	Hexane	ND	6.1	2.4	ug/kg	
98-82-8	Isopropylbenzene	ND	6.1	2.4	ug/kg	
99-87-6	p-Isopropyltoluene	ND	6.1	2.4	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	30	12	ug/kg	
126-98-7	Methacrylonitrile	ND	30	12	ug/kg	
74-83-9	Methyl bromide	ND	6.1	2.4	ug/kg	
74-87-3	Methyl chloride	ND	6.1	2.4	ug/kg	
74-88-4	Methyl iodide	ND	12	2.4	ug/kg	
80-62-6	Methyl methacrylate	ND	30	6.1	ug/kg	
74-95-3	Methylene bromide	ND	6.1	2.4	ug/kg	
75-09-2	Methylene chloride	ND	12	6.1	ug/kg	
78-93-3	Methyl ethyl ketone	ND	30	12	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	6.1	2.4	ug/kg	
91-20-3	Naphthalene	ND	6.1	2.4	ug/kg	
76-01-7	Pentachloroethane	ND	30	6.1	ug/kg	
107-12-0	Propionitrile	ND	61	12	ug/kg	
103-65-1	n-Propylbenzene	ND	6.1	2.4	ug/kg	
100-42-5	Styrene	ND	6.1	2.4	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	6.1	2.4	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	6.1	2.4	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6.1	2.4	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	6.1	2.4	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.1	2.4	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	6.1	2.4	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.1	2.4	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB17FD-60,67		
Lab Sample ID:	F35686-9	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	71.3
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	6.1	2.4	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	6.1	2.4	ug/kg	
127-18-4	Tetrachloroethylene	ND	6.1	2.4	ug/kg	
108-88-3	Toluene	ND	6.1	2.4	ug/kg	
79-01-6	Trichloroethylene	ND	6.1	2.4	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.1	2.4	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	30	12	ug/kg	
75-01-4	Vinyl chloride	ND	6.1	2.4	ug/kg	
108-05-4	Vinyl Acetate	ND	30	12	ug/kg	
	m,p-Xylene	ND	12	3.0	ug/kg	
95-47-6	o-Xylene	ND	6.1	2.4	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		78-123%
2037-26-5	Toluene-D8	93%		71-137%
460-00-4	4-Bromofluorobenzene	88%		61-157%
17060-07-0	1,2-Dichloroethane-D4	92%		74-125%

(a) Sample was received in a bulk container but was not preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB17FD-60,67		
Lab Sample ID:	F35686-9	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	71.3
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L028356.D	1	10/26/05	NJ	10/20/05	OP14755	SL1485
Run #2							

	Initial Weight	Final Volume
Run #1	30.3 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1200	460	ug/kg	
95-57-8	2-Chlorophenol	ND	230	46	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	230	46	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	230	46	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	230	46	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1200	460	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	460	93	ug/kg	
95-48-7	2-Methylphenol	ND	230	46	ug/kg	
	3&4-Methylphenol	ND	230	46	ug/kg	
88-75-5	2-Nitrophenol	ND	230	46	ug/kg	
100-02-7	4-Nitrophenol	ND	1200	460	ug/kg	
87-86-5	Pentachlorophenol	ND	1200	460	ug/kg	
108-95-2	Phenol	ND	230	46	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	230	46	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	230	46	ug/kg	
83-32-9	Acenaphthene	ND	230	46	ug/kg	
208-96-8	Acenaphthylene	ND	230	46	ug/kg	
120-12-7	Anthracene	ND	230	46	ug/kg	
92-87-5	Benzidine	ND	2300	1200	ug/kg	
56-55-3	Benzo(a)anthracene	ND	230	46	ug/kg	
50-32-8	Benzo(a)pyrene	ND	230	46	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	230	46	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	230	93	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	230	46	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	230	46	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	460	120	ug/kg	
100-51-6	Benzyl Alcohol	ND	230	46	ug/kg	
91-58-7	2-Chloronaphthalene	ND	230	46	ug/kg	
106-47-8	4-Chloroaniline	ND	460	190	ug/kg	
218-01-9	Chrysene	ND	230	46	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	230	46	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	230	93	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB17FD-60,67		
Lab Sample ID:	F35686-9	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	71.3
Project:	HOLMN		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	230	46	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	230	46	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	230	46	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	230	46	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	230	46	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	230	93	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	230	93	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	460	230	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	230	93	ug/kg	
132-64-9	Dibenzofuran	ND	230	46	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	460	120	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	460	230	ug/kg	
84-66-2	Diethyl phthalate	ND	460	120	ug/kg	
131-11-3	Dimethyl phthalate	ND	460	120	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	460	230	ug/kg	
206-44-0	Fluoranthene	ND	230	46	ug/kg	
86-73-7	Fluorene	ND	230	46	ug/kg	
118-74-1	Hexachlorobenzene	ND	230	46	ug/kg	
87-68-3	Hexachlorobutadiene	ND	230	93	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	230	93	ug/kg	
67-72-1	Hexachloroethane	ND	230	93	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	230	93	ug/kg	
78-59-1	Isophorone	ND	230	46	ug/kg	
91-57-6	2-Methylnaphthalene	ND	230	46	ug/kg	
88-74-4	2-Nitroaniline	ND	460	120	ug/kg	
99-09-2	3-Nitroaniline	ND	460	120	ug/kg	
100-01-6	4-Nitroaniline	ND	460	160	ug/kg	
91-20-3	Naphthalene	ND	230	46	ug/kg	
98-95-3	Nitrobenzene	ND	230	46	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	230	93	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	230	46	ug/kg	
85-01-8	Phenanthrene	ND	230	46	ug/kg	
129-00-0	Pyrene	ND	230	93	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	230	46	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	62%		45-114%
4165-62-2	Phenol-d5	62%		44-124%
118-79-6	2,4,6-Tribromophenol	66%		50-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB17FD-60,67		
Lab Sample ID:	F35686-9	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	71.3
Project:	HOLMN		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	59%		41-123%
321-60-8	2-Fluorobiphenyl	65%		46-122%
1718-51-0	Terphenyl-d14	70%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB17FD-60,67		
Lab Sample ID:	F35686-9	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8015	**Percent Solids:**	71.3
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	HH017248.D	1	10/21/05	AB	n/a	n/a	GHH789
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	4.74 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	9.4	4.7	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	89%		62-135%
98-08-8	aaa-Trifluorotoluene	93%		65-118%

(a) Sample was received in a bulk container and preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB17FD-60,67		
Lab Sample ID:	F35686-9	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	71.3
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	IJ26411.D	1	10/21/05	ME	10/19/05	OP14738	GIJ1246
Run #2							

	Initial Weight	Final Volume
Run #1	30.6 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	11	6.9	mg/kg	
	TPH (> C22-C36)	ND	11	6.9	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	58%		57-115%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB18-4,10		
Lab Sample ID:	F35686-10	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	79.7
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0035354.D	1	10/24/05	RAW	n/a	n/a	VG1360
Run #2							

	Initial Weight
Run #1	5.48 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	57	29	ug/kg	
75-05-8	Acetonitrile	ND	57	23	ug/kg	
107-02-8	Acrolein	ND	29	14	ug/kg	
107-13-1	Acrylonitrile	ND	29	14	ug/kg	
107-05-1	Allyl chloride	ND	29	5.7	ug/kg	
71-43-2	Benzene	ND	5.7	2.3	ug/kg	
100-44-7	Benzyl Chloride	ND	5.7	2.9	ug/kg	
108-86-1	Bromobenzene	ND	5.7	2.3	ug/kg	
74-97-5	Bromochloromethane	ND	5.7	2.3	ug/kg	
75-27-4	Bromodichloromethane	ND	5.7	2.3	ug/kg	
75-25-2	Bromoform	ND	5.7	2.3	ug/kg	
104-51-8	n-Butylbenzene	ND	5.7	2.3	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.7	2.3	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.7	2.3	ug/kg	
108-90-7	Chlorobenzene	ND	5.7	2.3	ug/kg	
75-00-3	Chloroethane	ND	5.7	2.3	ug/kg	
67-66-3	Chloroform	ND	5.7	2.3	ug/kg	
544-10-5	1-Chlorohexane	ND	5.7	2.3	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.7	2.3	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.7	2.3	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	29	11	ug/kg	
75-15-0	Carbon disulfide	ND	5.7	2.3	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.7	2.3	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.7	2.3	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	5.7	2.3	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.7	2.3	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.7	2.3	ug/kg	
106-93-4	1,2-Dibromoethane	ND	5.7	2.3	ug/kg	
107-06-2	1,2-Dichloroethane	ND	5.7	2.3	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.7	2.3	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.7	2.3	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.7	2.3	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB18-4,10		
Lab Sample ID:	F35686-10	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	79.7
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	5.7	2.3	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.7	3.4	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	5.7	2.3	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.7	2.3	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	29		ug/kg	
541-73-1	m-Dichlorobenzene	ND	5.7	2.3	ug/kg	
95-50-1	o-Dichlorobenzene	ND	5.7	2.3	ug/kg	
106-46-7	p-Dichlorobenzene	ND	5.7	2.3	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	5.7	2.3	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.7	2.3	ug/kg	
100-41-4	Ethylbenzene	ND	5.7	2.3	ug/kg	
97-63-2	Ethyl methacrylate	ND	29	5.7	ug/kg	
76-13-1	Freon 113	ND	5.7	2.3	ug/kg	
591-78-6	2-Hexanone	ND	29	11	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.7	2.3	ug/kg	
110-54-3	Hexane	ND	5.7	2.3	ug/kg	
98-82-8	Isopropylbenzene	ND	5.7	2.3	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.7	2.3	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	29	11	ug/kg	
126-98-7	Methacrylonitrile	ND	29	11	ug/kg	
74-83-9	Methyl bromide	ND	5.7	2.3	ug/kg	
74-87-3	Methyl chloride	ND	5.7	2.3	ug/kg	
74-88-4	Methyl iodide	ND	11	2.3	ug/kg	
80-62-6	Methyl methacrylate	ND	29	5.7	ug/kg	
74-95-3	Methylene bromide	ND	5.7	2.3	ug/kg	
75-09-2	Methylene chloride	ND	11	5.7	ug/kg	
78-93-3	Methyl ethyl ketone	ND	29	11	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.7	2.3	ug/kg	
91-20-3	Naphthalene	ND	5.7	2.3	ug/kg	
76-01-7	Pentachloroethane	ND	29	5.7	ug/kg	
107-12-0	Propionitrile	ND	57	11	ug/kg	
103-65-1	n-Propylbenzene	ND	5.7	2.3	ug/kg	
100-42-5	Styrene	ND	5.7	2.3	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.7	2.3	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.7	2.3	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.7	2.3	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.7	2.3	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.7	2.3	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.7	2.3	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.7	2.3	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB18-4,10		
Lab Sample ID:	F35686-10	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	79.7
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	5.7	2.3	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.7	2.3	ug/kg	
127-18-4	Tetrachloroethylene	ND	5.7	2.3	ug/kg	
108-88-3	Toluene	ND	5.7	2.3	ug/kg	
79-01-6	Trichloroethylene	ND	5.7	2.3	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.7	2.3	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	29	11	ug/kg	
75-01-4	Vinyl chloride	ND	5.7	2.3	ug/kg	
108-05-4	Vinyl Acetate	ND	29	11	ug/kg	
	m,p-Xylene	ND	11	2.9	ug/kg	
95-47-6	o-Xylene	ND	5.7	2.3	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		78-123%
2037-26-5	Toluene-D8	88%		71-137%
460-00-4	4-Bromofluorobenzene	90%		61-157%
17060-07-0	1,2-Dichloroethane-D4	90%		74-125%

(a) Sample was received in a bulk container but was not preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB18-4,10		
Lab Sample ID:	F35686-10	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	79.7
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L028357.D	1	10/26/05	NJ	10/20/05	OP14755	SL1485
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1000	420	ug/kg	
95-57-8	2-Chlorophenol	ND	210	42	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	210	42	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	210	42	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	210	42	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1000	420	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	420	83	ug/kg	
95-48-7	2-Methylphenol	ND	210	42	ug/kg	
	3&4-Methylphenol	ND	210	42	ug/kg	
88-75-5	2-Nitrophenol	ND	210	42	ug/kg	
100-02-7	4-Nitrophenol	ND	1000	420	ug/kg	
87-86-5	Pentachlorophenol	ND	1000	420	ug/kg	
108-95-2	Phenol	ND	210	42	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	210	42	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	210	42	ug/kg	
83-32-9	Acenaphthene	ND	210	42	ug/kg	
208-96-8	Acenaphthylene	ND	210	42	ug/kg	
120-12-7	Anthracene	ND	210	42	ug/kg	
92-87-5	Benzidine	ND	2100	1000	ug/kg	
56-55-3	Benzo(a)anthracene	ND	210	42	ug/kg	
50-32-8	Benzo(a)pyrene	ND	210	42	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	210	42	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	210	83	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	210	42	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	210	42	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	420	100	ug/kg	
100-51-6	Benzyl Alcohol	ND	210	42	ug/kg	
91-58-7	2-Chloronaphthalene	ND	210	42	ug/kg	
106-47-8	4-Chloroaniline	ND	420	170	ug/kg	
218-01-9	Chrysene	ND	210	42	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	210	42	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	210	83	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB18-4,10		
Lab Sample ID:	F35686-10	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	79.7
Project:	HOLMN		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	210	42	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	210	42	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	210	42	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	210	42	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	210	42	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	210	83	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	210	83	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	420	210	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	210	83	ug/kg	
132-64-9	Dibenzofuran	ND	210	42	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	420	100	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	420	210	ug/kg	
84-66-2	Diethyl phthalate	1000	420	100	ug/kg	
131-11-3	Dimethyl phthalate	ND	420	100	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	420	210	ug/kg	
206-44-0	Fluoranthene	ND	210	42	ug/kg	
86-73-7	Fluorene	ND	210	42	ug/kg	
118-74-1	Hexachlorobenzene	ND	210	42	ug/kg	
87-68-3	Hexachlorobutadiene	ND	210	83	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	210	83	ug/kg	
67-72-1	Hexachloroethane	ND	210	83	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	210	83	ug/kg	
78-59-1	Isophorone	ND	210	42	ug/kg	
91-57-6	2-Methylnaphthalene	ND	210	42	ug/kg	
88-74-4	2-Nitroaniline	ND	420	100	ug/kg	
99-09-2	3-Nitroaniline	ND	420	100	ug/kg	
100-01-6	4-Nitroaniline	ND	420	150	ug/kg	
91-20-3	Naphthalene	ND	210	42	ug/kg	
98-95-3	Nitrobenzene	ND	210	42	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	210	83	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	210	42	ug/kg	
85-01-8	Phenanthrene	ND	210	42	ug/kg	
129-00-0	Pyrene	ND	210	83	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	210	42	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	56%		45-114%
4165-62-2	Phenol-d5	57%		44-124%
118-79-6	2,4,6-Tribromophenol	79%		50-128%

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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB18-4,10		
Lab Sample ID:	F35686-10	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	79.7
Project:	HOLMN		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	57%		41-123%
321-60-8	2-Fluorobiphenyl	62%		46-122%
1718-51-0	Terphenyl-d14	77%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB18-4,10		
Lab Sample ID:	F35686-10	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8015	**Percent Solids:**	79.7
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	HH017249.D	1	10/21/05	AB	n/a	n/a	GHH789
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.48 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	7.0	3.5	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	88%		62-135%
98-08-8	aaa-Trifluorotoluene	94%		65-118%

(a) Sample was received in a bulk container and preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB18-4,10		
Lab Sample ID:	F35686-10	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	79.7
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	IJ26582.D	1	11/01/05	SD	10/31/05	OP14860	GIJ1252
Run #2	IJ26412.D	1	10/21/05	ME	10/19/05	OP14738	GIJ1246

	Initial Weight	Final Volume
Run #1	30.4 g	1.0 ml
Run #2	30.3 g	1.0 ml

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	10	6.2	mg/kg	
	TPH (> C22-C36)	8.41	10	6.2	mg/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	77%	43%	57-115%

(a) Sample re-extracted beyond hold time; reported results are considered minimum values. Higher values were reported.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB18-31,38		
Lab Sample ID:	F35686-11	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	73.0
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0035355.D	1	10/24/05	RAW	n/a	n/a	VG1360
Run #2							

	Initial Weight
Run #1	5.59 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	61	31	ug/kg	
75-05-8	Acetonitrile	ND	61	25	ug/kg	
107-02-8	Acrolein	ND	31	15	ug/kg	
107-13-1	Acrylonitrile	ND	31	15	ug/kg	
107-05-1	Allyl chloride	ND	31	6.1	ug/kg	
71-43-2	Benzene	ND	6.1	2.5	ug/kg	
100-44-7	Benzyl Chloride	ND	6.1	3.1	ug/kg	
108-86-1	Bromobenzene	ND	6.1	2.5	ug/kg	
74-97-5	Bromochloromethane	ND	6.1	2.5	ug/kg	
75-27-4	Bromodichloromethane	ND	6.1	2.5	ug/kg	
75-25-2	Bromoform	ND	6.1	2.5	ug/kg	
104-51-8	n-Butylbenzene	ND	6.1	2.5	ug/kg	
135-98-8	sec-Butylbenzene	ND	6.1	2.5	ug/kg	
98-06-6	tert-Butylbenzene	ND	6.1	2.5	ug/kg	
108-90-7	Chlorobenzene	ND	6.1	2.5	ug/kg	
75-00-3	Chloroethane	ND	6.1	2.5	ug/kg	
67-66-3	Chloroform	ND	6.1	2.5	ug/kg	
544-10-5	1-Chlorohexane	ND	6.1	2.5	ug/kg	
95-49-8	o-Chlorotoluene	ND	6.1	2.5	ug/kg	
106-43-4	p-Chlorotoluene	ND	6.1	2.5	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	31	12	ug/kg	
75-15-0	Carbon disulfide	ND	6.1	2.5	ug/kg	
56-23-5	Carbon tetrachloride	ND	6.1	2.5	ug/kg	
75-34-3	1,1-Dichloroethane	ND	6.1	2.5	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	6.1	2.5	ug/kg	
563-58-6	1,1-Dichloropropene	ND	6.1	2.5	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	6.1	2.5	ug/kg	
106-93-4	1,2-Dibromoethane	ND	6.1	2.5	ug/kg	
107-06-2	1,2-Dichloroethane	ND	6.1	2.5	ug/kg	
78-87-5	1,2-Dichloropropane	ND	6.1	2.5	ug/kg	
142-28-9	1,3-Dichloropropane	ND	6.1	2.5	ug/kg	
594-20-7	2,2-Dichloropropane	ND	6.1	2.5	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB18-31,38		
Lab Sample ID:	F35686-11	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	73.0
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	6.1	2.5	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.1	3.7	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	6.1	2.5	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	6.1	2.5	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	31		ug/kg	
541-73-1	m-Dichlorobenzene	ND	6.1	2.5	ug/kg	
95-50-1	o-Dichlorobenzene	ND	6.1	2.5	ug/kg	
106-46-7	p-Dichlorobenzene	ND	6.1	2.5	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	6.1	2.5	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	6.1	2.5	ug/kg	
100-41-4	Ethylbenzene	ND	6.1	2.5	ug/kg	
97-63-2	Ethyl methacrylate	ND	31	6.1	ug/kg	
76-13-1	Freon 113	ND	6.1	2.5	ug/kg	
591-78-6	2-Hexanone	ND	31	12	ug/kg	
87-68-3	Hexachlorobutadiene	ND	6.1	2.5	ug/kg	
110-54-3	Hexane	ND	6.1	2.5	ug/kg	
98-82-8	Isopropylbenzene	ND	6.1	2.5	ug/kg	
99-87-6	p-Isopropyltoluene	ND	6.1	2.5	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	31	12	ug/kg	
126-98-7	Methacrylonitrile	ND	31	12	ug/kg	
74-83-9	Methyl bromide	ND	6.1	2.5	ug/kg	
74-87-3	Methyl chloride	ND	6.1	2.5	ug/kg	
74-88-4	Methyl iodide	ND	12	2.5	ug/kg	
80-62-6	Methyl methacrylate	ND	31	6.1	ug/kg	
74-95-3	Methylene bromide	ND	6.1	2.5	ug/kg	
75-09-2	Methylene chloride	ND	12	6.1	ug/kg	
78-93-3	Methyl ethyl ketone	ND	31	12	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	6.1	2.5	ug/kg	
91-20-3	Naphthalene	ND	6.1	2.5	ug/kg	
76-01-7	Pentachloroethane	ND	31	6.1	ug/kg	
107-12-0	Propionitrile	ND	61	12	ug/kg	
103-65-1	n-Propylbenzene	ND	6.1	2.5	ug/kg	
100-42-5	Styrene	ND	6.1	2.5	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	6.1	2.5	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	6.1	2.5	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6.1	2.5	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	6.1	2.5	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.1	2.5	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	6.1	2.5	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.1	2.5	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB18-31,38		
Lab Sample ID:	F35686-11	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	73.0
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	6.1	2.5	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	6.1	2.5	ug/kg	
127-18-4	Tetrachloroethylene	ND	6.1	2.5	ug/kg	
108-88-3	Toluene	ND	6.1	2.5	ug/kg	
79-01-6	Trichloroethylene	ND	6.1	2.5	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.1	2.5	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	31	12	ug/kg	
75-01-4	Vinyl chloride	ND	6.1	2.5	ug/kg	
108-05-4	Vinyl Acetate	ND	31	12	ug/kg	
	m,p-Xylene	ND	12	3.1	ug/kg	
95-47-6	o-Xylene	ND	6.1	2.5	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		78-123%
2037-26-5	Toluene-D8	89%		71-137%
460-00-4	4-Bromofluorobenzene	84%		61-157%
17060-07-0	1,2-Dichloroethane-D4	92%		74-125%

(a) Sample was received in a bulk container but was not preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB18-31,38		
Lab Sample ID:	F35686-11	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	73.0
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L028325.D	1	10/25/05	NJ	10/21/05	OP14774	SL1484
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1100	460	ug/kg	
95-57-8	2-Chlorophenol	ND	230	46	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	230	46	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	230	46	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	230	46	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1100	460	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	460	91	ug/kg	
95-48-7	2-Methylphenol	ND	230	46	ug/kg	
	3&4-Methylphenol	ND	230	46	ug/kg	
88-75-5	2-Nitrophenol	ND	230	46	ug/kg	
100-02-7	4-Nitrophenol	ND	1100	460	ug/kg	
87-86-5	Pentachlorophenol	ND	1100	460	ug/kg	
108-95-2	Phenol	ND	230	46	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	230	46	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	230	46	ug/kg	
83-32-9	Acenaphthene	ND	230	46	ug/kg	
208-96-8	Acenaphthylene	ND	230	46	ug/kg	
120-12-7	Anthracene	ND	230	46	ug/kg	
92-87-5	Benzidine	ND	2300	1100	ug/kg	
56-55-3	Benzo(a)anthracene	ND	230	46	ug/kg	
50-32-8	Benzo(a)pyrene	ND	230	46	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	230	46	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	230	91	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	230	46	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	230	46	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	460	110	ug/kg	
100-51-6	Benzyl Alcohol	ND	230	46	ug/kg	
91-58-7	2-Chloronaphthalene	ND	230	46	ug/kg	
106-47-8	4-Chloroaniline	ND	460	180	ug/kg	
218-01-9	Chrysene	ND	230	46	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	230	46	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	230	91	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB18-31,38		
Lab Sample ID:	F35686-11	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	73.0
Project:	HOLMN		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	230	46	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	230	46	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	230	46	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	230	46	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	230	46	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	230	91	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	230	91	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	460	230	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	230	91	ug/kg	
132-64-9	Dibenzofuran	ND	230	46	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	460	110	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	460	230	ug/kg	
84-66-2	Diethyl phthalate	ND	460	110	ug/kg	
131-11-3	Dimethyl phthalate	ND	460	110	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	460	230	ug/kg	
206-44-0	Fluoranthene	ND	230	46	ug/kg	
86-73-7	Fluorene	ND	230	46	ug/kg	
118-74-1	Hexachlorobenzene	ND	230	46	ug/kg	
87-68-3	Hexachlorobutadiene	ND	230	91	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	230	91	ug/kg	
67-72-1	Hexachloroethane	ND	230	91	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	230	91	ug/kg	
78-59-1	Isophorone	ND	230	46	ug/kg	
91-57-6	2-Methylnaphthalene	ND	230	46	ug/kg	
88-74-4	2-Nitroaniline	ND	460	110	ug/kg	
99-09-2	3-Nitroaniline	ND	460	110	ug/kg	
100-01-6	4-Nitroaniline	ND	460	160	ug/kg	
91-20-3	Naphthalene	ND	230	46	ug/kg	
98-95-3	Nitrobenzene	ND	230	46	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	230	91	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	230	46	ug/kg	
85-01-8	Phenanthrene	ND	230	46	ug/kg	
129-00-0	Pyrene	ND	230	91	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	230	46	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	68%		45-114%
4165-62-2	Phenol-d5	68%		44-124%
118-79-6	2,4,6-Tribromophenol	76%		50-128%

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J = Indicates an estimated value
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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB18-31,38		
Lab Sample ID:	F35686-11	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	73.0
Project:	HOLMN		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	69%		41-123%
321-60-8	2-Fluorobiphenyl	71%		46-122%
1718-51-0	Terphenyl-d14	78%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB18-31,38		
Lab Sample ID:	F35686-11	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8015	**Percent Solids:**	73.0
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	HH017250.D	1	10/21/05	AB	n/a	n/a	GHH789
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.06 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	8.6	4.3	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	88%		62-135%
98-08-8	aaa-Trifluorotoluene	93%		65-118%

(a) Sample was received in a bulk container and preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB18-31,38		
Lab Sample ID:	F35686-11	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	73.0
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	IJ26583.D	1	11/01/05	SD	10/31/05	OP14860	GIJ1252
Run #2	IJ26413.D	1	10/21/05	ME	10/19/05	OP14738	GIJ1246

	Initial Weight	Final Volume
Run #1	30.7 g	1.0 ml
Run #2	30.2 g	1.0 ml

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	11	6.7	mg/kg	
	TPH (> C22-C36)	ND	11	6.7	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	63%	55%	57-115%

(a) Sample re-extracted beyond hold time; reported results are considered minimum values. Higher values were reported.

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E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB18-61,68		
Lab Sample ID:	F35686-12	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	71.1
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0035356.D	1	10/24/05	RAW	n/a	n/a	VG1360
Run #2							

	Initial Weight
Run #1	5.68 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	62	31	ug/kg	
75-05-8	Acetonitrile	ND	62	25	ug/kg	
107-02-8	Acrolein	ND	31	15	ug/kg	
107-13-1	Acrylonitrile	ND	31	15	ug/kg	
107-05-1	Allyl chloride	ND	31	6.2	ug/kg	
71-43-2	Benzene	ND	6.2	2.5	ug/kg	
100-44-7	Benzyl Chloride	ND	6.2	3.1	ug/kg	
108-86-1	Bromobenzene	ND	6.2	2.5	ug/kg	
74-97-5	Bromochloromethane	ND	6.2	2.5	ug/kg	
75-27-4	Bromodichloromethane	ND	6.2	2.5	ug/kg	
75-25-2	Bromoform	ND	6.2	2.5	ug/kg	
104-51-8	n-Butylbenzene	ND	6.2	2.5	ug/kg	
135-98-8	sec-Butylbenzene	ND	6.2	2.5	ug/kg	
98-06-6	tert-Butylbenzene	ND	6.2	2.5	ug/kg	
108-90-7	Chlorobenzene	ND	6.2	2.5	ug/kg	
75-00-3	Chloroethane	ND	6.2	2.5	ug/kg	
67-66-3	Chloroform	ND	6.2	2.5	ug/kg	
544-10-5	1-Chlorohexane	ND	6.2	2.5	ug/kg	
95-49-8	o-Chlorotoluene	ND	6.2	2.5	ug/kg	
106-43-4	p-Chlorotoluene	ND	6.2	2.5	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	31	12	ug/kg	
75-15-0	Carbon disulfide	ND	6.2	2.5	ug/kg	
56-23-5	Carbon tetrachloride	ND	6.2	2.5	ug/kg	
75-34-3	1,1-Dichloroethane	ND	6.2	2.5	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	6.2	2.5	ug/kg	
563-58-6	1,1-Dichloropropene	ND	6.2	2.5	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	6.2	2.5	ug/kg	
106-93-4	1,2-Dibromoethane	ND	6.2	2.5	ug/kg	
107-06-2	1,2-Dichloroethane	ND	6.2	2.5	ug/kg	
78-87-5	1,2-Dichloropropane	ND	6.2	2.5	ug/kg	
142-28-9	1,3-Dichloropropane	ND	6.2	2.5	ug/kg	
594-20-7	2,2-Dichloropropane	ND	6.2	2.5	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB18-61,68		
Lab Sample ID:	F35686-12	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	71.1
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	6.2	2.5	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.2	3.7	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	6.2	2.5	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	6.2	2.5	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	31		ug/kg	
541-73-1	m-Dichlorobenzene	ND	6.2	2.5	ug/kg	
95-50-1	o-Dichlorobenzene	ND	6.2	2.5	ug/kg	
106-46-7	p-Dichlorobenzene	ND	6.2	2.5	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	6.2	2.5	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	6.2	2.5	ug/kg	
100-41-4	Ethylbenzene	ND	6.2	2.5	ug/kg	
97-63-2	Ethyl methacrylate	ND	31	6.2	ug/kg	
76-13-1	Freon 113	ND	6.2	2.5	ug/kg	
591-78-6	2-Hexanone	ND	31	12	ug/kg	
87-68-3	Hexachlorobutadiene	ND	6.2	2.5	ug/kg	
110-54-3	Hexane	ND	6.2	2.5	ug/kg	
98-82-8	Isopropylbenzene	ND	6.2	2.5	ug/kg	
99-87-6	p-Isopropyltoluene	ND	6.2	2.5	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	31	12	ug/kg	
126-98-7	Methacrylonitrile	ND	31	12	ug/kg	
74-83-9	Methyl bromide	ND	6.2	2.5	ug/kg	
74-87-3	Methyl chloride	ND	6.2	2.5	ug/kg	
74-88-4	Methyl iodide	ND	12	2.5	ug/kg	
80-62-6	Methyl methacrylate	ND	31	6.2	ug/kg	
74-95-3	Methylene bromide	ND	6.2	2.5	ug/kg	
75-09-2	Methylene chloride	ND	12	6.2	ug/kg	
78-93-3	Methyl ethyl ketone	ND	31	12	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	6.2	2.5	ug/kg	
91-20-3	Naphthalene	ND	6.2	2.5	ug/kg	
76-01-7	Pentachloroethane	ND	31	6.2	ug/kg	
107-12-0	Propionitrile	ND	62	12	ug/kg	
103-65-1	n-Propylbenzene	ND	6.2	2.5	ug/kg	
100-42-5	Styrene	ND	6.2	2.5	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	6.2	2.5	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	6.2	2.5	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6.2	2.5	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	6.2	2.5	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.2	2.5	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	6.2	2.5	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.2	2.5	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB18-61,68		
Lab Sample ID:	F35686-12	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	71.1
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	6.2	2.5	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	6.2	2.5	ug/kg	
127-18-4	Tetrachloroethylene	ND	6.2	2.5	ug/kg	
108-88-3	Toluene	ND	6.2	2.5	ug/kg	
79-01-6	Trichloroethylene	ND	6.2	2.5	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.2	2.5	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	31	12	ug/kg	
75-01-4	Vinyl chloride	ND	6.2	2.5	ug/kg	
108-05-4	Vinyl Acetate	ND	31	12	ug/kg	
	m,p-Xylene	ND	12	3.1	ug/kg	
95-47-6	o-Xylene	ND	6.2	2.5	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		78-123%
2037-26-5	Toluene-D8	89%		71-137%
460-00-4	4-Bromofluorobenzene	84%		61-157%
17060-07-0	1,2-Dichloroethane-D4	87%		74-125%

(a) Sample was received in a bulk container but was not preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB18-61,68		
Lab Sample ID:	F35686-12	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	71.1
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L028326.D	1	10/25/05	NJ	10/21/05	OP14774	SL1484
Run #2							

	Initial Weight	Final Volume
Run #1	30.3 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1200	460	ug/kg	
95-57-8	2-Chlorophenol	ND	230	46	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	230	46	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	230	46	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	230	46	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1200	460	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	460	93	ug/kg	
95-48-7	2-Methylphenol	ND	230	46	ug/kg	
	3&4-Methylphenol	ND	230	46	ug/kg	
88-75-5	2-Nitrophenol	ND	230	46	ug/kg	
100-02-7	4-Nitrophenol	ND	1200	460	ug/kg	
87-86-5	Pentachlorophenol	ND	1200	460	ug/kg	
108-95-2	Phenol	ND	230	46	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	230	46	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	230	46	ug/kg	
83-32-9	Acenaphthene	ND	230	46	ug/kg	
208-96-8	Acenaphthylene	ND	230	46	ug/kg	
120-12-7	Anthracene	ND	230	46	ug/kg	
92-87-5	Benzidine	ND	2300	1200	ug/kg	
56-55-3	Benzo(a)anthracene	ND	230	46	ug/kg	
50-32-8	Benzo(a)pyrene	ND	230	46	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	230	46	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	230	93	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	230	46	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	230	46	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	460	120	ug/kg	
100-51-6	Benzyl Alcohol	ND	230	46	ug/kg	
91-58-7	2-Chloronaphthalene	ND	230	46	ug/kg	
106-47-8	4-Chloroaniline	ND	460	190	ug/kg	
218-01-9	Chrysene	ND	230	46	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	230	46	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	230	93	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB18-61,68		
Lab Sample ID:	F35686-12	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	71.1
Project:	HOLMN		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	230	46	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	230	46	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	230	46	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	230	46	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	230	46	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	230	93	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	230	93	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	460	230	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	230	93	ug/kg	
132-64-9	Dibenzofuran	ND	230	46	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	460	120	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	460	230	ug/kg	
84-66-2	Diethyl phthalate	ND	460	120	ug/kg	
131-11-3	Dimethyl phthalate	ND	460	120	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	460	230	ug/kg	
206-44-0	Fluoranthene	ND	230	46	ug/kg	
86-73-7	Fluorene	ND	230	46	ug/kg	
118-74-1	Hexachlorobenzene	ND	230	46	ug/kg	
87-68-3	Hexachlorobutadiene	ND	230	93	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	230	93	ug/kg	
67-72-1	Hexachloroethane	ND	230	93	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	230	93	ug/kg	
78-59-1	Isophorone	ND	230	46	ug/kg	
91-57-6	2-Methylnaphthalene	ND	230	46	ug/kg	
88-74-4	2-Nitroaniline	ND	460	120	ug/kg	
99-09-2	3-Nitroaniline	ND	460	120	ug/kg	
100-01-6	4-Nitroaniline	ND	460	160	ug/kg	
91-20-3	Naphthalene	ND	230	46	ug/kg	
98-95-3	Nitrobenzene	ND	230	46	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	230	93	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	230	46	ug/kg	
85-01-8	Phenanthrene	ND	230	46	ug/kg	
129-00-0	Pyrene	ND	230	93	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	230	46	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	70%		45-114%
4165-62-2	Phenol-d5	71%		44-124%
118-79-6	2,4,6-Tribromophenol	76%		50-128%

ND = Not detected MDL - Method Detection Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB18-61,68		
Lab Sample ID:	F35686-12	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	71.1
Project:	HOLMN		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	71%		41-123%
321-60-8	2-Fluorobiphenyl	74%		46-122%
1718-51-0	Terphenyl-d14	77%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB18-61,68		
Lab Sample ID:	F35686-12	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8015	**Percent Solids:**	71.1
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	HH017251.D	1	10/21/05	AB	n/a	n/a	GHH789
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	4.40 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	10	5.0	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	90%		62-135%
98-08-8	aaa-Trifluorotoluene	94%		65-118%

(a) Sample was received in a bulk container and preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB18-61,68		
Lab Sample ID:	F35686-12	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	71.1
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	IJ26416.D	1	10/21/05	ME	10/19/05	OP14738	GIJ1246
Run #2							

	Initial Weight	Final Volume
Run #1	30.6 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	11	6.9	mg/kg	
	TPH (> C22-C36)	ND	11	6.9	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	66%		57-115%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB19-4,12		
Lab Sample ID:	F35686-13	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	81.1
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0035357.D	1	10/24/05	RAW	n/a	n/a	VG1360
Run #2							

	Initial Weight
Run #1	5.35 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	58	29	ug/kg	
75-05-8	Acetonitrile	ND	58	23	ug/kg	
107-02-8	Acrolein	ND	29	14	ug/kg	
107-13-1	Acrylonitrile	ND	29	14	ug/kg	
107-05-1	Allyl chloride	ND	29	5.8	ug/kg	
71-43-2	Benzene	ND	5.8	2.3	ug/kg	
100-44-7	Benzyl Chloride	ND	5.8	2.9	ug/kg	
108-86-1	Bromobenzene	ND	5.8	2.3	ug/kg	
74-97-5	Bromochloromethane	ND	5.8	2.3	ug/kg	
75-27-4	Bromodichloromethane	ND	5.8	2.3	ug/kg	
75-25-2	Bromoform	ND	5.8	2.3	ug/kg	
104-51-8	n-Butylbenzene	ND	5.8	2.3	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.8	2.3	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.8	2.3	ug/kg	
108-90-7	Chlorobenzene	ND	5.8	2.3	ug/kg	
75-00-3	Chloroethane	ND	5.8	2.3	ug/kg	
67-66-3	Chloroform	ND	5.8	2.3	ug/kg	
544-10-5	1-Chlorohexane	ND	5.8	2.3	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.8	2.3	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.8	2.3	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	29	12	ug/kg	
75-15-0	Carbon disulfide	ND	5.8	2.3	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.8	2.3	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.8	2.3	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	5.8	2.3	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.8	2.3	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.8	2.3	ug/kg	
106-93-4	1,2-Dibromoethane	ND	5.8	2.3	ug/kg	
107-06-2	1,2-Dichloroethane	ND	5.8	2.3	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.8	2.3	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.8	2.3	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.8	2.3	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB19-4,12		
Lab Sample ID:	F35686-13	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	81.1
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	5.8	2.3	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.8	3.5	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	5.8	2.3	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.8	2.3	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	29		ug/kg	
541-73-1	m-Dichlorobenzene	ND	5.8	2.3	ug/kg	
95-50-1	o-Dichlorobenzene	ND	5.8	2.3	ug/kg	
106-46-7	p-Dichlorobenzene	ND	5.8	2.3	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	5.8	2.3	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.8	2.3	ug/kg	
100-41-4	Ethylbenzene	ND	5.8	2.3	ug/kg	
97-63-2	Ethyl methacrylate	ND	29	5.8	ug/kg	
76-13-1	Freon 113	ND	5.8	2.3	ug/kg	
591-78-6	2-Hexanone	ND	29	12	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.8	2.3	ug/kg	
110-54-3	Hexane	ND	5.8	2.3	ug/kg	
98-82-8	Isopropylbenzene	ND	5.8	2.3	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.8	2.3	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	29	12	ug/kg	
126-98-7	Methacrylonitrile	ND	29	12	ug/kg	
74-83-9	Methyl bromide	ND	5.8	2.3	ug/kg	
74-87-3	Methyl chloride	ND	5.8	2.3	ug/kg	
74-88-4	Methyl iodide	ND	12	2.3	ug/kg	
80-62-6	Methyl methacrylate	ND	29	5.8	ug/kg	
74-95-3	Methylene bromide	ND	5.8	2.3	ug/kg	
75-09-2	Methylene chloride	ND	12	5.8	ug/kg	
78-93-3	Methyl ethyl ketone	ND	29	12	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.8	2.3	ug/kg	
91-20-3	Naphthalene	ND	5.8	2.3	ug/kg	
76-01-7	Pentachloroethane	ND	29	5.8	ug/kg	
107-12-0	Propionitrile	ND	58	12	ug/kg	
103-65-1	n-Propylbenzene	ND	5.8	2.3	ug/kg	
100-42-5	Styrene	ND	5.8	2.3	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.8	2.3	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.8	2.3	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.8	2.3	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.8	2.3	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.8	2.3	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.8	2.3	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.8	2.3	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB19-4,12		
Lab Sample ID:	F35686-13	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	81.1
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	5.8	2.3	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.8	2.3	ug/kg	
127-18-4	Tetrachloroethylene	ND	5.8	2.3	ug/kg	
108-88-3	Toluene	ND	5.8	2.3	ug/kg	
79-01-6	Trichloroethylene	ND	5.8	2.3	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.8	2.3	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	29	12	ug/kg	
75-01-4	Vinyl chloride	ND	5.8	2.3	ug/kg	
108-05-4	Vinyl Acetate	ND	29	12	ug/kg	
	m,p-Xylene	ND	12	2.9	ug/kg	
95-47-6	o-Xylene	ND	5.8	2.3	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		78-123%
2037-26-5	Toluene-D8	91%		71-137%
460-00-4	4-Bromofluorobenzene	82%		61-157%
17060-07-0	1,2-Dichloroethane-D4	92%		74-125%

(a) Sample was received in a bulk container but was not preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB19-4,12		
Lab Sample ID:	F35686-13	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	81.1
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L028327.D	1	10/25/05	NJ	10/21/05	OP14774	SL1484
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1000	410	ug/kg	
95-57-8	2-Chlorophenol	ND	200	41	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	200	41	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	200	41	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	200	41	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1000	410	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	410	82	ug/kg	
95-48-7	2-Methylphenol	ND	200	41	ug/kg	
	3&4-Methylphenol	ND	200	41	ug/kg	
88-75-5	2-Nitrophenol	ND	200	41	ug/kg	
100-02-7	4-Nitrophenol	ND	1000	410	ug/kg	
87-86-5	Pentachlorophenol	ND	1000	410	ug/kg	
108-95-2	Phenol	ND	200	41	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	200	41	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	200	41	ug/kg	
83-32-9	Acenaphthene	ND	200	41	ug/kg	
208-96-8	Acenaphthylene	ND	200	41	ug/kg	
120-12-7	Anthracene	ND	200	41	ug/kg	
92-87-5	Benzidine	ND	2000	1000	ug/kg	
56-55-3	Benzo(a)anthracene	ND	200	41	ug/kg	
50-32-8	Benzo(a)pyrene	ND	200	41	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	200	41	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	200	82	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	200	41	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	200	41	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	410	100	ug/kg	
100-51-6	Benzyl Alcohol	ND	200	41	ug/kg	
91-58-7	2-Chloronaphthalene	ND	200	41	ug/kg	
106-47-8	4-Chloroaniline	ND	410	160	ug/kg	
218-01-9	Chrysene	ND	200	41	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	200	41	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	200	82	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB19-4,12		
Lab Sample ID:	F35686-13	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	81.1
Project:	HOLMN		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	200	41	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	200	41	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	200	41	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	200	41	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	200	41	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	200	82	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	200	82	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	410	200	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	200	82	ug/kg	
132-64-9	Dibenzofuran	ND	200	41	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	410	100	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	410	200	ug/kg	
84-66-2	Diethyl phthalate	ND	410	100	ug/kg	
131-11-3	Dimethyl phthalate	ND	410	100	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	410	200	ug/kg	
206-44-0	Fluoranthene	ND	200	41	ug/kg	
86-73-7	Fluorene	ND	200	41	ug/kg	
118-74-1	Hexachlorobenzene	ND	200	41	ug/kg	
87-68-3	Hexachlorobutadiene	ND	200	82	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	200	82	ug/kg	
67-72-1	Hexachloroethane	ND	200	82	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	200	82	ug/kg	
78-59-1	Isophorone	ND	200	41	ug/kg	
91-57-6	2-Methylnaphthalene	ND	200	41	ug/kg	
88-74-4	2-Nitroaniline	ND	410	100	ug/kg	
99-09-2	3-Nitroaniline	ND	410	100	ug/kg	
100-01-6	4-Nitroaniline	ND	410	140	ug/kg	
91-20-3	Naphthalene	ND	200	41	ug/kg	
98-95-3	Nitrobenzene	ND	200	41	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	200	82	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	200	41	ug/kg	
85-01-8	Phenanthrene	ND	200	41	ug/kg	
129-00-0	Pyrene	ND	200	82	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	200	41	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	66%		45-114%
4165-62-2	Phenol-d5	67%		44-124%
118-79-6	2,4,6-Tribromophenol	77%		50-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB19-4,12		
Lab Sample ID:	F35686-13	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	81.1
Project:	HOLMN		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	67%		41-123%
321-60-8	2-Fluorobiphenyl	68%		46-122%
1718-51-0	Terphenyl-d14	76%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB19-4,12		
Lab Sample ID:	F35686-13	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8015	**Percent Solids:**	81.1
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	HH017252.D	1	10/21/05	AB	n/a	n/a	GHH789
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.32 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	7.0	3.5	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	89%		62-135%
98-08-8	aaa-Trifluorotoluene	93%		65-118%

(a) Sample was received in a bulk container and preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB19-4,12		
Lab Sample ID:	F35686-13	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	81.1
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	IJ26584.D	1	11/01/05	SD	10/31/05	OP14860	GIJ1252
Run #2	IJ26417.D	1	10/22/05	ME	10/19/05	OP14738	GIJ1246

	Initial Weight	Final Volume
Run #1	30.7 g	1.0 ml
Run #2	30.2 g	1.0 ml

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	10	6.0	mg/kg	
	TPH (> C22-C36)	ND	10	6.0	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	62%	53%	57-115%

(a) Sample re-extracted beyond hold time; reported results are considered minimum values. Higher values were reported.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB19-29,41		
Lab Sample ID:	F35686-14	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	75.6
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0035358.D	1	10/24/05	RAW	n/a	n/a	VG1360
Run #2							

	Initial Weight
Run #1	5.46 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	61	30	ug/kg	
75-05-8	Acetonitrile	ND	61	24	ug/kg	
107-02-8	Acrolein	ND	30	15	ug/kg	
107-13-1	Acrylonitrile	ND	30	15	ug/kg	
107-05-1	Allyl chloride	ND	30	6.1	ug/kg	
71-43-2	Benzene	ND	6.1	2.4	ug/kg	
100-44-7	Benzyl Chloride	ND	6.1	3.0	ug/kg	
108-86-1	Bromobenzene	ND	6.1	2.4	ug/kg	
74-97-5	Bromochloromethane	ND	6.1	2.4	ug/kg	
75-27-4	Bromodichloromethane	ND	6.1	2.4	ug/kg	
75-25-2	Bromoform	ND	6.1	2.4	ug/kg	
104-51-8	n-Butylbenzene	ND	6.1	2.4	ug/kg	
135-98-8	sec-Butylbenzene	ND	6.1	2.4	ug/kg	
98-06-6	tert-Butylbenzene	ND	6.1	2.4	ug/kg	
108-90-7	Chlorobenzene	ND	6.1	2.4	ug/kg	
75-00-3	Chloroethane	ND	6.1	2.4	ug/kg	
67-66-3	Chloroform	ND	6.1	2.4	ug/kg	
544-10-5	1-Chlorohexane	ND	6.1	2.4	ug/kg	
95-49-8	o-Chlorotoluene	ND	6.1	2.4	ug/kg	
106-43-4	p-Chlorotoluene	ND	6.1	2.4	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	30	12	ug/kg	
75-15-0	Carbon disulfide	ND	6.1	2.4	ug/kg	
56-23-5	Carbon tetrachloride	ND	6.1	2.4	ug/kg	
75-34-3	1,1-Dichloroethane	ND	6.1	2.4	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	6.1	2.4	ug/kg	
563-58-6	1,1-Dichloropropene	ND	6.1	2.4	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	6.1	2.4	ug/kg	
106-93-4	1,2-Dibromoethane	ND	6.1	2.4	ug/kg	
107-06-2	1,2-Dichloroethane	ND	6.1	2.4	ug/kg	
78-87-5	1,2-Dichloropropane	ND	6.1	2.4	ug/kg	
142-28-9	1,3-Dichloropropane	ND	6.1	2.4	ug/kg	
594-20-7	2,2-Dichloropropane	ND	6.1	2.4	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB19-29,41		
Lab Sample ID:	F35686-14	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	75.6
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	6.1	2.4	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.1	3.6	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	6.1	2.4	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	6.1	2.4	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	30		ug/kg	
541-73-1	m-Dichlorobenzene	ND	6.1	2.4	ug/kg	
95-50-1	o-Dichlorobenzene	ND	6.1	2.4	ug/kg	
106-46-7	p-Dichlorobenzene	ND	6.1	2.4	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	6.1	2.4	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	6.1	2.4	ug/kg	
100-41-4	Ethylbenzene	ND	6.1	2.4	ug/kg	
97-63-2	Ethyl methacrylate	ND	30	6.1	ug/kg	
76-13-1	Freon 113	ND	6.1	2.4	ug/kg	
591-78-6	2-Hexanone	ND	30	12	ug/kg	
87-68-3	Hexachlorobutadiene	ND	6.1	2.4	ug/kg	
110-54-3	Hexane	ND	6.1	2.4	ug/kg	
98-82-8	Isopropylbenzene	ND	6.1	2.4	ug/kg	
99-87-6	p-Isopropyltoluene	ND	6.1	2.4	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	30	12	ug/kg	
126-98-7	Methacrylonitrile	ND	30	12	ug/kg	
74-83-9	Methyl bromide	ND	6.1	2.4	ug/kg	
74-87-3	Methyl chloride	ND	6.1	2.4	ug/kg	
74-88-4	Methyl iodide	ND	12	2.4	ug/kg	
80-62-6	Methyl methacrylate	ND	30	6.1	ug/kg	
74-95-3	Methylene bromide	ND	6.1	2.4	ug/kg	
75-09-2	Methylene chloride	ND	12	6.1	ug/kg	
78-93-3	Methyl ethyl ketone	ND	30	12	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	6.1	2.4	ug/kg	
91-20-3	Naphthalene	ND	6.1	2.4	ug/kg	
76-01-7	Pentachloroethane	ND	30	6.1	ug/kg	
107-12-0	Propionitrile	ND	61	12	ug/kg	
103-65-1	n-Propylbenzene	ND	6.1	2.4	ug/kg	
100-42-5	Styrene	ND	6.1	2.4	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	6.1	2.4	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	6.1	2.4	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6.1	2.4	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	6.1	2.4	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.1	2.4	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	6.1	2.4	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.1	2.4	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB19-29,41		
Lab Sample ID:	F35686-14	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	75.6
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	6.1	2.4	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	6.1	2.4	ug/kg	
127-18-4	Tetrachloroethylene	ND	6.1	2.4	ug/kg	
108-88-3	Toluene	ND	6.1	2.4	ug/kg	
79-01-6	Trichloroethylene	ND	6.1	2.4	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.1	2.4	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	30	12	ug/kg	
75-01-4	Vinyl chloride	ND	6.1	2.4	ug/kg	
108-05-4	Vinyl Acetate	ND	30	12	ug/kg	
	m,p-Xylene	ND	12	3.0	ug/kg	
95-47-6	o-Xylene	ND	6.1	2.4	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	91%		78-123%
2037-26-5	Toluene-D8	88%		71-137%
460-00-4	4-Bromofluorobenzene	86%		61-157%
17060-07-0	1,2-Dichloroethane-D4	89%		74-125%

(a) Sample was received in a bulk container but was not preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB19-29,41		
Lab Sample ID:	F35686-14	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	75.6
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L028328.D	1	10/25/05	NJ	10/21/05	OP14774	SL1484
Run #2							

	Initial Weight	Final Volume
Run #1	30.6 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1100	430	ug/kg	
95-57-8	2-Chlorophenol	ND	220	43	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	220	43	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	220	43	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	220	43	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1100	430	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	430	86	ug/kg	
95-48-7	2-Methylphenol	ND	220	43	ug/kg	
	3&4-Methylphenol	ND	220	43	ug/kg	
88-75-5	2-Nitrophenol	ND	220	43	ug/kg	
100-02-7	4-Nitrophenol	ND	1100	430	ug/kg	
87-86-5	Pentachlorophenol	ND	1100	430	ug/kg	
108-95-2	Phenol	ND	220	43	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	220	43	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	220	43	ug/kg	
83-32-9	Acenaphthene	ND	220	43	ug/kg	
208-96-8	Acenaphthylene	ND	220	43	ug/kg	
120-12-7	Anthracene	ND	220	43	ug/kg	
92-87-5	Benzidine	ND	2200	1100	ug/kg	
56-55-3	Benzo(a)anthracene	ND	220	43	ug/kg	
50-32-8	Benzo(a)pyrene	ND	220	43	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	220	43	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	220	86	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	220	43	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	220	43	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	430	110	ug/kg	
100-51-6	Benzyl Alcohol	ND	220	43	ug/kg	
91-58-7	2-Chloronaphthalene	ND	220	43	ug/kg	
106-47-8	4-Chloroaniline	ND	430	170	ug/kg	
218-01-9	Chrysene	ND	220	43	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	220	43	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	220	86	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB19-29,41		
Lab Sample ID:	F35686-14	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	75.6
Project:	HOLMN		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	220	43	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	220	43	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	220	43	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	220	43	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	220	43	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	220	86	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	220	86	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	430	220	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	220	86	ug/kg	
132-64-9	Dibenzofuran	ND	220	43	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	430	110	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	430	220	ug/kg	
84-66-2	Diethyl phthalate	693	430	110	ug/kg	
131-11-3	Dimethyl phthalate	ND	430	110	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	430	220	ug/kg	
206-44-0	Fluoranthene	ND	220	43	ug/kg	
86-73-7	Fluorene	ND	220	43	ug/kg	
118-74-1	Hexachlorobenzene	ND	220	43	ug/kg	
87-68-3	Hexachlorobutadiene	ND	220	86	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	220	86	ug/kg	
67-72-1	Hexachloroethane	ND	220	86	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	220	86	ug/kg	
78-59-1	Isophorone	ND	220	43	ug/kg	
91-57-6	2-Methylnaphthalene	ND	220	43	ug/kg	
88-74-4	2-Nitroaniline	ND	430	110	ug/kg	
99-09-2	3-Nitroaniline	ND	430	110	ug/kg	
100-01-6	4-Nitroaniline	ND	430	150	ug/kg	
91-20-3	Naphthalene	ND	220	43	ug/kg	
98-95-3	Nitrobenzene	ND	220	43	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	220	86	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	220	43	ug/kg	
85-01-8	Phenanthrene	ND	220	43	ug/kg	
129-00-0	Pyrene	ND	220	86	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	220	43	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	71%		45-114%
4165-62-2	Phenol-d5	72%		44-124%
118-79-6	2,4,6-Tribromophenol	80%		50-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB19-29,41		
Lab Sample ID:	F35686-14	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	75.6
Project:	HOLMN		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	73%		41-123%
321-60-8	2-Fluorobiphenyl	75%		46-122%
1718-51-0	Terphenyl-d14	80%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB19-29,41		
Lab Sample ID:	F35686-14	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8015	**Percent Solids:**	75.6
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	HH017253.D	1	10/21/05	AB	n/a	n/a	GHH789
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.31 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	7.8	3.9	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	88%		62-135%
98-08-8	aaa-Trifluorotoluene	95%		65-118%

(a) Sample was received in a bulk container and preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB19-29,41		
Lab Sample ID:	F35686-14	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	75.6
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	IJ26587.D	1	11/01/05	SD	10/31/05	OP14860	GIJ1252
Run #2	IJ26418.D	1	10/22/05	ME	10/19/05	OP14738	GIJ1246

	Initial Weight	Final Volume
Run #1	30.5 g	1.0 ml
Run #2	30.2 g	1.0 ml

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	11	6.5	mg/kg	
	TPH (> C22-C36)	ND	11	6.5	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	66%	46%	57-115%

(a) Sample re-extracted beyond hold time; reported results are considered minimum values. Higher values were reported.

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB19-56,72		
Lab Sample ID:	F35686-15	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	70.8
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0035359.D	1	10/25/05	RAW	n/a	n/a	VG1360
Run #2							

	Initial Weight
Run #1	5.00 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	71	35	ug/kg	
75-05-8	Acetonitrile	ND	71	28	ug/kg	
107-02-8	Acrolein	ND	35	18	ug/kg	
107-13-1	Acrylonitrile	ND	35	18	ug/kg	
107-05-1	Allyl chloride	ND	35	7.1	ug/kg	
71-43-2	Benzene	ND	7.1	2.8	ug/kg	
100-44-7	Benzyl Chloride	ND	7.1	3.5	ug/kg	
108-86-1	Bromobenzene	ND	7.1	2.8	ug/kg	
74-97-5	Bromochloromethane	ND	7.1	2.8	ug/kg	
75-27-4	Bromodichloromethane	ND	7.1	2.8	ug/kg	
75-25-2	Bromoform	ND	7.1	2.8	ug/kg	
104-51-8	n-Butylbenzene	ND	7.1	2.8	ug/kg	
135-98-8	sec-Butylbenzene	ND	7.1	2.8	ug/kg	
98-06-6	tert-Butylbenzene	ND	7.1	2.8	ug/kg	
108-90-7	Chlorobenzene	ND	7.1	2.8	ug/kg	
75-00-3	Chloroethane	ND	7.1	2.8	ug/kg	
67-66-3	Chloroform	ND	7.1	2.8	ug/kg	
544-10-5	1-Chlorohexane	ND	7.1	2.8	ug/kg	
95-49-8	o-Chlorotoluene	ND	7.1	2.8	ug/kg	
106-43-4	p-Chlorotoluene	ND	7.1	2.8	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	35	14	ug/kg	
75-15-0	Carbon disulfide	ND	7.1	2.8	ug/kg	
56-23-5	Carbon tetrachloride	ND	7.1	2.8	ug/kg	
75-34-3	1,1-Dichloroethane	ND	7.1	2.8	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	7.1	2.8	ug/kg	
563-58-6	1,1-Dichloropropene	ND	7.1	2.8	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	7.1	2.8	ug/kg	
106-93-4	1,2-Dibromoethane	ND	7.1	2.8	ug/kg	
107-06-2	1,2-Dichloroethane	ND	7.1	2.8	ug/kg	
78-87-5	1,2-Dichloropropane	ND	7.1	2.8	ug/kg	
142-28-9	1,3-Dichloropropane	ND	7.1	2.8	ug/kg	
594-20-7	2,2-Dichloropropane	ND	7.1	2.8	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB19-56,72		
Lab Sample ID:	F35686-15	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	70.8
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	7.1	2.8	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	7.1	4.2	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	7.1	2.8	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	7.1	2.8	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	35		ug/kg	
541-73-1	m-Dichlorobenzene	ND	7.1	2.8	ug/kg	
95-50-1	o-Dichlorobenzene	ND	7.1	2.8	ug/kg	
106-46-7	p-Dichlorobenzene	ND	7.1	2.8	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	7.1	2.8	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	7.1	2.8	ug/kg	
100-41-4	Ethylbenzene	ND	7.1	2.8	ug/kg	
97-63-2	Ethyl methacrylate	ND	35	7.1	ug/kg	
76-13-1	Freon 113	ND	7.1	2.8	ug/kg	
591-78-6	2-Hexanone	ND	35	14	ug/kg	
87-68-3	Hexachlorobutadiene	ND	7.1	2.8	ug/kg	
110-54-3	Hexane	ND	7.1	2.8	ug/kg	
98-82-8	Isopropylbenzene	ND	7.1	2.8	ug/kg	
99-87-6	p-Isopropyltoluene	ND	7.1	2.8	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	35	14	ug/kg	
126-98-7	Methacrylonitrile	ND	35	14	ug/kg	
74-83-9	Methyl bromide	ND	7.1	2.8	ug/kg	
74-87-3	Methyl chloride	ND	7.1	2.8	ug/kg	
74-88-4	Methyl iodide	ND	14	2.8	ug/kg	
80-62-6	Methyl methacrylate	ND	35	7.1	ug/kg	
74-95-3	Methylene bromide	ND	7.1	2.8	ug/kg	
75-09-2	Methylene chloride	ND	14	7.1	ug/kg	
78-93-3	Methyl ethyl ketone	ND	35	14	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	7.1	2.8	ug/kg	
91-20-3	Naphthalene	ND	7.1	2.8	ug/kg	
76-01-7	Pentachloroethane	ND	35	7.1	ug/kg	
107-12-0	Propionitrile	ND	71	14	ug/kg	
103-65-1	n-Propylbenzene	ND	7.1	2.8	ug/kg	
100-42-5	Styrene	ND	7.1	2.8	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	7.1	2.8	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	7.1	2.8	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	7.1	2.8	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	7.1	2.8	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	7.1	2.8	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	7.1	2.8	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	7.1	2.8	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB19-56,72		
Lab Sample ID:	F35686-15	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	70.8
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	7.1	2.8	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	7.1	2.8	ug/kg	
127-18-4	Tetrachloroethylene	ND	7.1	2.8	ug/kg	
108-88-3	Toluene	ND	7.1	2.8	ug/kg	
79-01-6	Trichloroethylene	ND	7.1	2.8	ug/kg	
75-69-4	Trichlorofluoromethane	ND	7.1	2.8	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	35	14	ug/kg	
75-01-4	Vinyl chloride	ND	7.1	2.8	ug/kg	
108-05-4	Vinyl Acetate	ND	35	14	ug/kg	
	m,p-Xylene	ND	14	3.5	ug/kg	
95-47-6	o-Xylene	ND	7.1	2.8	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		78-123%
2037-26-5	Toluene-D8	90%		71-137%
460-00-4	4-Bromofluorobenzene	86%		61-157%
17060-07-0	1,2-Dichloroethane-D4	92%		74-125%

(a) Sample was received in a bulk container but was not preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB19-56,72		
Lab Sample ID:	F35686-15	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	70.8
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L028331.D	1	10/25/05	NJ	10/21/05	OP14774	SL1484
Run #2							

	Initial Weight	Final Volume
Run #1	30.7 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1200	460	ug/kg	
95-57-8	2-Chlorophenol	ND	230	46	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	230	46	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	230	46	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	230	46	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1200	460	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	460	92	ug/kg	
95-48-7	2-Methylphenol	ND	230	46	ug/kg	
	3&4-Methylphenol	ND	230	46	ug/kg	
88-75-5	2-Nitrophenol	ND	230	46	ug/kg	
100-02-7	4-Nitrophenol	ND	1200	460	ug/kg	
87-86-5	Pentachlorophenol	ND	1200	460	ug/kg	
108-95-2	Phenol	ND	230	46	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	230	46	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	230	46	ug/kg	
83-32-9	Acenaphthene	ND	230	46	ug/kg	
208-96-8	Acenaphthylene	ND	230	46	ug/kg	
120-12-7	Anthracene	ND	230	46	ug/kg	
92-87-5	Benzidine	ND	2300	1200	ug/kg	
56-55-3	Benzo(a)anthracene	ND	230	46	ug/kg	
50-32-8	Benzo(a)pyrene	ND	230	46	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	230	46	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	230	92	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	230	46	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	230	46	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	460	120	ug/kg	
100-51-6	Benzyl Alcohol	ND	230	46	ug/kg	
91-58-7	2-Chloronaphthalene	ND	230	46	ug/kg	
106-47-8	4-Chloroaniline	ND	460	180	ug/kg	
218-01-9	Chrysene	ND	230	46	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	230	46	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	230	92	ug/kg	

ND = Not detected MDL - Method Detection Limit
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E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB19-56,72		
Lab Sample ID:	F35686-15	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	70.8
Project:	HOLMN		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	230	46	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	230	46	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	230	46	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	230	46	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	230	46	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	230	92	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	230	92	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	460	230	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	230	92	ug/kg	
132-64-9	Dibenzofuran	ND	230	46	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	460	120	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	460	230	ug/kg	
84-66-2	Diethyl phthalate	ND	460	120	ug/kg	
131-11-3	Dimethyl phthalate	ND	460	120	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	460	230	ug/kg	
206-44-0	Fluoranthene	ND	230	46	ug/kg	
86-73-7	Fluorene	ND	230	46	ug/kg	
118-74-1	Hexachlorobenzene	ND	230	46	ug/kg	
87-68-3	Hexachlorobutadiene	ND	230	92	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	230	92	ug/kg	
67-72-1	Hexachloroethane	ND	230	92	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	230	92	ug/kg	
78-59-1	Isophorone	ND	230	46	ug/kg	
91-57-6	2-Methylnaphthalene	ND	230	46	ug/kg	
88-74-4	2-Nitroaniline	ND	460	120	ug/kg	
99-09-2	3-Nitroaniline	ND	460	120	ug/kg	
100-01-6	4-Nitroaniline	ND	460	160	ug/kg	
91-20-3	Naphthalene	ND	230	46	ug/kg	
98-95-3	Nitrobenzene	ND	230	46	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	230	92	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	230	46	ug/kg	
85-01-8	Phenanthrene	ND	230	46	ug/kg	
129-00-0	Pyrene	ND	230	92	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	230	46	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	72%		45-114%
4165-62-2	Phenol-d5	73%		44-124%
118-79-6	2,4,6-Tribromophenol	81%		50-128%

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B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB19-56,72		
Lab Sample ID:	F35686-15	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	70.8
Project:	HOLMN		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	70%		41-123%
321-60-8	2-Fluorobiphenyl	74%		46-122%
1718-51-0	Terphenyl-d14	78%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB19-56,72		
Lab Sample ID:	F35686-15	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8015	**Percent Solids:**	70.8
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	HH017254.D	1	10/21/05	AB	n/a	n/a	GHH789
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.90 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	8.0	4.0	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	89%		62-135%
98-08-8	aaa-Trifluorotoluene	94%		65-118%

(a) Sample was received in a bulk container and preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB19-56,72		
Lab Sample ID:	F35686-15	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	70.8
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	IJ26419.D	1	10/22/05	ME	10/19/05	OP14738	GIJ1246
Run #2							

	Initial Weight	Final Volume
Run #1	30.3 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	12	7.0	mg/kg	
	TPH (> C22-C36)	ND	12	7.0	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	62%		57-115%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB19FD-4,12		
Lab Sample ID:	F35686-16	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	83.8
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0035360.D	1	10/25/05	RAW	n/a	n/a	VG1360
Run #2							

	Initial Weight
Run #1	4.92 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	61	30	ug/kg	
75-05-8	Acetonitrile	ND	61	24	ug/kg	
107-02-8	Acrolein	ND	30	15	ug/kg	
107-13-1	Acrylonitrile	ND	30	15	ug/kg	
107-05-1	Allyl chloride	ND	30	6.1	ug/kg	
71-43-2	Benzene	ND	6.1	2.4	ug/kg	
100-44-7	Benzyl Chloride	ND	6.1	3.0	ug/kg	
108-86-1	Bromobenzene	ND	6.1	2.4	ug/kg	
74-97-5	Bromochloromethane	ND	6.1	2.4	ug/kg	
75-27-4	Bromodichloromethane	ND	6.1	2.4	ug/kg	
75-25-2	Bromoform	ND	6.1	2.4	ug/kg	
104-51-8	n-Butylbenzene	ND	6.1	2.4	ug/kg	
135-98-8	sec-Butylbenzene	ND	6.1	2.4	ug/kg	
98-06-6	tert-Butylbenzene	ND	6.1	2.4	ug/kg	
108-90-7	Chlorobenzene	ND	6.1	2.4	ug/kg	
75-00-3	Chloroethane	ND	6.1	2.4	ug/kg	
67-66-3	Chloroform	ND	6.1	2.4	ug/kg	
544-10-5	1-Chlorohexane	ND	6.1	2.4	ug/kg	
95-49-8	o-Chlorotoluene	ND	6.1	2.4	ug/kg	
106-43-4	p-Chlorotoluene	ND	6.1	2.4	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	30	12	ug/kg	
75-15-0	Carbon disulfide	ND	6.1	2.4	ug/kg	
56-23-5	Carbon tetrachloride	ND	6.1	2.4	ug/kg	
75-34-3	1,1-Dichloroethane	ND	6.1	2.4	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	6.1	2.4	ug/kg	
563-58-6	1,1-Dichloropropene	ND	6.1	2.4	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	6.1	2.4	ug/kg	
106-93-4	1,2-Dibromoethane	ND	6.1	2.4	ug/kg	
107-06-2	1,2-Dichloroethane	ND	6.1	2.4	ug/kg	
78-87-5	1,2-Dichloropropane	ND	6.1	2.4	ug/kg	
142-28-9	1,3-Dichloropropane	ND	6.1	2.4	ug/kg	
594-20-7	2,2-Dichloropropane	ND	6.1	2.4	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB19FD-4,12		
Lab Sample ID:	F35686-16	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	83.8
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	6.1	2.4	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.1	3.6	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	6.1	2.4	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	6.1	2.4	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	30		ug/kg	
541-73-1	m-Dichlorobenzene	ND	6.1	2.4	ug/kg	
95-50-1	o-Dichlorobenzene	ND	6.1	2.4	ug/kg	
106-46-7	p-Dichlorobenzene	ND	6.1	2.4	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	6.1	2.4	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	6.1	2.4	ug/kg	
100-41-4	Ethylbenzene	ND	6.1	2.4	ug/kg	
97-63-2	Ethyl methacrylate	ND	30	6.1	ug/kg	
76-13-1	Freon 113	ND	6.1	2.4	ug/kg	
591-78-6	2-Hexanone	ND	30	12	ug/kg	
87-68-3	Hexachlorobutadiene	ND	6.1	2.4	ug/kg	
110-54-3	Hexane	ND	6.1	2.4	ug/kg	
98-82-8	Isopropylbenzene	ND	6.1	2.4	ug/kg	
99-87-6	p-Isopropyltoluene	ND	6.1	2.4	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	30	12	ug/kg	
126-98-7	Methacrylonitrile	ND	30	12	ug/kg	
74-83-9	Methyl bromide	ND	6.1	2.4	ug/kg	
74-87-3	Methyl chloride	ND	6.1	2.4	ug/kg	
74-88-4	Methyl iodide	ND	12	2.4	ug/kg	
80-62-6	Methyl methacrylate	ND	30	6.1	ug/kg	
74-95-3	Methylene bromide	ND	6.1	2.4	ug/kg	
75-09-2	Methylene chloride	ND	12	6.1	ug/kg	
78-93-3	Methyl ethyl ketone	ND	30	12	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	6.1	2.4	ug/kg	
91-20-3	Naphthalene	ND	6.1	2.4	ug/kg	
76-01-7	Pentachloroethane	ND	30	6.1	ug/kg	
107-12-0	Propionitrile	ND	61	12	ug/kg	
103-65-1	n-Propylbenzene	ND	6.1	2.4	ug/kg	
100-42-5	Styrene	ND	6.1	2.4	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	6.1	2.4	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	6.1	2.4	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6.1	2.4	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	6.1	2.4	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.1	2.4	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	6.1	2.4	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.1	2.4	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB19FD-4,12		
Lab Sample ID:	F35686-16	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	83.8
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	6.1	2.4	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	6.1	2.4	ug/kg	
127-18-4	Tetrachloroethylene	ND	6.1	2.4	ug/kg	
108-88-3	Toluene	ND	6.1	2.4	ug/kg	
79-01-6	Trichloroethylene	ND	6.1	2.4	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.1	2.4	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	30	12	ug/kg	
75-01-4	Vinyl chloride	ND	6.1	2.4	ug/kg	
108-05-4	Vinyl Acetate	ND	30	12	ug/kg	
	m,p-Xylene	ND	12	3.0	ug/kg	
95-47-6	o-Xylene	ND	6.1	2.4	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		78-123%
2037-26-5	Toluene-D8	91%		71-137%
460-00-4	4-Bromofluorobenzene	91%		61-157%
17060-07-0	1,2-Dichloroethane-D4	93%		74-125%

(a) Sample was received in a bulk container but was not preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB19FD-4,12		
Lab Sample ID:	F35686-16	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	83.8
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L028332.D	1	10/25/05	NJ	10/21/05	OP14774	SL1484
Run #2							

	Initial Weight	Final Volume
Run #1	30.5 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	980	390	ug/kg	
95-57-8	2-Chlorophenol	ND	200	39	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	200	39	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	200	39	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	200	39	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	980	390	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	390	78	ug/kg	
95-48-7	2-Methylphenol	ND	200	39	ug/kg	
	3&4-Methylphenol	ND	200	39	ug/kg	
88-75-5	2-Nitrophenol	ND	200	39	ug/kg	
100-02-7	4-Nitrophenol	ND	980	390	ug/kg	
87-86-5	Pentachlorophenol	ND	980	390	ug/kg	
108-95-2	Phenol	ND	200	39	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	200	39	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	200	39	ug/kg	
83-32-9	Acenaphthene	ND	200	39	ug/kg	
208-96-8	Acenaphthylene	ND	200	39	ug/kg	
120-12-7	Anthracene	ND	200	39	ug/kg	
92-87-5	Benzidine	ND	2000	980	ug/kg	
56-55-3	Benzo(a)anthracene	ND	200	39	ug/kg	
50-32-8	Benzo(a)pyrene	ND	200	39	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	200	39	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	200	78	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	200	39	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	200	39	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	390	98	ug/kg	
100-51-6	Benzyl Alcohol	ND	200	39	ug/kg	
91-58-7	2-Chloronaphthalene	ND	200	39	ug/kg	
106-47-8	4-Chloroaniline	ND	390	160	ug/kg	
218-01-9	Chrysene	ND	200	39	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	200	39	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	200	78	ug/kg	

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RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB19FD-4,12		
Lab Sample ID:	F35686-16	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	83.8
Project:	HOLMN		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	200	39	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	200	39	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	200	39	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	200	39	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	200	39	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	200	78	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	200	78	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	390	200	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	200	78	ug/kg	
132-64-9	Dibenzofuran	ND	200	39	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	390	98	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	390	200	ug/kg	
84-66-2	Diethyl phthalate	ND	390	98	ug/kg	
131-11-3	Dimethyl phthalate	ND	390	98	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	390	200	ug/kg	
206-44-0	Fluoranthene	ND	200	39	ug/kg	
86-73-7	Fluorene	ND	200	39	ug/kg	
118-74-1	Hexachlorobenzene	ND	200	39	ug/kg	
87-68-3	Hexachlorobutadiene	ND	200	78	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	200	78	ug/kg	
67-72-1	Hexachloroethane	ND	200	78	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	200	78	ug/kg	
78-59-1	Isophorone	ND	200	39	ug/kg	
91-57-6	2-Methylnaphthalene	ND	200	39	ug/kg	
88-74-4	2-Nitroaniline	ND	390	98	ug/kg	
99-09-2	3-Nitroaniline	ND	390	98	ug/kg	
100-01-6	4-Nitroaniline	ND	390	140	ug/kg	
91-20-3	Naphthalene	ND	200	39	ug/kg	
98-95-3	Nitrobenzene	ND	200	39	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	200	78	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	200	39	ug/kg	
85-01-8	Phenanthrene	ND	200	39	ug/kg	
129-00-0	Pyrene	ND	200	78	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	200	39	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	63%		45-114%
4165-62-2	Phenol-d5	63%		44-124%
118-79-6	2,4,6-Tribromophenol	71%		50-128%

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B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB19FD-4,12		
Lab Sample ID:	F35686-16	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	83.8
Project:	HOLMN		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	61%		41-123%
321-60-8	2-Fluorobiphenyl	67%		46-122%
1718-51-0	Terphenyl-d14	73%		45-135%

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RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB19FD-4,12		
Lab Sample ID:	F35686-16	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8015	**Percent Solids:**	83.8
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	HH017255.D	1	10/22/05	AB	n/a	n/a	GHH789
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.16 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	6.7	3.4	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	88%		62-135%
98-08-8	aaa-Trifluorotoluene	92%		65-118%

(a) Sample was received in a bulk container and preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB19FD-4,12		
Lab Sample ID:	F35686-16	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	83.8
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	IJ26588.D	1	11/01/05	SD	10/31/05	OP14860	GIJ1252
Run #2	IJ26513.D	1	10/28/05	SD	10/24/05	OP14784	GIJ1250

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2	30.4 g	1.0 ml

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	9.9	5.9	mg/kg	
	TPH (> C22-C36)	ND	9.9	5.9	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	67%	56%	57-115%

(a) Sample re-extracted beyond hold time; reported results are considered minimum values. Higher values were reported.

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E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB19FD-29,41		
Lab Sample ID:	F35686-17	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	75.5
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0035361.D	1	10/25/05	RAW	n/a	n/a	VG1360
Run #2							

	Initial Weight
Run #1	6.07 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	55	27	ug/kg	
75-05-8	Acetonitrile	ND	55	22	ug/kg	
107-02-8	Acrolein	ND	27	14	ug/kg	
107-13-1	Acrylonitrile	ND	27	14	ug/kg	
107-05-1	Allyl chloride	ND	27	5.5	ug/kg	
71-43-2	Benzene	ND	5.5	2.2	ug/kg	
100-44-7	Benzyl Chloride	ND	5.5	2.7	ug/kg	
108-86-1	Bromobenzene	ND	5.5	2.2	ug/kg	
74-97-5	Bromochloromethane	ND	5.5	2.2	ug/kg	
75-27-4	Bromodichloromethane	ND	5.5	2.2	ug/kg	
75-25-2	Bromoform	ND	5.5	2.2	ug/kg	
104-51-8	n-Butylbenzene	ND	5.5	2.2	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.5	2.2	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.5	2.2	ug/kg	
108-90-7	Chlorobenzene	ND	5.5	2.2	ug/kg	
75-00-3	Chloroethane	ND	5.5	2.2	ug/kg	
67-66-3	Chloroform	ND	5.5	2.2	ug/kg	
544-10-5	1-Chlorohexane	ND	5.5	2.2	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.5	2.2	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.5	2.2	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	27	11	ug/kg	
75-15-0	Carbon disulfide	ND	5.5	2.2	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.5	2.2	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.5	2.2	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	5.5	2.2	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.5	2.2	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.5	2.2	ug/kg	
106-93-4	1,2-Dibromoethane	ND	5.5	2.2	ug/kg	
107-06-2	1,2-Dichloroethane	ND	5.5	2.2	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.5	2.2	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.5	2.2	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.5	2.2	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB19FD-29,41		
Lab Sample ID:	F35686-17	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	75.5
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	5.5	2.2	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.5	3.3	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	5.5	2.2	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.5	2.2	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	27		ug/kg	
541-73-1	m-Dichlorobenzene	ND	5.5	2.2	ug/kg	
95-50-1	o-Dichlorobenzene	ND	5.5	2.2	ug/kg	
106-46-7	p-Dichlorobenzene	ND	5.5	2.2	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	5.5	2.2	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.5	2.2	ug/kg	
100-41-4	Ethylbenzene	ND	5.5	2.2	ug/kg	
97-63-2	Ethyl methacrylate	ND	27	5.5	ug/kg	
76-13-1	Freon 113	ND	5.5	2.2	ug/kg	
591-78-6	2-Hexanone	ND	27	11	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.5	2.2	ug/kg	
110-54-3	Hexane	ND	5.5	2.2	ug/kg	
98-82-8	Isopropylbenzene	ND	5.5	2.2	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.5	2.2	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	27	11	ug/kg	
126-98-7	Methacrylonitrile	ND	27	11	ug/kg	
74-83-9	Methyl bromide	ND	5.5	2.2	ug/kg	
74-87-3	Methyl chloride	ND	5.5	2.2	ug/kg	
74-88-4	Methyl iodide	ND	11	2.2	ug/kg	
80-62-6	Methyl methacrylate	ND	27	5.5	ug/kg	
74-95-3	Methylene bromide	ND	5.5	2.2	ug/kg	
75-09-2	Methylene chloride	ND	11	5.5	ug/kg	
78-93-3	Methyl ethyl ketone	ND	27	11	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.5	2.2	ug/kg	
91-20-3	Naphthalene	ND	5.5	2.2	ug/kg	
76-01-7	Pentachloroethane	ND	27	5.5	ug/kg	
107-12-0	Propionitrile	ND	55	11	ug/kg	
103-65-1	n-Propylbenzene	ND	5.5	2.2	ug/kg	
100-42-5	Styrene	ND	5.5	2.2	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.5	2.2	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.5	2.2	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.5	2.2	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.5	2.2	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.5	2.2	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.5	2.2	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.5	2.2	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB19FD-29,41		
Lab Sample ID:	F35686-17	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	75.5
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	5.5	2.2	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.5	2.2	ug/kg	
127-18-4	Tetrachloroethylene	ND	5.5	2.2	ug/kg	
108-88-3	Toluene	ND	5.5	2.2	ug/kg	
79-01-6	Trichloroethylene	ND	5.5	2.2	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.5	2.2	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	27	11	ug/kg	
75-01-4	Vinyl chloride	ND	5.5	2.2	ug/kg	
108-05-4	Vinyl Acetate	ND	27	11	ug/kg	
	m,p-Xylene	ND	11	2.7	ug/kg	
95-47-6	o-Xylene	ND	5.5	2.2	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		78-123%
2037-26-5	Toluene-D8	93%		71-137%
460-00-4	4-Bromofluorobenzene	89%		61-157%
17060-07-0	1,2-Dichloroethane-D4	96%		74-125%

(a) Sample was received in a bulk container but was not preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB19FD-29,41		
Lab Sample ID:	F35686-17	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	75.5
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L028333.D	1	10/25/05	NJ	10/21/05	OP14774	SL1484
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1100	440	ug/kg	
95-57-8	2-Chlorophenol	ND	220	44	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	220	44	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	220	44	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	220	44	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1100	440	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	440	88	ug/kg	
95-48-7	2-Methylphenol	ND	220	44	ug/kg	
	3&4-Methylphenol	ND	220	44	ug/kg	
88-75-5	2-Nitrophenol	ND	220	44	ug/kg	
100-02-7	4-Nitrophenol	ND	1100	440	ug/kg	
87-86-5	Pentachlorophenol	ND	1100	440	ug/kg	
108-95-2	Phenol	ND	220	44	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	220	44	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	220	44	ug/kg	
83-32-9	Acenaphthene	ND	220	44	ug/kg	
208-96-8	Acenaphthylene	ND	220	44	ug/kg	
120-12-7	Anthracene	ND	220	44	ug/kg	
92-87-5	Benzidine	ND	2200	1100	ug/kg	
56-55-3	Benzo(a)anthracene	ND	220	44	ug/kg	
50-32-8	Benzo(a)pyrene	ND	220	44	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	220	44	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	220	88	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	220	44	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	220	44	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	440	110	ug/kg	
100-51-6	Benzyl Alcohol	ND	220	44	ug/kg	
91-58-7	2-Chloronaphthalene	ND	220	44	ug/kg	
106-47-8	4-Chloroaniline	ND	440	180	ug/kg	
218-01-9	Chrysene	ND	220	44	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	220	44	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	220	88	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB19FD-29,41		
Lab Sample ID:	F35686-17	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	75.5
Project:	HOLMN		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	220	44	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	220	44	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	220	44	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	220	44	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	220	44	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	220	88	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	220	88	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	440	220	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	220	88	ug/kg	
132-64-9	Dibenzofuran	ND	220	44	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	440	110	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	440	220	ug/kg	
84-66-2	Diethyl phthalate	ND	440	110	ug/kg	
131-11-3	Dimethyl phthalate	ND	440	110	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	440	220	ug/kg	
206-44-0	Fluoranthene	ND	220	44	ug/kg	
86-73-7	Fluorene	ND	220	44	ug/kg	
118-74-1	Hexachlorobenzene	ND	220	44	ug/kg	
87-68-3	Hexachlorobutadiene	ND	220	88	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	220	88	ug/kg	
67-72-1	Hexachloroethane	ND	220	88	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	220	88	ug/kg	
78-59-1	Isophorone	ND	220	44	ug/kg	
91-57-6	2-Methylnaphthalene	ND	220	44	ug/kg	
88-74-4	2-Nitroaniline	ND	440	110	ug/kg	
99-09-2	3-Nitroaniline	ND	440	110	ug/kg	
100-01-6	4-Nitroaniline	ND	440	150	ug/kg	
91-20-3	Naphthalene	ND	220	44	ug/kg	
98-95-3	Nitrobenzene	ND	220	44	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	220	88	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	220	44	ug/kg	
85-01-8	Phenanthrene	ND	220	44	ug/kg	
129-00-0	Pyrene	ND	220	88	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	220	44	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	70%		45-114%
4165-62-2	Phenol-d5	71%		44-124%
118-79-6	2,4,6-Tribromophenol	79%		50-128%

ND = Not detected MDL - Method Detection Limit
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B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB19FD-29,41		
Lab Sample ID:	F35686-17	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	75.5
Project:	HOLMN		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	70%		41-123%
321-60-8	2-Fluorobiphenyl	73%		46-122%
1718-51-0	Terphenyl-d14	79%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB19FD-29,41		
Lab Sample ID:	F35686-17	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8015	**Percent Solids:**	75.5
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	HH017258.D	1	10/22/05	AB	n/a	n/a	GHH789
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.31 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	7.9	3.9	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	88%		62-135%
98-08-8	aaa-Trifluorotoluene	92%		65-118%

(a) Sample was received in a bulk container and preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB19FD-29,41		
Lab Sample ID:	F35686-17	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	75.5
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	IJ26476.D	1	10/27/05	SD	10/24/05	OP14784	GIJ1249
Run #2							

	Initial Weight	Final Volume
Run #1	30.6 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	11	6.5	mg/kg	
	TPH (> C22-C36)	ND	11	6.5	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	60%		57-115%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB19FD-56,72		
Lab Sample ID:	F35686-18	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	71.5
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0035367.D	1	10/25/05	JG	n/a	n/a	VG1361
Run #2							

	Initial Weight
Run #1	6.21 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	56	28	ug/kg	
75-05-8	Acetonitrile	ND	56	23	ug/kg	
107-02-8	Acrolein	ND	28	14	ug/kg	
107-13-1	Acrylonitrile	ND	28	14	ug/kg	
107-05-1	Allyl chloride	ND	28	5.6	ug/kg	
71-43-2	Benzene	ND	5.6	2.3	ug/kg	
100-44-7	Benzyl Chloride	ND	5.6	2.8	ug/kg	
108-86-1	Bromobenzene	ND	5.6	2.3	ug/kg	
74-97-5	Bromochloromethane	ND	5.6	2.3	ug/kg	
75-27-4	Bromodichloromethane	ND	5.6	2.3	ug/kg	
75-25-2	Bromoform	ND	5.6	2.3	ug/kg	
104-51-8	n-Butylbenzene	ND	5.6	2.3	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.6	2.3	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.6	2.3	ug/kg	
108-90-7	Chlorobenzene	ND	5.6	2.3	ug/kg	
75-00-3	Chloroethane	ND	5.6	2.3	ug/kg	
67-66-3	Chloroform	ND	5.6	2.3	ug/kg	
544-10-5	1-Chlorohexane	ND	5.6	2.3	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.6	2.3	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.6	2.3	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	28	11	ug/kg	
75-15-0	Carbon disulfide	ND	5.6	2.3	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.6	2.3	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.6	2.3	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	5.6	2.3	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.6	2.3	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.6	2.3	ug/kg	
106-93-4	1,2-Dibromoethane	ND	5.6	2.3	ug/kg	
107-06-2	1,2-Dichloroethane	ND	5.6	2.3	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.6	2.3	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.6	2.3	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.6	2.3	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB19FD-56,72		
Lab Sample ID:	F35686-18	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	71.5
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	5.6	2.3	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.6	3.4	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	5.6	2.3	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.6	2.3	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	28		ug/kg	
541-73-1	m-Dichlorobenzene	ND	5.6	2.3	ug/kg	
95-50-1	o-Dichlorobenzene	ND	5.6	2.3	ug/kg	
106-46-7	p-Dichlorobenzene	ND	5.6	2.3	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	5.6	2.3	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.6	2.3	ug/kg	
100-41-4	Ethylbenzene	ND	5.6	2.3	ug/kg	
97-63-2	Ethyl methacrylate	ND	28	5.6	ug/kg	
76-13-1	Freon 113	ND	5.6	2.3	ug/kg	
591-78-6	2-Hexanone	ND	28	11	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.6	2.3	ug/kg	
110-54-3	Hexane	ND	5.6	2.3	ug/kg	
98-82-8	Isopropylbenzene	ND	5.6	2.3	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.6	2.3	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	28	11	ug/kg	
126-98-7	Methacrylonitrile	ND	28	11	ug/kg	
74-83-9	Methyl bromide	ND	5.6	2.3	ug/kg	
74-87-3	Methyl chloride	ND	5.6	2.3	ug/kg	
74-88-4	Methyl iodide	ND	11	2.3	ug/kg	
80-62-6	Methyl methacrylate	ND	28	5.6	ug/kg	
74-95-3	Methylene bromide	ND	5.6	2.3	ug/kg	
75-09-2	Methylene chloride	ND	11	5.6	ug/kg	
78-93-3	Methyl ethyl ketone	ND	28	11	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.6	2.3	ug/kg	
91-20-3	Naphthalene	ND	5.6	2.3	ug/kg	
76-01-7	Pentachloroethane	ND	28	5.6	ug/kg	
107-12-0	Propionitrile	ND	56	11	ug/kg	
103-65-1	n-Propylbenzene	ND	5.6	2.3	ug/kg	
100-42-5	Styrene	ND	5.6	2.3	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.6	2.3	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.6	2.3	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.6	2.3	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.6	2.3	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.6	2.3	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.6	2.3	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.6	2.3	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB19FD-56,72		
Lab Sample ID:	F35686-18	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	71.5
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	5.6	2.3	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.6	2.3	ug/kg	
127-18-4	Tetrachloroethylene	ND	5.6	2.3	ug/kg	
108-88-3	Toluene	ND	5.6	2.3	ug/kg	
79-01-6	Trichloroethylene	ND	5.6	2.3	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.6	2.3	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	28	11	ug/kg	
75-01-4	Vinyl chloride	ND	5.6	2.3	ug/kg	
108-05-4	Vinyl Acetate	ND	28	11	ug/kg	
	m,p-Xylene	ND	11	2.8	ug/kg	
95-47-6	o-Xylene	ND	5.6	2.3	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		78-123%
2037-26-5	Toluene-D8	92%		71-137%
460-00-4	4-Bromofluorobenzene	92%		61-157%
17060-07-0	1,2-Dichloroethane-D4	90%		74-125%

(a) Sample was received in a bulk container but was not preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB19FD-56,72		
Lab Sample ID:	F35686-18	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	71.5
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L028334.D	1	10/25/05	NJ	10/21/05	OP14774	SL1484
Run #2							

	Initial Weight	Final Volume
Run #1	30.3 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1200	460	ug/kg	
95-57-8	2-Chlorophenol	ND	230	46	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	230	46	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	230	46	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	230	46	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1200	460	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	460	92	ug/kg	
95-48-7	2-Methylphenol	ND	230	46	ug/kg	
	3&4-Methylphenol	ND	230	46	ug/kg	
88-75-5	2-Nitrophenol	ND	230	46	ug/kg	
100-02-7	4-Nitrophenol	ND	1200	460	ug/kg	
87-86-5	Pentachlorophenol	ND	1200	460	ug/kg	
108-95-2	Phenol	ND	230	46	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	230	46	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	230	46	ug/kg	
83-32-9	Acenaphthene	ND	230	46	ug/kg	
208-96-8	Acenaphthylene	ND	230	46	ug/kg	
120-12-7	Anthracene	ND	230	46	ug/kg	
92-87-5	Benzidine	ND	2300	1200	ug/kg	
56-55-3	Benzo(a)anthracene	ND	230	46	ug/kg	
50-32-8	Benzo(a)pyrene	ND	230	46	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	230	46	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	230	92	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	230	46	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	230	46	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	460	120	ug/kg	
100-51-6	Benzyl Alcohol	ND	230	46	ug/kg	
91-58-7	2-Chloronaphthalene	ND	230	46	ug/kg	
106-47-8	4-Chloroaniline	ND	460	180	ug/kg	
218-01-9	Chrysene	ND	230	46	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	230	46	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	230	92	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB19FD-56,72		
Lab Sample ID:	F35686-18	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	71.5
Project:	HOLMN		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	230	46	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	230	46	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	230	46	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	230	46	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	230	46	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	230	92	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	230	92	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	460	230	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	230	92	ug/kg	
132-64-9	Dibenzofuran	ND	230	46	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	460	120	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	460	230	ug/kg	
84-66-2	Diethyl phthalate	ND	460	120	ug/kg	
131-11-3	Dimethyl phthalate	ND	460	120	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	460	230	ug/kg	
206-44-0	Fluoranthene	ND	230	46	ug/kg	
86-73-7	Fluorene	ND	230	46	ug/kg	
118-74-1	Hexachlorobenzene	ND	230	46	ug/kg	
87-68-3	Hexachlorobutadiene	ND	230	92	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	230	92	ug/kg	
67-72-1	Hexachloroethane	ND	230	92	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	230	92	ug/kg	
78-59-1	Isophorone	ND	230	46	ug/kg	
91-57-6	2-Methylnaphthalene	ND	230	46	ug/kg	
88-74-4	2-Nitroaniline	ND	460	120	ug/kg	
99-09-2	3-Nitroaniline	ND	460	120	ug/kg	
100-01-6	4-Nitroaniline	ND	460	160	ug/kg	
91-20-3	Naphthalene	ND	230	46	ug/kg	
98-95-3	Nitrobenzene	ND	230	46	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	230	92	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	230	46	ug/kg	
85-01-8	Phenanthrene	ND	230	46	ug/kg	
129-00-0	Pyrene	ND	230	92	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	230	46	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	73%		45-114%
4165-62-2	Phenol-d5	74%		44-124%
118-79-6	2,4,6-Tribromophenol	80%		50-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB19FD-56,72		
Lab Sample ID:	F35686-18	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	71.5
Project:	HOLMN		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	75%		41-123%
321-60-8	2-Fluorobiphenyl	76%		46-122%
1718-51-0	Terphenyl-d14	78%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB19FD-56,72		
Lab Sample ID:	F35686-18	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8015	**Percent Solids:**	71.5
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	HH017259.D	1	10/22/05	AB	n/a	n/a	GHH789
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	6.98 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	7.0	3.5	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	90%		62-135%
98-08-8	aaa-Trifluorotoluene	92%		65-118%

(a) Sample was received in a bulk container and preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB19FD-56,72		
Lab Sample ID:	F35686-18	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	71.5
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	IJ26477.D	1	10/27/05	SD	10/24/05	OP14784	GIJ1249
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	16.7	12	7.0	mg/kg	
	TPH (> C22-C36)	12.4	12	7.0	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	67%		57-115%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB20-4,9		
Lab Sample ID:	F35686-19	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	75.6
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0035369.D	1	10/25/05	JG	n/a	n/a	VG1361
Run #2							

	Initial Weight
Run #1	5.04 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	66	33	ug/kg	
75-05-8	Acetonitrile	ND	66	26	ug/kg	
107-02-8	Acrolein	ND	33	16	ug/kg	
107-13-1	Acrylonitrile	ND	33	16	ug/kg	
107-05-1	Allyl chloride	ND	33	6.6	ug/kg	
71-43-2	Benzene	ND	6.6	2.6	ug/kg	
100-44-7	Benzyl Chloride	ND	6.6	3.3	ug/kg	
108-86-1	Bromobenzene	ND	6.6	2.6	ug/kg	
74-97-5	Bromochloromethane	ND	6.6	2.6	ug/kg	
75-27-4	Bromodichloromethane	ND	6.6	2.6	ug/kg	
75-25-2	Bromoform	ND	6.6	2.6	ug/kg	
104-51-8	n-Butylbenzene	ND	6.6	2.6	ug/kg	
135-98-8	sec-Butylbenzene	ND	6.6	2.6	ug/kg	
98-06-6	tert-Butylbenzene	ND	6.6	2.6	ug/kg	
108-90-7	Chlorobenzene	ND	6.6	2.6	ug/kg	
75-00-3	Chloroethane	ND	6.6	2.6	ug/kg	
67-66-3	Chloroform	ND	6.6	2.6	ug/kg	
544-10-5	1-Chlorohexane	ND	6.6	2.6	ug/kg	
95-49-8	o-Chlorotoluene	ND	6.6	2.6	ug/kg	
106-43-4	p-Chlorotoluene	ND	6.6	2.6	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	33	13	ug/kg	
75-15-0	Carbon disulfide	ND	6.6	2.6	ug/kg	
56-23-5	Carbon tetrachloride	ND	6.6	2.6	ug/kg	
75-34-3	1,1-Dichloroethane	ND	6.6	2.6	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	6.6	2.6	ug/kg	
563-58-6	1,1-Dichloropropene	ND	6.6	2.6	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	6.6	2.6	ug/kg	
106-93-4	1,2-Dibromoethane	ND	6.6	2.6	ug/kg	
107-06-2	1,2-Dichloroethane	ND	6.6	2.6	ug/kg	
78-87-5	1,2-Dichloropropane	ND	6.6	2.6	ug/kg	
142-28-9	1,3-Dichloropropane	ND	6.6	2.6	ug/kg	
594-20-7	2,2-Dichloropropane	ND	6.6	2.6	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB20-4,9		
Lab Sample ID:	F35686-19	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	75.6
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	6.6	2.6	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.6	3.9	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	6.6	2.6	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	6.6	2.6	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	33		ug/kg	
541-73-1	m-Dichlorobenzene	ND	6.6	2.6	ug/kg	
95-50-1	o-Dichlorobenzene	ND	6.6	2.6	ug/kg	
106-46-7	p-Dichlorobenzene	ND	6.6	2.6	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	6.6	2.6	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	6.6	2.6	ug/kg	
100-41-4	Ethylbenzene	ND	6.6	2.6	ug/kg	
97-63-2	Ethyl methacrylate	ND	33	6.6	ug/kg	
76-13-1	Freon 113	ND	6.6	2.6	ug/kg	
591-78-6	2-Hexanone	ND	33	13	ug/kg	
87-68-3	Hexachlorobutadiene	ND	6.6	2.6	ug/kg	
110-54-3	Hexane	ND	6.6	2.6	ug/kg	
98-82-8	Isopropylbenzene	ND	6.6	2.6	ug/kg	
99-87-6	p-Isopropyltoluene	ND	6.6	2.6	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	33	13	ug/kg	
126-98-7	Methacrylonitrile	ND	33	13	ug/kg	
74-83-9	Methyl bromide	ND	6.6	2.6	ug/kg	
74-87-3	Methyl chloride	ND	6.6	2.6	ug/kg	
74-88-4	Methyl iodide	ND	13	2.6	ug/kg	
80-62-6	Methyl methacrylate	ND	33	6.6	ug/kg	
74-95-3	Methylene bromide	ND	6.6	2.6	ug/kg	
75-09-2	Methylene chloride	ND	13	6.6	ug/kg	
78-93-3	Methyl ethyl ketone	ND	33	13	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	6.6	2.6	ug/kg	
91-20-3	Naphthalene	ND	6.6	2.6	ug/kg	
76-01-7	Pentachloroethane	ND	33	6.6	ug/kg	
107-12-0	Propionitrile	ND	66	13	ug/kg	
103-65-1	n-Propylbenzene	ND	6.6	2.6	ug/kg	
100-42-5	Styrene	ND	6.6	2.6	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	6.6	2.6	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	6.6	2.6	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6.6	2.6	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	6.6	2.6	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.6	2.6	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	6.6	2.6	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.6	2.6	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB20-4,9		
Lab Sample ID:	F35686-19	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	75.6
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	6.6	2.6	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	6.6	2.6	ug/kg	
127-18-4	Tetrachloroethylene	ND	6.6	2.6	ug/kg	
108-88-3	Toluene	ND	6.6	2.6	ug/kg	
79-01-6	Trichloroethylene	ND	6.6	2.6	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.6	2.6	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	33	13	ug/kg	
75-01-4	Vinyl chloride	ND	6.6	2.6	ug/kg	
108-05-4	Vinyl Acetate	ND	33	13	ug/kg	
	m,p-Xylene	ND	13	3.3	ug/kg	
95-47-6	o-Xylene	ND	6.6	2.6	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		78-123%
2037-26-5	Toluene-D8	88%		71-137%
460-00-4	4-Bromofluorobenzene	89%		61-157%
17060-07-0	1,2-Dichloroethane-D4	91%		74-125%

(a) Sample was received in a bulk container and preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
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E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB20-4,9		
Lab Sample ID:	F35686-19	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	75.6
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L028335.D	1	10/25/05	NJ	10/21/05	OP14774	SL1484
Run #2							

	Initial Weight	Final Volume
Run #1	30.2 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1100	440	ug/kg	
95-57-8	2-Chlorophenol	ND	220	44	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	220	44	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	220	44	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	220	44	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1100	440	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	440	88	ug/kg	
95-48-7	2-Methylphenol	ND	220	44	ug/kg	
	3&4-Methylphenol	ND	220	44	ug/kg	
88-75-5	2-Nitrophenol	ND	220	44	ug/kg	
100-02-7	4-Nitrophenol	ND	1100	440	ug/kg	
87-86-5	Pentachlorophenol	ND	1100	440	ug/kg	
108-95-2	Phenol	ND	220	44	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	220	44	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	220	44	ug/kg	
83-32-9	Acenaphthene	ND	220	44	ug/kg	
208-96-8	Acenaphthylene	ND	220	44	ug/kg	
120-12-7	Anthracene	ND	220	44	ug/kg	
92-87-5	Benzidine	ND	2200	1100	ug/kg	
56-55-3	Benzo(a)anthracene	ND	220	44	ug/kg	
50-32-8	Benzo(a)pyrene	ND	220	44	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	220	44	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	220	88	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	220	44	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	220	44	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	440	110	ug/kg	
100-51-6	Benzyl Alcohol	ND	220	44	ug/kg	
91-58-7	2-Chloronaphthalene	ND	220	44	ug/kg	
106-47-8	4-Chloroaniline	ND	440	180	ug/kg	
218-01-9	Chrysene	ND	220	44	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	220	44	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	220	88	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB20-4,9		
Lab Sample ID:	F35686-19	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	75.6
Project:	HOLMN		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	220	44	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	220	44	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	220	44	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	220	44	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	220	44	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	220	88	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	220	88	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	440	220	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	220	88	ug/kg	
132-64-9	Dibenzofuran	ND	220	44	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	440	110	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	440	220	ug/kg	
84-66-2	Diethyl phthalate	ND	440	110	ug/kg	
131-11-3	Dimethyl phthalate	ND	440	110	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	440	220	ug/kg	
206-44-0	Fluoranthene	ND	220	44	ug/kg	
86-73-7	Fluorene	ND	220	44	ug/kg	
118-74-1	Hexachlorobenzene	ND	220	44	ug/kg	
87-68-3	Hexachlorobutadiene	ND	220	88	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	220	88	ug/kg	
67-72-1	Hexachloroethane	ND	220	88	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	220	88	ug/kg	
78-59-1	Isophorone	ND	220	44	ug/kg	
91-57-6	2-Methylnaphthalene	ND	220	44	ug/kg	
88-74-4	2-Nitroaniline	ND	440	110	ug/kg	
99-09-2	3-Nitroaniline	ND	440	110	ug/kg	
100-01-6	4-Nitroaniline	ND	440	150	ug/kg	
91-20-3	Naphthalene	ND	220	44	ug/kg	
98-95-3	Nitrobenzene	ND	220	44	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	220	88	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	220	44	ug/kg	
85-01-8	Phenanthrene	ND	220	44	ug/kg	
129-00-0	Pyrene	ND	220	88	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	220	44	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	66%		45-114%
4165-62-2	Phenol-d5	68%		44-124%
118-79-6	2,4,6-Tribromophenol	75%		50-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB20-4,9		
Lab Sample ID:	F35686-19	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	75.6
Project:	HOLMN		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	67%		41-123%
321-60-8	2-Fluorobiphenyl	70%		46-122%
1718-51-0	Terphenyl-d14	80%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB20-4,9		
Lab Sample ID:	F35686-19	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8015	**Percent Solids:**	75.6
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	HH017260.D	1	10/22/05	AB	n/a	n/a	GHH789
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.19 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	8.0	4.0	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	90%		62-135%
98-08-8	aaa-Trifluorotoluene	94%		65-118%

(a) Sample was received in a bulk container and preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB20-4,9		
Lab Sample ID:	F35686-19	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	75.6
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	IJ26589.D	1	11/01/05	SD	10/31/05	OP14860	GIJ1252
Run #2	IJ26514.D	1	10/28/05	SD	10/24/05	OP14784	GIJ1250

	Initial Weight	Final Volume
Run #1	30.0 g	1.0 ml
Run #2	30.1 g	1.0 ml

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	11	6.6	mg/kg	
	TPH (> C22-C36)	ND	11	6.6	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	58%	54%	57-115%

(a) Sample re-extracted beyond hold time; reported results are considered minimum values. Higher values were reported.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB20-30,39		
Lab Sample ID:	F35686-20	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	72.1
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0035370.D	1	10/25/05	JG	n/a	n/a	VG1361
Run #2							

	Initial Weight
Run #1	5.77 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	60	30	ug/kg	
75-05-8	Acetonitrile	ND	60	24	ug/kg	
107-02-8	Acrolein	ND	30	15	ug/kg	
107-13-1	Acrylonitrile	ND	30	15	ug/kg	
107-05-1	Allyl chloride	ND	30	6.0	ug/kg	
71-43-2	Benzene	ND	6.0	2.4	ug/kg	
100-44-7	Benzyl Chloride	ND	6.0	3.0	ug/kg	
108-86-1	Bromobenzene	ND	6.0	2.4	ug/kg	
74-97-5	Bromochloromethane	ND	6.0	2.4	ug/kg	
75-27-4	Bromodichloromethane	ND	6.0	2.4	ug/kg	
75-25-2	Bromoform	ND	6.0	2.4	ug/kg	
104-51-8	n-Butylbenzene	ND	6.0	2.4	ug/kg	
135-98-8	sec-Butylbenzene	ND	6.0	2.4	ug/kg	
98-06-6	tert-Butylbenzene	ND	6.0	2.4	ug/kg	
108-90-7	Chlorobenzene	ND	6.0	2.4	ug/kg	
75-00-3	Chloroethane	ND	6.0	2.4	ug/kg	
67-66-3	Chloroform	ND	6.0	2.4	ug/kg	
544-10-5	1-Chlorohexane	ND	6.0	2.4	ug/kg	
95-49-8	o-Chlorotoluene	ND	6.0	2.4	ug/kg	
106-43-4	p-Chlorotoluene	ND	6.0	2.4	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	30	12	ug/kg	
75-15-0	Carbon disulfide	ND	6.0	2.4	ug/kg	
56-23-5	Carbon tetrachloride	ND	6.0	2.4	ug/kg	
75-34-3	1,1-Dichloroethane	ND	6.0	2.4	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	6.0	2.4	ug/kg	
563-58-6	1,1-Dichloropropene	ND	6.0	2.4	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	6.0	2.4	ug/kg	
106-93-4	1,2-Dibromoethane	ND	6.0	2.4	ug/kg	
107-06-2	1,2-Dichloroethane	ND	6.0	2.4	ug/kg	
78-87-5	1,2-Dichloropropane	ND	6.0	2.4	ug/kg	
142-28-9	1,3-Dichloropropane	ND	6.0	2.4	ug/kg	
594-20-7	2,2-Dichloropropane	ND	6.0	2.4	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB20-30,39		
Lab Sample ID:	F35686-20	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	72.1
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	6.0	2.4	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.0	3.6	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	6.0	2.4	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	6.0	2.4	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	30		ug/kg	
541-73-1	m-Dichlorobenzene	ND	6.0	2.4	ug/kg	
95-50-1	o-Dichlorobenzene	ND	6.0	2.4	ug/kg	
106-46-7	p-Dichlorobenzene	ND	6.0	2.4	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	6.0	2.4	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	6.0	2.4	ug/kg	
100-41-4	Ethylbenzene	ND	6.0	2.4	ug/kg	
97-63-2	Ethyl methacrylate	ND	30	6.0	ug/kg	
76-13-1	Freon 113	ND	6.0	2.4	ug/kg	
591-78-6	2-Hexanone	ND	30	12	ug/kg	
87-68-3	Hexachlorobutadiene	ND	6.0	2.4	ug/kg	
110-54-3	Hexane	ND	6.0	2.4	ug/kg	
98-82-8	Isopropylbenzene	ND	6.0	2.4	ug/kg	
99-87-6	p-Isopropyltoluene	ND	6.0	2.4	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	30	12	ug/kg	
126-98-7	Methacrylonitrile	ND	30	12	ug/kg	
74-83-9	Methyl bromide	ND	6.0	2.4	ug/kg	
74-87-3	Methyl chloride	ND	6.0	2.4	ug/kg	
74-88-4	Methyl iodide	ND	12	2.4	ug/kg	
80-62-6	Methyl methacrylate	ND	30	6.0	ug/kg	
74-95-3	Methylene bromide	ND	6.0	2.4	ug/kg	
75-09-2	Methylene chloride	ND	12	6.0	ug/kg	
78-93-3	Methyl ethyl ketone	ND	30	12	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	6.0	2.4	ug/kg	
91-20-3	Naphthalene	ND	6.0	2.4	ug/kg	
76-01-7	Pentachloroethane	ND	30	6.0	ug/kg	
107-12-0	Propionitrile	ND	60	12	ug/kg	
103-65-1	n-Propylbenzene	ND	6.0	2.4	ug/kg	
100-42-5	Styrene	ND	6.0	2.4	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	6.0	2.4	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	6.0	2.4	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6.0	2.4	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	6.0	2.4	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.0	2.4	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	6.0	2.4	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.0	2.4	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB20-30,39		
Lab Sample ID:	F35686-20	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	72.1
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	6.0	2.4	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	6.0	2.4	ug/kg	
127-18-4	Tetrachloroethylene	ND	6.0	2.4	ug/kg	
108-88-3	Toluene	ND	6.0	2.4	ug/kg	
79-01-6	Trichloroethylene	ND	6.0	2.4	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.0	2.4	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	30	12	ug/kg	
75-01-4	Vinyl chloride	ND	6.0	2.4	ug/kg	
108-05-4	Vinyl Acetate	ND	30	12	ug/kg	
	m,p-Xylene	ND	12	3.0	ug/kg	
95-47-6	o-Xylene	ND	6.0	2.4	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		78-123%
2037-26-5	Toluene-D8	86%		71-137%
460-00-4	4-Bromofluorobenzene	86%		61-157%
17060-07-0	1,2-Dichloroethane-D4	90%		74-125%

(a) Sample was received in a bulk container and preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB20-30,39		
Lab Sample ID:	F35686-20	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	72.1
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L028336.D	1	10/25/05	NJ	10/21/05	OP14774	SL1484
Run #2							

	Initial Weight	Final Volume
Run #1	30.8 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1100	450	ug/kg	
95-57-8	2-Chlorophenol	ND	230	45	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	230	45	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	230	45	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	230	45	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1100	450	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	450	90	ug/kg	
95-48-7	2-Methylphenol	ND	230	45	ug/kg	
	3&4-Methylphenol	ND	230	45	ug/kg	
88-75-5	2-Nitrophenol	ND	230	45	ug/kg	
100-02-7	4-Nitrophenol	ND	1100	450	ug/kg	
87-86-5	Pentachlorophenol	ND	1100	450	ug/kg	
108-95-2	Phenol	ND	230	45	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	230	45	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	230	45	ug/kg	
83-32-9	Acenaphthene	ND	230	45	ug/kg	
208-96-8	Acenaphthylene	ND	230	45	ug/kg	
120-12-7	Anthracene	ND	230	45	ug/kg	
92-87-5	Benzidine	ND	2300	1100	ug/kg	
56-55-3	Benzo(a)anthracene	ND	230	45	ug/kg	
50-32-8	Benzo(a)pyrene	ND	230	45	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	230	45	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	230	90	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	230	45	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	230	45	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	450	110	ug/kg	
100-51-6	Benzyl Alcohol	ND	230	45	ug/kg	
91-58-7	2-Chloronaphthalene	ND	230	45	ug/kg	
106-47-8	4-Chloroaniline	ND	450	180	ug/kg	
218-01-9	Chrysene	ND	230	45	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	230	45	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	230	90	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB20-30,39		
Lab Sample ID:	F35686-20	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	72.1
Project:	HOLMN		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	230	45	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	230	45	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	230	45	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	230	45	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	230	45	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	230	90	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	230	90	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	450	230	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	230	90	ug/kg	
132-64-9	Dibenzofuran	ND	230	45	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	450	110	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	450	230	ug/kg	
84-66-2	Diethyl phthalate	ND	450	110	ug/kg	
131-11-3	Dimethyl phthalate	ND	450	110	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	450	230	ug/kg	
206-44-0	Fluoranthene	ND	230	45	ug/kg	
86-73-7	Fluorene	ND	230	45	ug/kg	
118-74-1	Hexachlorobenzene	ND	230	45	ug/kg	
87-68-3	Hexachlorobutadiene	ND	230	90	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	230	90	ug/kg	
67-72-1	Hexachloroethane	ND	230	90	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	230	90	ug/kg	
78-59-1	Isophorone	ND	230	45	ug/kg	
91-57-6	2-Methylnaphthalene	ND	230	45	ug/kg	
88-74-4	2-Nitroaniline	ND	450	110	ug/kg	
99-09-2	3-Nitroaniline	ND	450	110	ug/kg	
100-01-6	4-Nitroaniline	ND	450	160	ug/kg	
91-20-3	Naphthalene	ND	230	45	ug/kg	
98-95-3	Nitrobenzene	ND	230	45	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	230	90	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	230	45	ug/kg	
85-01-8	Phenanthrene	ND	230	45	ug/kg	
129-00-0	Pyrene	ND	230	90	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	230	45	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	67%		45-114%
4165-62-2	Phenol-d5	69%		44-124%
118-79-6	2,4,6-Tribromophenol	75%		50-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB20-30,39		
Lab Sample ID:	F35686-20	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	72.1
Project:	HOLMN		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	68%		41-123%
321-60-8	2-Fluorobiphenyl	71%		46-122%
1718-51-0	Terphenyl-d14	80%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB20-30,39		
Lab Sample ID:	F35686-20	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8015	**Percent Solids:**	72.1
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	HH017261.D	1	10/22/05	AB	n/a	n/a	GHH789
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.86 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	7.9	3.9	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	89%		62-135%
98-08-8	aaa-Trifluorotoluene	93%		65-118%

(a) Sample was received in a bulk container and preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB20-30,39		
Lab Sample ID:	F35686-20	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	72.1
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	IJ26479.D	1	10/27/05	SD	10/24/05	OP14784	GIJ1249
Run #2							

	Initial Weight	Final Volume
Run #1	30.7 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	11	6.8	mg/kg	
	TPH (> C22-C36)	ND	11	6.8	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	63%		57-115%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB20-62,70		
Lab Sample ID:	F35686-21	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	72.4
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0035371.D	1	10/25/05	JG	n/a	n/a	VG1361
Run #2							

	Initial Weight
Run #1	4.75 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	73	36	ug/kg	
75-05-8	Acetonitrile	ND	73	29	ug/kg	
107-02-8	Acrolein	ND	36	18	ug/kg	
107-13-1	Acrylonitrile	ND	36	18	ug/kg	
107-05-1	Allyl chloride	ND	36	7.3	ug/kg	
71-43-2	Benzene	ND	7.3	2.9	ug/kg	
100-44-7	Benzyl Chloride	ND	7.3	3.6	ug/kg	
108-86-1	Bromobenzene	ND	7.3	2.9	ug/kg	
74-97-5	Bromochloromethane	ND	7.3	2.9	ug/kg	
75-27-4	Bromodichloromethane	ND	7.3	2.9	ug/kg	
75-25-2	Bromoform	ND	7.3	2.9	ug/kg	
104-51-8	n-Butylbenzene	ND	7.3	2.9	ug/kg	
135-98-8	sec-Butylbenzene	ND	7.3	2.9	ug/kg	
98-06-6	tert-Butylbenzene	ND	7.3	2.9	ug/kg	
108-90-7	Chlorobenzene	ND	7.3	2.9	ug/kg	
75-00-3	Chloroethane	ND	7.3	2.9	ug/kg	
67-66-3	Chloroform	ND	7.3	2.9	ug/kg	
544-10-5	1-Chlorohexane	ND	7.3	2.9	ug/kg	
95-49-8	o-Chlorotoluene	ND	7.3	2.9	ug/kg	
106-43-4	p-Chlorotoluene	ND	7.3	2.9	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	36	15	ug/kg	
75-15-0	Carbon disulfide	ND	7.3	2.9	ug/kg	
56-23-5	Carbon tetrachloride	ND	7.3	2.9	ug/kg	
75-34-3	1,1-Dichloroethane	ND	7.3	2.9	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	7.3	2.9	ug/kg	
563-58-6	1,1-Dichloropropene	ND	7.3	2.9	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	7.3	2.9	ug/kg	
106-93-4	1,2-Dibromoethane	ND	7.3	2.9	ug/kg	
107-06-2	1,2-Dichloroethane	ND	7.3	2.9	ug/kg	
78-87-5	1,2-Dichloropropane	ND	7.3	2.9	ug/kg	
142-28-9	1,3-Dichloropropane	ND	7.3	2.9	ug/kg	
594-20-7	2,2-Dichloropropane	ND	7.3	2.9	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB20-62,70		
Lab Sample ID:	F35686-21	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	72.4
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	7.3	2.9	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	7.3	4.4	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	7.3	2.9	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	7.3	2.9	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	36		ug/kg	
541-73-1	m-Dichlorobenzene	ND	7.3	2.9	ug/kg	
95-50-1	o-Dichlorobenzene	ND	7.3	2.9	ug/kg	
106-46-7	p-Dichlorobenzene	ND	7.3	2.9	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	7.3	2.9	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	7.3	2.9	ug/kg	
100-41-4	Ethylbenzene	ND	7.3	2.9	ug/kg	
97-63-2	Ethyl methacrylate	ND	36	7.3	ug/kg	
76-13-1	Freon 113	ND	7.3	2.9	ug/kg	
591-78-6	2-Hexanone	ND	36	15	ug/kg	
87-68-3	Hexachlorobutadiene	ND	7.3	2.9	ug/kg	
110-54-3	Hexane	ND	7.3	2.9	ug/kg	
98-82-8	Isopropylbenzene	ND	7.3	2.9	ug/kg	
99-87-6	p-Isopropyltoluene	ND	7.3	2.9	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	36	15	ug/kg	
126-98-7	Methacrylonitrile	ND	36	15	ug/kg	
74-83-9	Methyl bromide	ND	7.3	2.9	ug/kg	
74-87-3	Methyl chloride	ND	7.3	2.9	ug/kg	
74-88-4	Methyl iodide	ND	15	2.9	ug/kg	
80-62-6	Methyl methacrylate	ND	36	7.3	ug/kg	
74-95-3	Methylene bromide	ND	7.3	2.9	ug/kg	
75-09-2	Methylene chloride	ND	15	7.3	ug/kg	
78-93-3	Methyl ethyl ketone	ND	36	15	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	7.3	2.9	ug/kg	
91-20-3	Naphthalene	ND	7.3	2.9	ug/kg	
76-01-7	Pentachloroethane	ND	36	7.3	ug/kg	
107-12-0	Propionitrile	ND	73	15	ug/kg	
103-65-1	n-Propylbenzene	ND	7.3	2.9	ug/kg	
100-42-5	Styrene	ND	7.3	2.9	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	7.3	2.9	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	7.3	2.9	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	7.3	2.9	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	7.3	2.9	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	7.3	2.9	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	7.3	2.9	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	7.3	2.9	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB20-62,70		
Lab Sample ID:	F35686-21	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	72.4
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	7.3	2.9	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	7.3	2.9	ug/kg	
127-18-4	Tetrachloroethylene	ND	7.3	2.9	ug/kg	
108-88-3	Toluene	ND	7.3	2.9	ug/kg	
79-01-6	Trichloroethylene	ND	7.3	2.9	ug/kg	
75-69-4	Trichlorofluoromethane	ND	7.3	2.9	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	36	15	ug/kg	
75-01-4	Vinyl chloride	ND	7.3	2.9	ug/kg	
108-05-4	Vinyl Acetate	ND	36	15	ug/kg	
	m,p-Xylene	ND	15	3.6	ug/kg	
95-47-6	o-Xylene	ND	7.3	2.9	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	94%		78-123%
2037-26-5	Toluene-D8	91%		71-137%
460-00-4	4-Bromofluorobenzene	86%		61-157%
17060-07-0	1,2-Dichloroethane-D4	85%		74-125%

(a) Sample was received in a bulk container and preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB20-62,70		
Lab Sample ID:	F35686-21	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	72.4
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L028337.D	1	10/25/05	NJ	10/21/05	OP14774	SL1484
Run #2							

	Initial Weight	Final Volume
Run #1	30.2 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1100	460	ug/kg	
95-57-8	2-Chlorophenol	ND	230	46	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	230	46	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	230	46	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	230	46	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1100	460	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	460	91	ug/kg	
95-48-7	2-Methylphenol	ND	230	46	ug/kg	
	3&4-Methylphenol	ND	230	46	ug/kg	
88-75-5	2-Nitrophenol	ND	230	46	ug/kg	
100-02-7	4-Nitrophenol	ND	1100	460	ug/kg	
87-86-5	Pentachlorophenol	ND	1100	460	ug/kg	
108-95-2	Phenol	ND	230	46	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	230	46	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	230	46	ug/kg	
83-32-9	Acenaphthene	ND	230	46	ug/kg	
208-96-8	Acenaphthylene	ND	230	46	ug/kg	
120-12-7	Anthracene	ND	230	46	ug/kg	
92-87-5	Benzidine	ND	2300	1100	ug/kg	
56-55-3	Benzo(a)anthracene	ND	230	46	ug/kg	
50-32-8	Benzo(a)pyrene	ND	230	46	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	230	46	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	230	91	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	230	46	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	230	46	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	460	110	ug/kg	
100-51-6	Benzyl Alcohol	ND	230	46	ug/kg	
91-58-7	2-Chloronaphthalene	ND	230	46	ug/kg	
106-47-8	4-Chloroaniline	ND	460	180	ug/kg	
218-01-9	Chrysene	ND	230	46	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	230	46	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	230	91	ug/kg	

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B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB20-62,70		
Lab Sample ID:	F35686-21	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	72.4
Project:	HOLMN		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	230	46	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	230	46	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	230	46	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	230	46	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	230	46	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	230	91	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	230	91	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	460	230	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	230	91	ug/kg	
132-64-9	Dibenzofuran	ND	230	46	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	460	110	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	460	230	ug/kg	
84-66-2	Diethyl phthalate	ND	460	110	ug/kg	
131-11-3	Dimethyl phthalate	ND	460	110	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	460	230	ug/kg	
206-44-0	Fluoranthene	ND	230	46	ug/kg	
86-73-7	Fluorene	ND	230	46	ug/kg	
118-74-1	Hexachlorobenzene	ND	230	46	ug/kg	
87-68-3	Hexachlorobutadiene	ND	230	91	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	230	91	ug/kg	
67-72-1	Hexachloroethane	ND	230	91	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	230	91	ug/kg	
78-59-1	Isophorone	ND	230	46	ug/kg	
91-57-6	2-Methylnaphthalene	ND	230	46	ug/kg	
88-74-4	2-Nitroaniline	ND	460	110	ug/kg	
99-09-2	3-Nitroaniline	ND	460	110	ug/kg	
100-01-6	4-Nitroaniline	ND	460	160	ug/kg	
91-20-3	Naphthalene	ND	230	46	ug/kg	
98-95-3	Nitrobenzene	ND	230	46	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	230	91	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	230	46	ug/kg	
85-01-8	Phenanthrene	ND	230	46	ug/kg	
129-00-0	Pyrene	ND	230	91	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	230	46	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	67%		45-114%
4165-62-2	Phenol-d5	67%		44-124%
118-79-6	2,4,6-Tribromophenol	77%		50-128%

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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB20-62,70		
Lab Sample ID:	F35686-21	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	72.4
Project:	HOLMN		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	67%		41-123%
321-60-8	2-Fluorobiphenyl	71%		46-122%
1718-51-0	Terphenyl-d14	76%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB20-62,70		
Lab Sample ID:	F35686-21	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8015	**Percent Solids:**	72.4
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	HH017264.D	1	10/22/05	AB	n/a	n/a	GHH790
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.62 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	8.1	4.0	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	88%		62-135%
98-08-8	aaa-Trifluorotoluene	94%		65-118%

(a) Sample was received in a bulk container and preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB20-62,70		
Lab Sample ID:	F35686-21	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	72.4
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	IJ26480.D	1	10/27/05	SD	10/24/05	OP14784	GIJ1249
Run #2							

	Initial Weight	Final Volume
Run #1	30.2 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	11	6.9	mg/kg	
	TPH (> C22-C36)	ND	11	6.9	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	65%		57-115%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB21-7,12		
Lab Sample ID:	F35686-22	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	82.8
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0035403.D	1	10/26/05	JG	n/a	n/a	VG1362
Run #2 [b]	G0035377.D	1	10/25/05	JG	n/a	n/a	VG1361

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.95 g		
Run #2	4.76 g	5.0 ml	100 ul

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	51	25	ug/kg	
75-05-8	Acetonitrile	ND	51	20	ug/kg	
107-02-8	Acrolein	ND	25	13	ug/kg	
107-13-1	Acrylonitrile	ND	25	13	ug/kg	
107-05-1	Allyl chloride	ND	25	5.1	ug/kg	
71-43-2	Benzene	ND	5.1	2.0	ug/kg	
100-44-7	Benzyl Chloride	ND	5.1	2.5	ug/kg	
108-86-1	Bromobenzene	ND	5.1	2.0	ug/kg	
74-97-5	Bromochloromethane	ND	5.1	2.0	ug/kg	
75-27-4	Bromodichloromethane	ND	5.1	2.0	ug/kg	
75-25-2	Bromoform	ND	5.1	2.0	ug/kg	
104-51-8	n-Butylbenzene	ND	5.1	2.0	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.1	2.0	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.1	2.0	ug/kg	
108-90-7	Chlorobenzene	ND	5.1	2.0	ug/kg	
75-00-3	Chloroethane	ND	5.1	2.0	ug/kg	
67-66-3	Chloroform	ND	5.1	2.0	ug/kg	
544-10-5	1-Chlorohexane	ND	5.1	2.0	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.1	2.0	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.1	2.0	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	25	10	ug/kg	
75-15-0	Carbon disulfide	ND	5.1	2.0	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.1	2.0	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.1	2.0	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	5.1	2.0	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.1	2.0	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.1	2.0	ug/kg	
106-93-4	1,2-Dibromoethane	ND	5.1	2.0	ug/kg	
107-06-2	1,2-Dichloroethane	ND	5.1	2.0	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.1	2.0	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.1	2.0	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.1	2.0	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB21-7,12		
Lab Sample ID:	F35686-22	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	82.8
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	5.1	2.0	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.1	3.0	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	5.1	2.0	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.1	2.0	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	25		ug/kg	
541-73-1	m-Dichlorobenzene	ND	5.1	2.0	ug/kg	
95-50-1	o-Dichlorobenzene	ND	5.1	2.0	ug/kg	
106-46-7	p-Dichlorobenzene	ND	5.1	2.0	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	5.1	2.0	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.1	2.0	ug/kg	
100-41-4	Ethylbenzene	ND	5.1	2.0	ug/kg	
97-63-2	Ethyl methacrylate	ND	25	5.1	ug/kg	
76-13-1	Freon 113	ND	5.1	2.0	ug/kg	
591-78-6	2-Hexanone	ND	25	10	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.1	2.0	ug/kg	
110-54-3	Hexane	ND	5.1	2.0	ug/kg	
98-82-8	Isopropylbenzene	ND	5.1	2.0	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.1	2.0	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	25	10	ug/kg	
126-98-7	Methacrylonitrile	ND	25	10	ug/kg	
74-83-9	Methyl bromide	ND	5.1	2.0	ug/kg	
74-87-3	Methyl chloride	ND	5.1	2.0	ug/kg	
74-88-4	Methyl iodide	ND	10	2.0	ug/kg	
80-62-6	Methyl methacrylate	ND	25	5.1	ug/kg	
74-95-3	Methylene bromide	ND	5.1	2.0	ug/kg	
75-09-2	Methylene chloride	ND	10	5.1	ug/kg	
78-93-3	Methyl ethyl ketone	ND	25	10	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.1	2.0	ug/kg	
91-20-3	Naphthalene	3.3	5.1	2.0	ug/kg	JB
76-01-7	Pentachloroethane	ND	25	5.1	ug/kg	
107-12-0	Propionitrile	ND	51	10	ug/kg	
103-65-1	n-Propylbenzene	ND	5.1	2.0	ug/kg	
100-42-5	Styrene	ND	5.1	2.0	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.1	2.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.1	2.0	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.1	2.0	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.1	2.0	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.1	2.0	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.1	2.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.1	2.0	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB21-7,12		
Lab Sample ID:	F35686-22	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	82.8
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	10.4	5.1	2.0	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	9.2	5.1	2.0	ug/kg	
127-18-4	Tetrachloroethylene	ND	5.1	2.0	ug/kg	
108-88-3	Toluene	ND	5.1	2.0	ug/kg	
79-01-6	Trichloroethylene	ND	5.1	2.0	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.1	2.0	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	25	10	ug/kg	
75-01-4	Vinyl chloride	ND	5.1	2.0	ug/kg	
108-05-4	Vinyl Acetate	ND	25	10	ug/kg	
	m,p-Xylene	ND	10	2.5	ug/kg	
95-47-6	o-Xylene	ND	5.1	2.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%	95%	78-123%
2037-26-5	Toluene-D8	87%	89%	71-137%
460-00-4	4-Bromofluorobenzene	100%	84%	61-157%
17060-07-0	1,2-Dichloroethane-D4	96%	84%	74-125%

(a) Sample re-analyzed beyond hold time; reported results are considered minimum values.
(b) Sample was received in a bulk container and preserved within 48 hours of sampling.

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J = Indicates an estimated value
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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB21-7,12		
Lab Sample ID:	F35686-22	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	82.8
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L028338.D	1	10/25/05	NJ	10/21/05	OP14774	SL1484
Run #2							

	Initial Weight	Final Volume
Run #1	30.4 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	990	400	ug/kg	
95-57-8	2-Chlorophenol	ND	200	40	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	200	40	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	200	40	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	200	40	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	990	400	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	400	79	ug/kg	
95-48-7	2-Methylphenol	ND	200	40	ug/kg	
	3&4-Methylphenol	ND	200	40	ug/kg	
88-75-5	2-Nitrophenol	ND	200	40	ug/kg	
100-02-7	4-Nitrophenol	ND	990	400	ug/kg	
87-86-5	Pentachlorophenol	ND	990	400	ug/kg	
108-95-2	Phenol	ND	200	40	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	200	40	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	200	40	ug/kg	
83-32-9	Acenaphthene	ND	200	40	ug/kg	
208-96-8	Acenaphthylene	ND	200	40	ug/kg	
120-12-7	Anthracene	ND	200	40	ug/kg	
92-87-5	Benzidine	ND	2000	990	ug/kg	
56-55-3	Benzo(a)anthracene	ND	200	40	ug/kg	
50-32-8	Benzo(a)pyrene	ND	200	40	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	200	40	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	200	79	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	200	40	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	200	40	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	400	99	ug/kg	
100-51-6	Benzyl Alcohol	ND	200	40	ug/kg	
91-58-7	2-Chloronaphthalene	ND	200	40	ug/kg	
106-47-8	4-Chloroaniline	ND	400	160	ug/kg	
218-01-9	Chrysene	ND	200	40	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	200	40	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	200	79	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB21-7,12		
Lab Sample ID:	F35686-22	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	82.8
Project:	HOLMN		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	200	40	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	200	40	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	200	40	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	200	40	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	200	40	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	200	79	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	200	79	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	400	200	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	200	79	ug/kg	
132-64-9	Dibenzofuran	ND	200	40	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	400	99	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	400	200	ug/kg	
84-66-2	Diethyl phthalate	ND	400	99	ug/kg	
131-11-3	Dimethyl phthalate	ND	400	99	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	400	200	ug/kg	
206-44-0	Fluoranthene	ND	200	40	ug/kg	
86-73-7	Fluorene	ND	200	40	ug/kg	
118-74-1	Hexachlorobenzene	ND	200	40	ug/kg	
87-68-3	Hexachlorobutadiene	ND	200	79	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	200	79	ug/kg	
67-72-1	Hexachloroethane	ND	200	79	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	200	79	ug/kg	
78-59-1	Isophorone	ND	200	40	ug/kg	
91-57-6	2-Methylnaphthalene	ND	200	40	ug/kg	
88-74-4	2-Nitroaniline	ND	400	99	ug/kg	
99-09-2	3-Nitroaniline	ND	400	99	ug/kg	
100-01-6	4-Nitroaniline	ND	400	140	ug/kg	
91-20-3	Naphthalene	ND	200	40	ug/kg	
98-95-3	Nitrobenzene	ND	200	40	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	200	79	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	200	40	ug/kg	
85-01-8	Phenanthrene	ND	200	40	ug/kg	
129-00-0	Pyrene	ND	200	79	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	200	40	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	75%		45-114%
4165-62-2	Phenol-d5	73%		44-124%
118-79-6	2,4,6-Tribromophenol	81%		50-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB21-7,12		
Lab Sample ID:	F35686-22	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	82.8
Project:	HOLMN		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	76%		41-123%
321-60-8	2-Fluorobiphenyl	77%		46-122%
1718-51-0	Terphenyl-d14	80%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB21-7,12		
Lab Sample ID:	F35686-22	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8015	**Percent Solids:**	82.8
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	HH017265.D	1	10/22/05	AB	n/a	n/a	GHH790
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	4.76 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	14.2	7.4	3.7	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	100% [b]		62-135%
460-00-4	4-Bromofluorobenzene	141% [c]		62-135%
98-08-8	aaa-Trifluorotoluene	94%		65-118%

(a) Sample was received in a bulk container and preserved within 48 hours of sampling.
(b) Result reported from PID.
(c) Outside control limits due to matrix interference.

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB21-7,12		
Lab Sample ID:	F35686-22	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	82.8
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	IJ26481.D	1	10/27/05	SD	10/24/05	OP14784	GIJ1249
Run #2							

	Initial Weight	Final Volume
Run #1	30.8 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	8.40	9.8	5.9	mg/kg	J
	TPH (> C22-C36)	ND	9.8	5.9	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	64%		57-115%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB21-32,37		
Lab Sample ID:	F35686-23	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	77.7
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0035373.D	1	10/25/05	JG	n/a	n/a	VG1361
Run #2							

	Initial Weight
Run #1	6.42 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	50	25	ug/kg	
75-05-8	Acetonitrile	ND	50	20	ug/kg	
107-02-8	Acrolein	ND	25	13	ug/kg	
107-13-1	Acrylonitrile	ND	25	13	ug/kg	
107-05-1	Allyl chloride	ND	25	5.0	ug/kg	
71-43-2	Benzene	ND	5.0	2.0	ug/kg	
100-44-7	Benzyl Chloride	ND	5.0	2.5	ug/kg	
108-86-1	Bromobenzene	ND	5.0	2.0	ug/kg	
74-97-5	Bromochloromethane	ND	5.0	2.0	ug/kg	
75-27-4	Bromodichloromethane	ND	5.0	2.0	ug/kg	
75-25-2	Bromoform	ND	5.0	2.0	ug/kg	
104-51-8	n-Butylbenzene	ND	5.0	2.0	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.0	2.0	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.0	2.0	ug/kg	
108-90-7	Chlorobenzene	ND	5.0	2.0	ug/kg	
75-00-3	Chloroethane	ND	5.0	2.0	ug/kg	
67-66-3	Chloroform	ND	5.0	2.0	ug/kg	
544-10-5	1-Chlorohexane	ND	5.0	2.0	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.0	2.0	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.0	2.0	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	25	10	ug/kg	
75-15-0	Carbon disulfide	ND	5.0	2.0	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.0	2.0	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.0	2.0	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	5.0	2.0	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.0	2.0	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	2.0	ug/kg	
106-93-4	1,2-Dibromoethane	ND	5.0	2.0	ug/kg	
107-06-2	1,2-Dichloroethane	ND	5.0	2.0	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.0	2.0	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.0	2.0	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.0	2.0	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB21-32,37		
Lab Sample ID:	F35686-23	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	77.7
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	5.0	2.0	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	3.0	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	5.0	2.0	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	2.0	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	25		ug/kg	
541-73-1	m-Dichlorobenzene	ND	5.0	2.0	ug/kg	
95-50-1	o-Dichlorobenzene	ND	5.0	2.0	ug/kg	
106-46-7	p-Dichlorobenzene	ND	5.0	2.0	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	5.0	2.0	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	2.0	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	2.0	ug/kg	
97-63-2	Ethyl methacrylate	ND	25	5.0	ug/kg	
76-13-1	Freon 113	ND	5.0	2.0	ug/kg	
591-78-6	2-Hexanone	ND	25	10	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.0	2.0	ug/kg	
110-54-3	Hexane	ND	5.0	2.0	ug/kg	
98-82-8	Isopropylbenzene	ND	5.0	2.0	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.0	2.0	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	25	10	ug/kg	
126-98-7	Methacrylonitrile	ND	25	10	ug/kg	
74-83-9	Methyl bromide	ND	5.0	2.0	ug/kg	
74-87-3	Methyl chloride	ND	5.0	2.0	ug/kg	
74-88-4	Methyl iodide	ND	10	2.0	ug/kg	
80-62-6	Methyl methacrylate	ND	25	5.0	ug/kg	
74-95-3	Methylene bromide	ND	5.0	2.0	ug/kg	
75-09-2	Methylene chloride	ND	10	5.0	ug/kg	
78-93-3	Methyl ethyl ketone	ND	25	10	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	2.0	ug/kg	
91-20-3	Naphthalene	ND	5.0	2.0	ug/kg	
76-01-7	Pentachloroethane	ND	25	5.0	ug/kg	
107-12-0	Propionitrile	ND	50	10	ug/kg	
103-65-1	n-Propylbenzene	ND	5.0	2.0	ug/kg	
100-42-5	Styrene	ND	5.0	2.0	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	2.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.0	2.0	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	2.0	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.0	2.0	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	2.0	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	2.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	2.0	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB21-32,37		
Lab Sample ID:	F35686-23	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	77.7
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	2.0	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	2.0	ug/kg	
127-18-4	Tetrachloroethylene	ND	5.0	2.0	ug/kg	
108-88-3	Toluene	ND	5.0	2.0	ug/kg	
79-01-6	Trichloroethylene	ND	5.0	2.0	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	2.0	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	25	10	ug/kg	
75-01-4	Vinyl chloride	ND	5.0	2.0	ug/kg	
108-05-4	Vinyl Acetate	ND	25	10	ug/kg	
	m,p-Xylene	ND	10	2.5	ug/kg	
95-47-6	o-Xylene	ND	5.0	2.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		78-123%
2037-26-5	Toluene-D8	88%		71-137%
460-00-4	4-Bromofluorobenzene	82%		61-157%
17060-07-0	1,2-Dichloroethane-D4	89%		74-125%

(a) Sample was received in a bulk container and preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB21-32,37		
Lab Sample ID:	F35686-23	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	77.7
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L028339.D	1	10/25/05	NJ	10/21/05	OP14774	SL1484
Run #2							

	Initial Weight	Final Volume
Run #1	30.3 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1100	420	ug/kg	
95-57-8	2-Chlorophenol	ND	210	42	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	210	42	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	210	42	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	210	42	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1100	420	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	420	85	ug/kg	
95-48-7	2-Methylphenol	ND	210	42	ug/kg	
	3&4-Methylphenol	ND	210	42	ug/kg	
88-75-5	2-Nitrophenol	ND	210	42	ug/kg	
100-02-7	4-Nitrophenol	ND	1100	420	ug/kg	
87-86-5	Pentachlorophenol	ND	1100	420	ug/kg	
108-95-2	Phenol	ND	210	42	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	210	42	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	210	42	ug/kg	
83-32-9	Acenaphthene	ND	210	42	ug/kg	
208-96-8	Acenaphthylene	ND	210	42	ug/kg	
120-12-7	Anthracene	ND	210	42	ug/kg	
92-87-5	Benzidine	ND	2100	1100	ug/kg	
56-55-3	Benzo(a)anthracene	ND	210	42	ug/kg	
50-32-8	Benzo(a)pyrene	ND	210	42	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	210	42	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	210	85	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	210	42	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	210	42	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	420	110	ug/kg	
100-51-6	Benzyl Alcohol	ND	210	42	ug/kg	
91-58-7	2-Chloronaphthalene	ND	210	42	ug/kg	
106-47-8	4-Chloroaniline	ND	420	170	ug/kg	
218-01-9	Chrysene	ND	210	42	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	210	42	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	210	85	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB21-32,37		
Lab Sample ID:	F35686-23	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	77.7
Project:	HOLMN		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	210	42	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	210	42	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	210	42	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	210	42	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	210	42	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	210	85	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	210	85	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	420	210	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	210	85	ug/kg	
132-64-9	Dibenzofuran	ND	210	42	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	420	110	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	420	210	ug/kg	
84-66-2	Diethyl phthalate	ND	420	110	ug/kg	
131-11-3	Dimethyl phthalate	ND	420	110	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	420	210	ug/kg	
206-44-0	Fluoranthene	ND	210	42	ug/kg	
86-73-7	Fluorene	ND	210	42	ug/kg	
118-74-1	Hexachlorobenzene	ND	210	42	ug/kg	
87-68-3	Hexachlorobutadiene	ND	210	85	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	210	85	ug/kg	
67-72-1	Hexachloroethane	ND	210	85	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	210	85	ug/kg	
78-59-1	Isophorone	ND	210	42	ug/kg	
91-57-6	2-Methylnaphthalene	ND	210	42	ug/kg	
88-74-4	2-Nitroaniline	ND	420	110	ug/kg	
99-09-2	3-Nitroaniline	ND	420	110	ug/kg	
100-01-6	4-Nitroaniline	ND	420	150	ug/kg	
91-20-3	Naphthalene	ND	210	42	ug/kg	
98-95-3	Nitrobenzene	ND	210	42	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	210	85	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	210	42	ug/kg	
85-01-8	Phenanthrene	ND	210	42	ug/kg	
129-00-0	Pyrene	ND	210	85	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	210	42	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	65%		45-114%
4165-62-2	Phenol-d5	66%		44-124%
118-79-6	2,4,6-Tribromophenol	76%		50-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB21-32,37		
Lab Sample ID:	F35686-23	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	77.7
Project:	HOLMN		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	64%		41-123%
321-60-8	2-Fluorobiphenyl	68%		46-122%
1718-51-0	Terphenyl-d14	80%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB21-32,37		
Lab Sample ID:	F35686-23	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8015	**Percent Solids:**	77.7
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	HH017266.D	1	10/22/05	AB	n/a	n/a	GHH790
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.70 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	7.1	3.5	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	94%		62-135%
98-08-8	aaa-Trifluorotoluene	93%		65-118%

(a) Sample was received in a bulk container and preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB21-32,37		
Lab Sample ID:	F35686-23	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	77.7
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	IJ26590.D	1	11/01/05	SD	10/31/05	OP14860	GIJ1252
Run #2	IJ26515.D	1	10/28/05	SD	10/24/05	OP14784	GIJ1250

	Initial Weight	Final Volume
Run #1	30.4 g	1.0 ml
Run #2	30.3 g	1.0 ml

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	11	6.4	mg/kg	
	TPH (> C22-C36)	ND	11	6.4	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	64%	49%	57-115%

(a) Sample re-extracted beyond hold time; reported results are considered minimum values. Higher values were reported.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB21-62,69		
Lab Sample ID:	F35686-24	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	73.1
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0035374.D	1	10/25/05	JG	n/a	n/a	VG1361
Run #2							

	Initial Weight
Run #1	5.07 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	67	34	ug/kg	
75-05-8	Acetonitrile	ND	67	27	ug/kg	
107-02-8	Acrolein	ND	34	17	ug/kg	
107-13-1	Acrylonitrile	ND	34	17	ug/kg	
107-05-1	Allyl chloride	ND	34	6.7	ug/kg	
71-43-2	Benzene	ND	6.7	2.7	ug/kg	
100-44-7	Benzyl Chloride	ND	6.7	3.4	ug/kg	
108-86-1	Bromobenzene	ND	6.7	2.7	ug/kg	
74-97-5	Bromochloromethane	ND	6.7	2.7	ug/kg	
75-27-4	Bromodichloromethane	ND	6.7	2.7	ug/kg	
75-25-2	Bromoform	ND	6.7	2.7	ug/kg	
104-51-8	n-Butylbenzene	ND	6.7	2.7	ug/kg	
135-98-8	sec-Butylbenzene	ND	6.7	2.7	ug/kg	
98-06-6	tert-Butylbenzene	ND	6.7	2.7	ug/kg	
108-90-7	Chlorobenzene	ND	6.7	2.7	ug/kg	
75-00-3	Chloroethane	ND	6.7	2.7	ug/kg	
67-66-3	Chloroform	ND	6.7	2.7	ug/kg	
544-10-5	1-Chlorohexane	ND	6.7	2.7	ug/kg	
95-49-8	o-Chlorotoluene	ND	6.7	2.7	ug/kg	
106-43-4	p-Chlorotoluene	ND	6.7	2.7	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	34	13	ug/kg	
75-15-0	Carbon disulfide	ND	6.7	2.7	ug/kg	
56-23-5	Carbon tetrachloride	ND	6.7	2.7	ug/kg	
75-34-3	1,1-Dichloroethane	ND	6.7	2.7	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	6.7	2.7	ug/kg	
563-58-6	1,1-Dichloropropene	ND	6.7	2.7	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	6.7	2.7	ug/kg	
106-93-4	1,2-Dibromoethane	ND	6.7	2.7	ug/kg	
107-06-2	1,2-Dichloroethane	ND	6.7	2.7	ug/kg	
78-87-5	1,2-Dichloropropane	ND	6.7	2.7	ug/kg	
142-28-9	1,3-Dichloropropane	ND	6.7	2.7	ug/kg	
594-20-7	2,2-Dichloropropane	ND	6.7	2.7	ug/kg	

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RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB21-62,69		
Lab Sample ID:	F35686-24	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	73.1
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	6.7	2.7	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.7	4.0	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	6.7	2.7	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	6.7	2.7	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	34		ug/kg	
541-73-1	m-Dichlorobenzene	ND	6.7	2.7	ug/kg	
95-50-1	o-Dichlorobenzene	ND	6.7	2.7	ug/kg	
106-46-7	p-Dichlorobenzene	ND	6.7	2.7	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	6.7	2.7	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	6.7	2.7	ug/kg	
100-41-4	Ethylbenzene	ND	6.7	2.7	ug/kg	
97-63-2	Ethyl methacrylate	ND	34	6.7	ug/kg	
76-13-1	Freon 113	ND	6.7	2.7	ug/kg	
591-78-6	2-Hexanone	ND	34	13	ug/kg	
87-68-3	Hexachlorobutadiene	ND	6.7	2.7	ug/kg	
110-54-3	Hexane	ND	6.7	2.7	ug/kg	
98-82-8	Isopropylbenzene	ND	6.7	2.7	ug/kg	
99-87-6	p-Isopropyltoluene	ND	6.7	2.7	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	34	13	ug/kg	
126-98-7	Methacrylonitrile	ND	34	13	ug/kg	
74-83-9	Methyl bromide	ND	6.7	2.7	ug/kg	
74-87-3	Methyl chloride	ND	6.7	2.7	ug/kg	
74-88-4	Methyl iodide	ND	13	2.7	ug/kg	
80-62-6	Methyl methacrylate	ND	34	6.7	ug/kg	
74-95-3	Methylene bromide	ND	6.7	2.7	ug/kg	
75-09-2	Methylene chloride	ND	13	6.7	ug/kg	
78-93-3	Methyl ethyl ketone	ND	34	13	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	6.7	2.7	ug/kg	
91-20-3	Naphthalene	ND	6.7	2.7	ug/kg	
76-01-7	Pentachloroethane	ND	34	6.7	ug/kg	
107-12-0	Propionitrile	ND	67	13	ug/kg	
103-65-1	n-Propylbenzene	ND	6.7	2.7	ug/kg	
100-42-5	Styrene	ND	6.7	2.7	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	6.7	2.7	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	6.7	2.7	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6.7	2.7	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	6.7	2.7	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.7	2.7	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	6.7	2.7	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.7	2.7	ug/kg	

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E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB21-62,69		
Lab Sample ID:	F35686-24	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	73.1
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	6.7	2.7	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	6.7	2.7	ug/kg	
127-18-4	Tetrachloroethylene	ND	6.7	2.7	ug/kg	
108-88-3	Toluene	ND	6.7	2.7	ug/kg	
79-01-6	Trichloroethylene	ND	6.7	2.7	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.7	2.7	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	34	13	ug/kg	
75-01-4	Vinyl chloride	ND	6.7	2.7	ug/kg	
108-05-4	Vinyl Acetate	ND	34	13	ug/kg	
	m,p-Xylene	ND	13	3.4	ug/kg	
95-47-6	o-Xylene	ND	6.7	2.7	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		78-123%
2037-26-5	Toluene-D8	87%		71-137%
460-00-4	4-Bromofluorobenzene	82%		61-157%
17060-07-0	1,2-Dichloroethane-D4	82%		74-125%

(a) Sample was received in a bulk container and preserved within 48 hours of sampling.

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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB21-62,69		
Lab Sample ID:	F35686-24	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	73.1
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L028340.D	1	10/25/05	NJ	10/21/05	OP14774	SL1484
Run #2							

	Initial Weight	Final Volume
Run #1	30.6 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1100	450	ug/kg	
95-57-8	2-Chlorophenol	ND	220	45	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	220	45	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	220	45	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	220	45	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1100	450	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	450	89	ug/kg	
95-48-7	2-Methylphenol	ND	220	45	ug/kg	
	3&4-Methylphenol	ND	220	45	ug/kg	
88-75-5	2-Nitrophenol	ND	220	45	ug/kg	
100-02-7	4-Nitrophenol	ND	1100	450	ug/kg	
87-86-5	Pentachlorophenol	ND	1100	450	ug/kg	
108-95-2	Phenol	ND	220	45	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	220	45	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	220	45	ug/kg	
83-32-9	Acenaphthene	ND	220	45	ug/kg	
208-96-8	Acenaphthylene	ND	220	45	ug/kg	
120-12-7	Anthracene	ND	220	45	ug/kg	
92-87-5	Benzidine	ND	2200	1100	ug/kg	
56-55-3	Benzo(a)anthracene	ND	220	45	ug/kg	
50-32-8	Benzo(a)pyrene	ND	220	45	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	220	45	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	220	89	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	220	45	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	220	45	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	450	110	ug/kg	
100-51-6	Benzyl Alcohol	ND	220	45	ug/kg	
91-58-7	2-Chloronaphthalene	ND	220	45	ug/kg	
106-47-8	4-Chloroaniline	ND	450	180	ug/kg	
218-01-9	Chrysene	ND	220	45	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	220	45	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	220	89	ug/kg	

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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB21-62,69		
Lab Sample ID:	F35686-24	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	73.1
Project:	HOLMN		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	220	45	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	220	45	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	220	45	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	220	45	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	220	45	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	220	89	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	220	89	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	450	220	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	220	89	ug/kg	
132-64-9	Dibenzofuran	ND	220	45	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	450	110	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	450	220	ug/kg	
84-66-2	Diethyl phthalate	ND	450	110	ug/kg	
131-11-3	Dimethyl phthalate	ND	450	110	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	450	220	ug/kg	
206-44-0	Fluoranthene	ND	220	45	ug/kg	
86-73-7	Fluorene	ND	220	45	ug/kg	
118-74-1	Hexachlorobenzene	ND	220	45	ug/kg	
87-68-3	Hexachlorobutadiene	ND	220	89	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	220	89	ug/kg	
67-72-1	Hexachloroethane	ND	220	89	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	220	89	ug/kg	
78-59-1	Isophorone	ND	220	45	ug/kg	
91-57-6	2-Methylnaphthalene	ND	220	45	ug/kg	
88-74-4	2-Nitroaniline	ND	450	110	ug/kg	
99-09-2	3-Nitroaniline	ND	450	110	ug/kg	
100-01-6	4-Nitroaniline	ND	450	160	ug/kg	
91-20-3	Naphthalene	ND	220	45	ug/kg	
98-95-3	Nitrobenzene	ND	220	45	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	220	89	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	220	45	ug/kg	
85-01-8	Phenanthrene	ND	220	45	ug/kg	
129-00-0	Pyrene	ND	220	89	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	220	45	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	59%		45-114%
4165-62-2	Phenol-d5	59%		44-124%
118-79-6	2,4,6-Tribromophenol	66%		50-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB21-62,69		
Lab Sample ID:	F35686-24	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	73.1
Project:	HOLMN		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	60%		41-123%
321-60-8	2-Fluorobiphenyl	62%		46-122%
1718-51-0	Terphenyl-d14	66%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB21-62,69		
Lab Sample ID:	F35686-24	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8015	**Percent Solids:**	73.1
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	HH017267.D	1	10/22/05	AB	n/a	n/a	GHH790
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	4.91 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	8.8	4.4	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	90%		62-135%
98-08-8	aaa-Trifluorotoluene	93%		65-118%

(a) Sample was received in a bulk container and preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB21-62,69		
Lab Sample ID:	F35686-24	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	73.1
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	IJ26516.D	1	10/28/05	SD	10/24/05	OP14784	GIJ1250
Run #2							

	Initial Weight	Final Volume
Run #1	30.4 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	11	6.7	mg/kg	
	TPH (> C22-C36)	ND	11	6.7	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	62%		57-115%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB21FD-7,12		
Lab Sample ID:	F35686-25	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	84.1
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0035404.D	1	10/26/05	JG	n/a	n/a	VG1362
Run #2 [b]	G0035378.D	1	10/25/05	JG	n/a	n/a	VG1361

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.92 g		
Run #2	4.60 g	5.0 ml	100 ul

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	50	25	ug/kg	
75-05-8	Acetonitrile	ND	50	20	ug/kg	
107-02-8	Acrolein	ND	25	13	ug/kg	
107-13-1	Acrylonitrile	ND	25	13	ug/kg	
107-05-1	Allyl chloride	ND	25	5.0	ug/kg	
71-43-2	Benzene	ND	5.0	2.0	ug/kg	
100-44-7	Benzyl Chloride	ND	5.0	2.5	ug/kg	
108-86-1	Bromobenzene	ND	5.0	2.0	ug/kg	
74-97-5	Bromochloromethane	ND	5.0	2.0	ug/kg	
75-27-4	Bromodichloromethane	ND	5.0	2.0	ug/kg	
75-25-2	Bromoform	ND	5.0	2.0	ug/kg	
104-51-8	n-Butylbenzene	ND	5.0	2.0	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.0	2.0	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.0	2.0	ug/kg	
108-90-7	Chlorobenzene	ND	5.0	2.0	ug/kg	
75-00-3	Chloroethane	ND	5.0	2.0	ug/kg	
67-66-3	Chloroform	ND	5.0	2.0	ug/kg	
544-10-5	1-Chlorohexane	ND	5.0	2.0	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.0	2.0	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.0	2.0	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	25	10	ug/kg	
75-15-0	Carbon disulfide	ND	5.0	2.0	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.0	2.0	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.0	2.0	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	5.0	2.0	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.0	2.0	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	2.0	ug/kg	
106-93-4	1,2-Dibromoethane	ND	5.0	2.0	ug/kg	
107-06-2	1,2-Dichloroethane	ND	5.0	2.0	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.0	2.0	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.0	2.0	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.0	2.0	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB21FD-7,12		
Lab Sample ID:	F35686-25	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	84.1
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	5.0	2.0	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	3.0	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	5.0	2.0	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	2.0	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	25		ug/kg	
541-73-1	m-Dichlorobenzene	ND	5.0	2.0	ug/kg	
95-50-1	o-Dichlorobenzene	ND	5.0	2.0	ug/kg	
106-46-7	p-Dichlorobenzene	ND	5.0	2.0	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	5.0	2.0	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	2.0	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	2.0	ug/kg	
97-63-2	Ethyl methacrylate	ND	25	5.0	ug/kg	
76-13-1	Freon 113	ND	5.0	2.0	ug/kg	
591-78-6	2-Hexanone	ND	25	10	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.0	2.0	ug/kg	
110-54-3	Hexane	ND	5.0	2.0	ug/kg	
98-82-8	Isopropylbenzene	ND	5.0	2.0	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.0	2.0	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	25	10	ug/kg	
126-98-7	Methacrylonitrile	ND	25	10	ug/kg	
74-83-9	Methyl bromide	ND	5.0	2.0	ug/kg	
74-87-3	Methyl chloride	ND	5.0	2.0	ug/kg	
74-88-4	Methyl iodide	ND	10	2.0	ug/kg	
80-62-6	Methyl methacrylate	ND	25	5.0	ug/kg	
74-95-3	Methylene bromide	ND	5.0	2.0	ug/kg	
75-09-2	Methylene chloride	ND	10	5.0	ug/kg	
78-93-3	Methyl ethyl ketone	ND	25	10	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	2.0	ug/kg	
91-20-3	Naphthalene	ND	5.0	2.0	ug/kg	
76-01-7	Pentachloroethane	ND	25	5.0	ug/kg	
107-12-0	Propionitrile	ND	50	10	ug/kg	
103-65-1	n-Propylbenzene	ND	5.0	2.0	ug/kg	
100-42-5	Styrene	ND	5.0	2.0	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	2.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.0	2.0	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	2.0	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.0	2.0	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	2.0	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	2.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	2.0	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB21FD-7,12		
Lab Sample ID:	F35686-25	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	84.1
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	3.9	5.0	2.0	ug/kg	J
108-67-8	1,3,5-Trimethylbenzene	3.4	5.0	2.0	ug/kg	J
127-18-4	Tetrachloroethylene	ND	5.0	2.0	ug/kg	
108-88-3	Toluene	ND	5.0	2.0	ug/kg	
79-01-6	Trichloroethylene	ND	5.0	2.0	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	2.0	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	25	10	ug/kg	
75-01-4	Vinyl chloride	ND	5.0	2.0	ug/kg	
108-05-4	Vinyl Acetate	ND	25	10	ug/kg	
	m,p-Xylene	ND	10	2.5	ug/kg	
95-47-6	o-Xylene	ND	5.0	2.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%	94%	78-123%
2037-26-5	Toluene-D8	87%	92%	71-137%
460-00-4	4-Bromofluorobenzene	99%	87%	61-157%
17060-07-0	1,2-Dichloroethane-D4	99%	94%	74-125%

(a) Sample re-analyzed beyond hold time; reported results are considered minimum values.
(b) Sample was received in a bulk container and preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB21FD-7,12		
Lab Sample ID:	F35686-25	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	84.1
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L028341.D	1	10/25/05	NJ	10/21/05	OP14774	SL1484
Run #2							

	Initial Weight	Final Volume
Run #1	30.6 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	970	390	ug/kg	
95-57-8	2-Chlorophenol	ND	190	39	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	190	39	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	190	39	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	190	39	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	970	390	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	390	78	ug/kg	
95-48-7	2-Methylphenol	ND	190	39	ug/kg	
	3&4-Methylphenol	ND	190	39	ug/kg	
88-75-5	2-Nitrophenol	ND	190	39	ug/kg	
100-02-7	4-Nitrophenol	ND	970	390	ug/kg	
87-86-5	Pentachlorophenol	ND	970	390	ug/kg	
108-95-2	Phenol	ND	190	39	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	190	39	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	190	39	ug/kg	
83-32-9	Acenaphthene	ND	190	39	ug/kg	
208-96-8	Acenaphthylene	ND	190	39	ug/kg	
120-12-7	Anthracene	ND	190	39	ug/kg	
92-87-5	Benzidine	ND	1900	970	ug/kg	
56-55-3	Benzo(a)anthracene	ND	190	39	ug/kg	
50-32-8	Benzo(a)pyrene	ND	190	39	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	190	39	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	190	78	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	190	39	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	190	39	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	390	97	ug/kg	
100-51-6	Benzyl Alcohol	ND	190	39	ug/kg	
91-58-7	2-Chloronaphthalene	ND	190	39	ug/kg	
106-47-8	4-Chloroaniline	ND	390	160	ug/kg	
218-01-9	Chrysene	ND	190	39	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	190	39	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	190	78	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB21FD-7,12		
Lab Sample ID:	F35686-25	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	84.1
Project:	HOLMN		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	190	39	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	190	39	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	190	39	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	190	39	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	190	39	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	190	78	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	190	78	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	390	190	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	190	78	ug/kg	
132-64-9	Dibenzofuran	ND	190	39	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	390	97	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	390	190	ug/kg	
84-66-2	Diethyl phthalate	ND	390	97	ug/kg	
131-11-3	Dimethyl phthalate	ND	390	97	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	390	190	ug/kg	
206-44-0	Fluoranthene	ND	190	39	ug/kg	
86-73-7	Fluorene	ND	190	39	ug/kg	
118-74-1	Hexachlorobenzene	ND	190	39	ug/kg	
87-68-3	Hexachlorobutadiene	ND	190	78	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	190	78	ug/kg	
67-72-1	Hexachloroethane	ND	190	78	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	190	78	ug/kg	
78-59-1	Isophorone	ND	190	39	ug/kg	
91-57-6	2-Methylnaphthalene	ND	190	39	ug/kg	
88-74-4	2-Nitroaniline	ND	390	97	ug/kg	
99-09-2	3-Nitroaniline	ND	390	97	ug/kg	
100-01-6	4-Nitroaniline	ND	390	140	ug/kg	
91-20-3	Naphthalene	ND	190	39	ug/kg	
98-95-3	Nitrobenzene	ND	190	39	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	190	78	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	190	39	ug/kg	
85-01-8	Phenanthrene	ND	190	39	ug/kg	
129-00-0	Pyrene	ND	190	78	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	190	39	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	53%		45-114%
4165-62-2	Phenol-d5	53%		44-124%
118-79-6	2,4,6-Tribromophenol	66%		50-128%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB21FD-7,12		
Lab Sample ID:	F35686-25	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	84.1
Project:	HOLMN		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	55%		41-123%
321-60-8	2-Fluorobiphenyl	53%		46-122%
1718-51-0	Terphenyl-d14	63%		45-135%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB21FD-7,12		
Lab Sample ID:	F35686-25	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8015	**Percent Solids:**	84.1
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	HH017270.D	1	10/22/05	AB	n/a	n/a	GHH790
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	4.60 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	5.61	7.4	3.7	mg/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	106%		62-135%
98-08-8	aaa-Trifluorotoluene	93%		65-118%

(a) Sample was received in a bulk container and preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB21FD-7,12		
Lab Sample ID:	F35686-25	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	84.1
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	IJ26486.D	1	10/27/05	SD	10/24/05	OP14784	GIJ1249
Run #2							

	Initial Weight	Final Volume
Run #1	30.4 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	58.0	9.8	5.9	mg/kg	
	TPH (> C22-C36)	ND	9.8	5.9	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	69%		57-115%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB21FD-32,37		
Lab Sample ID:	F35686-26	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	76.9
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0035375.D	1	10/25/05	JG	n/a	n/a	VG1361
Run #2							

	Initial Weight
Run #1	5.25 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	62	31	ug/kg	
75-05-8	Acetonitrile	ND	62	25	ug/kg	
107-02-8	Acrolein	ND	31	15	ug/kg	
107-13-1	Acrylonitrile	ND	31	15	ug/kg	
107-05-1	Allyl chloride	ND	31	6.2	ug/kg	
71-43-2	Benzene	ND	6.2	2.5	ug/kg	
100-44-7	Benzyl Chloride	ND	6.2	3.1	ug/kg	
108-86-1	Bromobenzene	ND	6.2	2.5	ug/kg	
74-97-5	Bromochloromethane	ND	6.2	2.5	ug/kg	
75-27-4	Bromodichloromethane	ND	6.2	2.5	ug/kg	
75-25-2	Bromoform	ND	6.2	2.5	ug/kg	
104-51-8	n-Butylbenzene	ND	6.2	2.5	ug/kg	
135-98-8	sec-Butylbenzene	ND	6.2	2.5	ug/kg	
98-06-6	tert-Butylbenzene	ND	6.2	2.5	ug/kg	
108-90-7	Chlorobenzene	ND	6.2	2.5	ug/kg	
75-00-3	Chloroethane	ND	6.2	2.5	ug/kg	
67-66-3	Chloroform	ND	6.2	2.5	ug/kg	
544-10-5	1-Chlorohexane	ND	6.2	2.5	ug/kg	
95-49-8	o-Chlorotoluene	ND	6.2	2.5	ug/kg	
106-43-4	p-Chlorotoluene	ND	6.2	2.5	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	31	12	ug/kg	
75-15-0	Carbon disulfide	ND	6.2	2.5	ug/kg	
56-23-5	Carbon tetrachloride	ND	6.2	2.5	ug/kg	
75-34-3	1,1-Dichloroethane	ND	6.2	2.5	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	6.2	2.5	ug/kg	
563-58-6	1,1-Dichloropropene	ND	6.2	2.5	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	6.2	2.5	ug/kg	
106-93-4	1,2-Dibromoethane	ND	6.2	2.5	ug/kg	
107-06-2	1,2-Dichloroethane	ND	6.2	2.5	ug/kg	
78-87-5	1,2-Dichloropropane	ND	6.2	2.5	ug/kg	
142-28-9	1,3-Dichloropropane	ND	6.2	2.5	ug/kg	
594-20-7	2,2-Dichloropropane	ND	6.2	2.5	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB21FD-32,37		
Lab Sample ID:	F35686-26	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	76.9
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	6.2	2.5	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.2	3.7	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	6.2	2.5	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	6.2	2.5	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	31		ug/kg	
541-73-1	m-Dichlorobenzene	ND	6.2	2.5	ug/kg	
95-50-1	o-Dichlorobenzene	ND	6.2	2.5	ug/kg	
106-46-7	p-Dichlorobenzene	ND	6.2	2.5	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	6.2	2.5	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	6.2	2.5	ug/kg	
100-41-4	Ethylbenzene	ND	6.2	2.5	ug/kg	
97-63-2	Ethyl methacrylate	ND	31	6.2	ug/kg	
76-13-1	Freon 113	ND	6.2	2.5	ug/kg	
591-78-6	2-Hexanone	ND	31	12	ug/kg	
87-68-3	Hexachlorobutadiene	ND	6.2	2.5	ug/kg	
110-54-3	Hexane	ND	6.2	2.5	ug/kg	
98-82-8	Isopropylbenzene	ND	6.2	2.5	ug/kg	
99-87-6	p-Isopropyltoluene	ND	6.2	2.5	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	31	12	ug/kg	
126-98-7	Methacrylonitrile	ND	31	12	ug/kg	
74-83-9	Methyl bromide	ND	6.2	2.5	ug/kg	
74-87-3	Methyl chloride	ND	6.2	2.5	ug/kg	
74-88-4	Methyl iodide	ND	12	2.5	ug/kg	
80-62-6	Methyl methacrylate	ND	31	6.2	ug/kg	
74-95-3	Methylene bromide	ND	6.2	2.5	ug/kg	
75-09-2	Methylene chloride	ND	12	6.2	ug/kg	
78-93-3	Methyl ethyl ketone	ND	31	12	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	6.2	2.5	ug/kg	
91-20-3	Naphthalene	ND	6.2	2.5	ug/kg	
76-01-7	Pentachloroethane	ND	31	6.2	ug/kg	
107-12-0	Propionitrile	ND	62	12	ug/kg	
103-65-1	n-Propylbenzene	ND	6.2	2.5	ug/kg	
100-42-5	Styrene	ND	6.2	2.5	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	6.2	2.5	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	6.2	2.5	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6.2	2.5	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	6.2	2.5	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.2	2.5	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	6.2	2.5	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.2	2.5	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB21FD-32,37		
Lab Sample ID:	F35686-26	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	76.9
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	6.2	2.5	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	6.2	2.5	ug/kg	
127-18-4	Tetrachloroethylene	ND	6.2	2.5	ug/kg	
108-88-3	Toluene	ND	6.2	2.5	ug/kg	
79-01-6	Trichloroethylene	ND	6.2	2.5	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.2	2.5	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	31	12	ug/kg	
75-01-4	Vinyl chloride	ND	6.2	2.5	ug/kg	
108-05-4	Vinyl Acetate	ND	31	12	ug/kg	
	m,p-Xylene	ND	12	3.1	ug/kg	
95-47-6	o-Xylene	ND	6.2	2.5	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	91%		78-123%
2037-26-5	Toluene-D8	87%		71-137%
460-00-4	4-Bromofluorobenzene	86%		61-157%
17060-07-0	1,2-Dichloroethane-D4	83%		74-125%

(a) Sample was received in a bulk container and preserved within 48 hours of sampling.

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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB21FD-32,37		
Lab Sample ID:	F35686-26	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	76.9
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L028342.D	1	10/25/05	NJ	10/21/05	OP14774	SL1484
Run #2							

	Initial Weight	Final Volume
Run #1	30.5 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1100	430	ug/kg	
95-57-8	2-Chlorophenol	ND	210	43	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	210	43	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	210	43	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	210	43	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1100	430	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	430	85	ug/kg	
95-48-7	2-Methylphenol	ND	210	43	ug/kg	
	3&4-Methylphenol	ND	210	43	ug/kg	
88-75-5	2-Nitrophenol	ND	210	43	ug/kg	
100-02-7	4-Nitrophenol	ND	1100	430	ug/kg	
87-86-5	Pentachlorophenol	ND	1100	430	ug/kg	
108-95-2	Phenol	ND	210	43	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	210	43	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	210	43	ug/kg	
83-32-9	Acenaphthene	ND	210	43	ug/kg	
208-96-8	Acenaphthylene	ND	210	43	ug/kg	
120-12-7	Anthracene	ND	210	43	ug/kg	
92-87-5	Benzidine	ND	2100	1100	ug/kg	
56-55-3	Benzo(a)anthracene	ND	210	43	ug/kg	
50-32-8	Benzo(a)pyrene	ND	210	43	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	210	43	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	210	85	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	210	43	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	210	43	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	430	110	ug/kg	
100-51-6	Benzyl Alcohol	ND	210	43	ug/kg	
91-58-7	2-Chloronaphthalene	ND	210	43	ug/kg	
106-47-8	4-Chloroaniline	ND	430	170	ug/kg	
218-01-9	Chrysene	ND	210	43	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	210	43	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	210	85	ug/kg	

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Report of Analysis

Client Sample ID:	WPOL-SB21FD-32,37		
Lab Sample ID:	F35686-26	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	76.9
Project:	HOLMN		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	210	43	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	210	43	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	210	43	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	210	43	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	210	43	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	210	85	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	210	85	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	430	210	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	210	85	ug/kg	
132-64-9	Dibenzofuran	ND	210	43	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	430	110	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	430	210	ug/kg	
84-66-2	Diethyl phthalate	ND	430	110	ug/kg	
131-11-3	Dimethyl phthalate	ND	430	110	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	430	210	ug/kg	
206-44-0	Fluoranthene	ND	210	43	ug/kg	
86-73-7	Fluorene	ND	210	43	ug/kg	
118-74-1	Hexachlorobenzene	ND	210	43	ug/kg	
87-68-3	Hexachlorobutadiene	ND	210	85	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	210	85	ug/kg	
67-72-1	Hexachloroethane	ND	210	85	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	210	85	ug/kg	
78-59-1	Isophorone	ND	210	43	ug/kg	
91-57-6	2-Methylnaphthalene	ND	210	43	ug/kg	
88-74-4	2-Nitroaniline	ND	430	110	ug/kg	
99-09-2	3-Nitroaniline	ND	430	110	ug/kg	
100-01-6	4-Nitroaniline	ND	430	150	ug/kg	
91-20-3	Naphthalene	ND	210	43	ug/kg	
98-95-3	Nitrobenzene	ND	210	43	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	210	85	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	210	43	ug/kg	
85-01-8	Phenanthrene	ND	210	43	ug/kg	
129-00-0	Pyrene	ND	210	85	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	210	43	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	62%		45-114%
4165-62-2	Phenol-d5	63%		44-124%
118-79-6	2,4,6-Tribromophenol	72%		50-128%

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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB21FD-32,37		
Lab Sample ID:	F35686-26	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	76.9
Project:	HOLMN		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	63%		41-123%
321-60-8	2-Fluorobiphenyl	66%		46-122%
1718-51-0	Terphenyl-d14	75%		45-135%

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B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB21FD-32,37		
Lab Sample ID:	F35686-26	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8015	**Percent Solids:**	76.9
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	HH017271.D	1	10/22/05	AB	n/a	n/a	GHH790
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.09 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	7.9	3.9	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	89%		62-135%
98-08-8	aaa-Trifluorotoluene	94%		65-118%

(a) Sample was received in a bulk container and preserved within 48 hours of sampling.

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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB21FD-32,37		
Lab Sample ID:	F35686-26	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	76.9
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	IJ26517.D	1	10/28/05	SD	10/24/05	OP14784	GIJ1250
Run #2 [a]	IJ26591.D	1	11/01/05	SD	10/31/05	OP14860	GIJ1252

	Initial Weight	Final Volume
Run #1	30.3 g	1.0 ml
Run #2	30.4 g	1.0 ml

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	11	6.4	mg/kg	
	TPH (> C22-C36)	ND	11	6.4	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	53% [b]	49%	57-115%

(a) Sample re-extracted beyond hold time; reported results are considered minimum values. Higher values were reported.
(b) Confirmed ND by re-extraction and reanalysis beyond holdtime.

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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB21FD-62,69		
Lab Sample ID:	F35686-27	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	67.7
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0035376.D	1	10/25/05	JG	n/a	n/a	VG1361
Run #2							

	Initial Weight
Run #1	6.30 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	59	29	ug/kg	
75-05-8	Acetonitrile	ND	59	23	ug/kg	
107-02-8	Acrolein	ND	29	15	ug/kg	
107-13-1	Acrylonitrile	ND	29	15	ug/kg	
107-05-1	Allyl chloride	ND	29	5.9	ug/kg	
71-43-2	Benzene	ND	5.9	2.3	ug/kg	
100-44-7	Benzyl Chloride	ND	5.9	2.9	ug/kg	
108-86-1	Bromobenzene	ND	5.9	2.3	ug/kg	
74-97-5	Bromochloromethane	ND	5.9	2.3	ug/kg	
75-27-4	Bromodichloromethane	ND	5.9	2.3	ug/kg	
75-25-2	Bromoform	ND	5.9	2.3	ug/kg	
104-51-8	n-Butylbenzene	ND	5.9	2.3	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.9	2.3	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.9	2.3	ug/kg	
108-90-7	Chlorobenzene	ND	5.9	2.3	ug/kg	
75-00-3	Chloroethane	ND	5.9	2.3	ug/kg	
67-66-3	Chloroform	ND	5.9	2.3	ug/kg	
544-10-5	1-Chlorohexane	ND	5.9	2.3	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.9	2.3	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.9	2.3	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	29	12	ug/kg	
75-15-0	Carbon disulfide	ND	5.9	2.3	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.9	2.3	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.9	2.3	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	5.9	2.3	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.9	2.3	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.9	2.3	ug/kg	
106-93-4	1,2-Dibromoethane	ND	5.9	2.3	ug/kg	
107-06-2	1,2-Dichloroethane	ND	5.9	2.3	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.9	2.3	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.9	2.3	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.9	2.3	ug/kg	

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Report of Analysis

Client Sample ID:	WPOL-SB21FD-62,69		
Lab Sample ID:	F35686-27	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	67.7
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	5.9	2.3	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.9	3.5	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	5.9	2.3	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.9	2.3	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	29		ug/kg	
541-73-1	m-Dichlorobenzene	ND	5.9	2.3	ug/kg	
95-50-1	o-Dichlorobenzene	ND	5.9	2.3	ug/kg	
106-46-7	p-Dichlorobenzene	ND	5.9	2.3	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	5.9	2.3	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.9	2.3	ug/kg	
100-41-4	Ethylbenzene	ND	5.9	2.3	ug/kg	
97-63-2	Ethyl methacrylate	ND	29	5.9	ug/kg	
76-13-1	Freon 113	ND	5.9	2.3	ug/kg	
591-78-6	2-Hexanone	ND	29	12	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.9	2.3	ug/kg	
110-54-3	Hexane	ND	5.9	2.3	ug/kg	
98-82-8	Isopropylbenzene	ND	5.9	2.3	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.9	2.3	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	29	12	ug/kg	
126-98-7	Methacrylonitrile	ND	29	12	ug/kg	
74-83-9	Methyl bromide	ND	5.9	2.3	ug/kg	
74-87-3	Methyl chloride	ND	5.9	2.3	ug/kg	
74-88-4	Methyl iodide	ND	12	2.3	ug/kg	
80-62-6	Methyl methacrylate	ND	29	5.9	ug/kg	
74-95-3	Methylene bromide	ND	5.9	2.3	ug/kg	
75-09-2	Methylene chloride	ND	12	5.9	ug/kg	
78-93-3	Methyl ethyl ketone	ND	29	12	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.9	2.3	ug/kg	
91-20-3	Naphthalene	ND	5.9	2.3	ug/kg	
76-01-7	Pentachloroethane	ND	29	5.9	ug/kg	
107-12-0	Propionitrile	ND	59	12	ug/kg	
103-65-1	n-Propylbenzene	ND	5.9	2.3	ug/kg	
100-42-5	Styrene	ND	5.9	2.3	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.9	2.3	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.9	2.3	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.9	2.3	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.9	2.3	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.9	2.3	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.9	2.3	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.9	2.3	ug/kg	

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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB21FD-62,69		
Lab Sample ID:	F35686-27	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	67.7
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	5.9	2.3	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.9	2.3	ug/kg	
127-18-4	Tetrachloroethylene	ND	5.9	2.3	ug/kg	
108-88-3	Toluene	ND	5.9	2.3	ug/kg	
79-01-6	Trichloroethylene	ND	5.9	2.3	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.9	2.3	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	29	12	ug/kg	
75-01-4	Vinyl chloride	ND	5.9	2.3	ug/kg	
108-05-4	Vinyl Acetate	ND	29	12	ug/kg	
	m,p-Xylene	ND	12	2.9	ug/kg	
95-47-6	o-Xylene	ND	5.9	2.3	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		78-123%
2037-26-5	Toluene-D8	87%		71-137%
460-00-4	4-Bromofluorobenzene	82%		61-157%
17060-07-0	1,2-Dichloroethane-D4	86%		74-125%

(a) Sample was received in a bulk container and preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB21FD-62,69		
Lab Sample ID:	F35686-27	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	67.7
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L028343.D	1	10/25/05	NJ	10/21/05	OP14774	SL1484
Run #2							

	Initial Weight	Final Volume
Run #1	30.3 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1200	490	ug/kg	
95-57-8	2-Chlorophenol	ND	240	49	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	240	49	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	240	49	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	240	49	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1200	490	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	490	97	ug/kg	
95-48-7	2-Methylphenol	ND	240	49	ug/kg	
	3&4-Methylphenol	ND	240	49	ug/kg	
88-75-5	2-Nitrophenol	ND	240	49	ug/kg	
100-02-7	4-Nitrophenol	ND	1200	490	ug/kg	
87-86-5	Pentachlorophenol	ND	1200	490	ug/kg	
108-95-2	Phenol	ND	240	49	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	240	49	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	240	49	ug/kg	
83-32-9	Acenaphthene	ND	240	49	ug/kg	
208-96-8	Acenaphthylene	ND	240	49	ug/kg	
120-12-7	Anthracene	ND	240	49	ug/kg	
92-87-5	Benzidine	ND	2400	1200	ug/kg	
56-55-3	Benzo(a)anthracene	ND	240	49	ug/kg	
50-32-8	Benzo(a)pyrene	ND	240	49	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	240	49	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	240	97	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	240	49	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	240	49	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	490	120	ug/kg	
100-51-6	Benzyl Alcohol	ND	240	49	ug/kg	
91-58-7	2-Chloronaphthalene	ND	240	49	ug/kg	
106-47-8	4-Chloroaniline	ND	490	190	ug/kg	
218-01-9	Chrysene	ND	240	49	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	240	49	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	240	97	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB21FD-62,69		
Lab Sample ID:	F35686-27	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	67.7
Project:	HOLMN		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	240	49	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	240	49	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	240	49	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	240	49	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	240	49	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	240	97	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	240	97	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	490	240	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	240	97	ug/kg	
132-64-9	Dibenzofuran	ND	240	49	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	490	120	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	490	240	ug/kg	
84-66-2	Diethyl phthalate	ND	490	120	ug/kg	
131-11-3	Dimethyl phthalate	ND	490	120	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	490	240	ug/kg	
206-44-0	Fluoranthene	ND	240	49	ug/kg	
86-73-7	Fluorene	ND	240	49	ug/kg	
118-74-1	Hexachlorobenzene	ND	240	49	ug/kg	
87-68-3	Hexachlorobutadiene	ND	240	97	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	240	97	ug/kg	
67-72-1	Hexachloroethane	ND	240	97	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	240	97	ug/kg	
78-59-1	Isophorone	ND	240	49	ug/kg	
91-57-6	2-Methylnaphthalene	ND	240	49	ug/kg	
88-74-4	2-Nitroaniline	ND	490	120	ug/kg	
99-09-2	3-Nitroaniline	ND	490	120	ug/kg	
100-01-6	4-Nitroaniline	ND	490	170	ug/kg	
91-20-3	Naphthalene	ND	240	49	ug/kg	
98-95-3	Nitrobenzene	ND	240	49	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	240	97	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	240	49	ug/kg	
85-01-8	Phenanthrene	ND	240	49	ug/kg	
129-00-0	Pyrene	ND	240	97	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	240	49	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	65%		45-114%
4165-62-2	Phenol-d5	65%		44-124%
118-79-6	2,4,6-Tribromophenol	73%		50-128%

ND = Not detected MDL - Method Detection Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB21FD-62,69		
Lab Sample ID:	F35686-27	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	67.7
Project:	HOLMN		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	63%		41-123%
321-60-8	2-Fluorobiphenyl	67%		46-122%
1718-51-0	Terphenyl-d14	73%		45-135%

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E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB21FD-62,69		
Lab Sample ID:	F35686-27	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8015	**Percent Solids:**	67.7
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	HH017272.D	1	10/22/05	AB	n/a	n/a	GHH790
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.05 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	9.7	4.8	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	88%		62-135%
98-08-8	aaa-Trifluorotoluene	92%		65-118%

(a) Sample was received in a bulk container and preserved within 48 hours of sampling.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB21FD-62,69		
Lab Sample ID:	F35686-27	**Date Sampled:**	10/11/05
Matrix:	SO - Soil	**Date Received:**	10/13/05
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	67.7
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	IJ26518.D	1	10/28/05	SD	10/24/05	OP14784	GIJ1250
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	12	7.4	mg/kg	
	TPH (> C22-C36)	ND	12	7.4	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	60%		57-115%

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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	F35686-28	**Date Sampled:**	10/11/05
Matrix:	AQ - Trip Blank Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J018533.D	1	10/14/05	MM	n/a	n/a	VJ766
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	5.0	ug/l	
75-05-8	Acetonitrile	ND	20	10	ug/l	
107-02-8	Acrolein	ND	10	5.0	ug/l	
107-13-1	Acrylonitrile	ND	10	5.0	ug/l	
107-05-1	Allyl chloride	ND	10	5.0	ug/l	
71-43-2	Benzene	ND	1.0	0.50	ug/l	
100-44-7	Benzyl Chloride	ND	1.0	0.60	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.50	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.50	ug/l	
75-25-2	Bromoform	ND	1.0	0.50	ug/l	
104-51-8	n-Butylbenzene	ND	1.0	0.50	ug/l	
135-98-8	sec-Butylbenzene	ND	1.0	0.50	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
75-00-3	Chloroethane	ND	2.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
544-10-5	1-Chlorohexane	ND	2.0	1.0	ug/l	
95-49-8	o-Chlorotoluene	ND	1.0	0.50	ug/l	
106-43-4	p-Chlorotoluene	ND	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
75-15-0	Carbon disulfide	ND	2.0	1.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.50	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.50	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.50	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.50	ug/l	

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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	F35686-28	**Date Sampled:**	10/11/05
Matrix:	AQ - Trip Blank Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	10		ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
97-63-2	Ethyl methacrylate	ND	5.0	2.0	ug/l	
76-13-1	Freon 113	ND	1.0	0.60	ug/l	
591-78-6	2-Hexanone	ND	5.0	2.5	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.50	ug/l	
110-54-3	Hexane	ND	2.0	1.0	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.50	ug/l	
99-87-6	p-Isopropyltoluene	ND	1.0	0.50	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	5.0	2.5	ug/l	
126-98-7	Methacrylonitrile	ND	20	10	ug/l	
74-83-9	Methyl bromide	ND	2.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	2.0	1.0	ug/l	
74-88-4	Methyl iodide	ND	5.0	2.5	ug/l	
80-62-6	Methyl methacrylate	ND	5.0	2.5	ug/l	
74-95-3	Methylene bromide	ND	2.0	0.50	ug/l	
75-09-2	Methylene chloride	ND	5.0	1.0	ug/l	
78-93-3	Methyl ethyl ketone	ND	5.0	2.5	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
91-20-3	Naphthalene	ND	2.0	1.0	ug/l	
76-01-7	Pentachloroethane	ND	10	5.0	ug/l	
107-12-0	Propionitrile	ND	20	10	ug/l	
103-65-1	n-Propylbenzene	ND	1.0	0.50	ug/l	
100-42-5	Styrene	ND	1.0	0.50	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.40	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.50	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	F35686-28	**Date Sampled:**	10/11/05
Matrix:	AQ - Trip Blank Soil	**Date Received:**	10/13/05
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.50	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.50	ug/l	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	10	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.50	ug/l	
108-05-4	Vinyl Acetate	ND	10	5.0	ug/l	
	m,p-Xylene	ND	2.0	0.50	ug/l	
95-47-6	o-Xylene	ND	1.0	0.50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		86-115%
17060-07-0	1,2-Dichloroethane-D4	121%		73-126%
2037-26-5	Toluene-D8	98%		86-112%
460-00-4	4-Bromofluorobenzene	117%		83-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

F35686

BHATE

Environmental Engineers and Scientists

Chain of Custody and Analytical Request

Page 1 of 3

Project Number: 9040238.11

P.O. NA

Chain of Custody Number [1]: 101220051

LIMS Number: NA

Facility/Base I.D.: HOLMN

Project Name / Site Name: West POL

Client Name: USACE

Collected by: K. Gernaann

	Field Sample ID (30 Characters Max)	BRPIMS LOCID (15 Characters Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)		SA Code [6]	Sample Number [5]	Sample Matrix [4]	Number of containers	VOCs 8260B+Hexane	SVOCs 8270	8015B Carbon Chain						MATRIX DESCRIPTION	Cooler ID
1	WPOL-SB16-4,9	WPOL	11-Oct-05	8:00	4"	9"	N	1	SO	2	X	X	X						Investigative Soil Boring	1
2	WPOL-SB16-32,37	WPOL	11-Oct-05	8:00	32"	37"	N	1	SO	2	X	X	X						Investigative Soil Boring	1
3	WPOL-SB16-58-67	WPOL	11-Oct-05	8:00	58"	67"	N	1	SO	2	X	X	X						Investigative Soil Boring	1
4	WPOL-SB17-4,11	WPOL	11-Oct-05	9:00	4"	11"	N	1	SO	2	X	X	X						Investigative Soil Boring	1
5	WPOL-SB17-31,38	WPOL	11-Oct-05	9:00	31"	38"	N	1	SO	2	X	X	X						Investigative Soil Boring	1
6	WPOL-SB17-60,67	WPOL	11-Oct-05	9:00	60"	67"	N	1	SO	2	X	X	X						Investigative Soil Boring	1
7	WPOL-SB17FD-4,11	WPOL	11-Oct-05	9:00	4"	11"	FD	1	SO	2	X	X	X						Investigative Soil Boring	1
8	WPOL-SB17FD-31,38	WPOL	11-Oct-05	9:00	31"	38"	FD	1	SO	2	X	X	X						Investigative Soil Boring	1
9	WPOL-SB17FD-60,67	WPOL	11-Oct-05	9:00	60"	67"	FD	1	SO	2	X	X	X						Investigative Soil Boring	1
10	WPOL-SD18-4,10	WPOL	11-Oct-05	10:00	4"	10"	N	1	SO	2	X	X	X						Investigative Soil Boring	1

Sample Analysis Requested [3]

Quality Assurance Samples [6]

Accutest Laboratories
4405 Vineland Road suite C-15
Orlando, FL 32811
Fax analytical results to: 505-679-2148

Email results to: rrenvironmental@zianet.com, dmeder@bhate.com, mdauben@bhate.com, keving@zianet.com

Custody Transfers Prior to Receipt by Laboratory

	Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1.	[signature]	10/12/2005	@ 1600	1. FX		
2.	FX			2. [signature] Brown	10-13-05	9:00
3.				3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab:		Shipped No.:	
Method of Shipment:	Fed Ex	Airbill Number:	853076390706
Analytical Lab:	Accutest	Delivery Location:	Orlando, FL
Lab Recipient:		Delivery Date/Time:	

3.0

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 (-t) 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

4.1

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BHATE

Environmental Engineers and Scientists

Chain of Custody and Analytical Request

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Project Number: 9040238.11

P.0. NA

Chain of Custody Number [1]:101220051

LIMS Number: NA

Facility/Base I.D.: HOLMN

Project Name / Site Name: West POL

Client Name: USACE

Collected by: K. Germann

	Field Sample ID (30 Character Max)	BRFIMS LOCID (15 Character Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)		SA Code [2]	Sample Number [5]	Sample Matrix [4]	Number of containers	VOCs 8260B+Hexane	SVOCs 8270	8015B Carbon Chain						MATRIX DESCRIPTION	Cooler ID
										Sample Analysis Requested [5]									Quality Assurance Samples [6]	
11	WPOL-SB18-31,38	WPOL	11-Oct-05	10:00	31"	38"	N	1	SO	2	12	12	12						Investigative Soil Boring	1
12	WPOL-SB18-61,68	WPOL	11-Oct-05	10:00	61"	68"	N	1	SO	2	12	12	12						Investigative Soil Boring	1
13	WPOL-SB19-4,12	WPOL	11-Oct-05	11:00	4"	12"	N	1	SO	2	12	12	12						Investigative Soil Boring	1
14	WPOL-SB19-29,41	WPOL	11-Oct-05	11:00	29"	41"	N	1	SO	2	12	12	12						Investigative Soil Boring	1
15	WPOL-SB19-56,72	WPOL	11-Oct-05	11:00	56"	72"	N	1	SO	2	12	12	12						Investigative Soil Boring	1
16	WPOL-SB19FD-4,12	WPOL	11-Oct-05	11:00	4"	12"	FD	1	SO	2	12	12	12						Investigative Soil Boring	1
17	WPOL-SB19FD-29,41	WPOL	11-Oct-05	11:00	29"	41"	FD	1	SO	2	12	12	12						Investigative Soil Boring	1
18	WPOL-SB19FD-56,72	WPOL	11-Oct-05	11:00	56"	72"	FD	1	SO	2	12	12	12						Investigative Soil Boring	1
19	WPOL-SB20-4,9	WPOL	11-Oct-05	12:00	4"	9"	N	1	SO	2	12	12	12						Investigative Soil Boring	1
20	WPOL-SB20-30,39	WPOL	11-Oct-05	12:00	30"	39"	N	1	SO	2	12	12	12						Investigative Soil Boring	1

Accutest Laboratories
4405 Vineland Road suite C-15
Orlando, FL 32811
Fax analytical results to: 505-679-2148 **Email results to: rrenvironmental@zianet.com, dmeder@bhate.com, mdauben@bhate.com, kevlng@zianet.com**

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received by (Signed)	Date	Time
1. [signature]	10/12/2005 @ 1600		1. FX		
2. FX			2. [signature]	10-13-05	1400
3.			3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab.		Shipped No..	
Method of Shipment:	Fed Ex	Airbill Number:	883076390706
Analytical Lab:	Accutest	Delivery Location:	Orlando, FL
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, ER = 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, WQ = Groundwater, WS = Surface Water, SO = Soil, SB = 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 Loc Control

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Environmental Engineers and Scientists

Chain of Custody and Analytical Request

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Project Number: 9040238.11

P.O. NA

Chain of Custody Number [1]: 101220051

LIMS Number: NA

Facility/Base I.D.: HOLMN

Project Name / Site Name: West POL

Client Name: USACE

Collected by: K. Germann

	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 [5]	Sample Number [3]	Sample Matrix [4]	Number of containers	VOCs 8260B+Hexane	SVOCs 8270	8015B Carbon Chain						MATRIX DESCRIPTION	Cooler ID
											Sample Analysis Requested [5]								Quality Assurance Samples [6]	
21	WPOL-SB20-62,70	WPOL	11-Oct-05	12:00	62"	70"	N	1	SO	2	[1]	[1]	[1]						Investigative Soil Boring	1
22	WPOL-SB21-7,12	WPOL	11-Oct-05	14:00	7"	12"	N	1	SO	2	[1]	[1]	[1]						Investigative Soil Boring	1
23	WPOL-SB21-32,37	WPOL	11-Oct-05	14:00	32"	37"	N	1	SO	2	[1]	[1]	[1]						Investigative Soil Boring	1
24	WPOL-SB21-62,69	WPOL	11-Oct-05	14:00	62"	69"	N	1	SO	2	[1]	[1]	[1]						Investigative Soil Boring	1
25	WPOL-SB21FD-7,12	WPOL	11-Oct-05	14:00	7"	12"	N	1	SO	2	[1]	[1]	[1]						Investigative Soil Boring	1
26	WPOL-SB21FD-32,37	WPOL	11-Oct-05	14:00	32"	37"	N	1	SO	2	[1]	[1]	[1]						Investigative Soil Boring	1
27	WPOL-SB21FD-62,69	WPOL	11-Oct-05	14:00	62"	69"	N	1	SO	2	[1]	[1]	[1]						Investigative Soil Boring	1
28	Trip Blank						TB			2	[1]								Trip Blank	1

Accutest Laboratories
4405 Vineland Road suite C-15
Orlando, Fl, 32811
Fax analytical results to: 505-679-2148 **Email results to: rrenvironmental@zianet.com, dmeder@bhate.com, mdauben@bhate.com, keving@zianet.com**

Custody Transfers Prior to Receipt by Laboratory

	Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1.	[signature]	10/12/2005 @ 1600		[signature]		
2.	Fx			[signature]	10-13-05	9:00
3.						

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab: Shipped No.:

Method of Shipment: Fed Ex Airbill Number: 853076390706

Analytical Lab: Accutest Delivery Location: Orlando, FL

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, TR = Trip Blank (-4) Sample, FD = Field Duplicate (-b) 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, SS = Sediment, SL = Sludge, BS = 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 1 of Control

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F35686: Chain of Custody
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ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: F35686 CLIENT: BHate PROJECT: West Pol

DATE/TIME RECEIVED: 10-13-05/ 7:00 # OF COOLERS RECEIVED: 1 COOLER TEMPS: 3.0

METHOD OF DELIVERY: (FEDEX) UPS ACCUTEST COURIER GREYHOUND DELIVERY OTHER

AIRBILL NUMBERS: 8530-7639-0706

COOLER INFORMATION

- [ ] CUSTODY SEAL NOT PRESENT OR NOT INTACT
- [ ] NO COC RECEIVED
- [ ] ANALYSIS REQUESTED IS UNCLEAR OR MISSING
- [ ] SAMPLE DATES OR TIMES UNCLEAR OR MISSING
- [ ] TEMPERATURE CRITERIA NOT MET

TRIP BLANK INFORMATION

- [ ] TRIP BLANK NOT PROVIDED
- [ ] TRIP BLANK NOT ON COC
- [x] TRIP BLANK INTACT
- [ ] TRIP BLANK NOT INTACT
- [x] RECEIVED WATER TRIP BLANK
- [ ] RECEIVED SOIL TRIP BLANK

SAMPLE INFORMATION

- [ ] SAMPLE LABELS PRESENT ON ALL BOTTLES
- [ ] CORRECT NUMBER OF CONTAINERS USED
- [ ] SAMPLE RECEIVED IMPROPERLY PRESERVED
- [ ] INSUFFICIENT VOLUME FOR ANALYSIS
- [ ] TIMES ON COC DON'T MATCH LABEL
- [ ] ID'S ON COC DON'T MATCH LABEL
- [ ] 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(S) RECEIVED BROKEN
- [ ] % SOLIDS JAR NOT RECEIVED

SOIL INFORMATION

NUMBER OF ENCORES ? Ø

NUMBER OF 5035 FIELD KITS ? Ø

SUMMARY OF COMMENTS: Recieved water t.B. with soils.

TECHNICIAN SIGNATURE/DATE _____ TECHNICIAN SIGNATURE/DATE _____

ASBD06/22/05

4.1

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F35686: Chain of Custody
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APPENDIX B

SOIL BORING LOGS AND MONITORING WELL CONSTRUCTION DIAGRAMS

Appendix B-1

2007 ACM Soil Boring Logs and Monitoring Well Construction Diagrams

HTW DRILLING LOG

HOLE NO. WPOL-MW Ø1

1. COMPANY NAME: Bhate Environmental Associates, Inc.	2. DRILLING CONTRACTOR: ESN
SHEET 1 OF SHEETS	
3. PROJECT: Holloman Air Force Base - West POL Yard	4. LOCATION: Holloman Air Force Base, New Mexico
5. NAME OF DRILLER: Chad Grubbs	6. MANUFACTURER'S DESIGNATION OF DRILL: Power Probe 9600 Pro
7. SIZES & TYPES OF DRILLING & SAMPLING EQUIPMENT: 3.25" OD Rods-5' / 2.5" OD Teflon Liners -5'	8. HOLE LOCATION: North East TBD
	9. SURFACE ELEVATION (ft. NGVD): TBD
	10. DATE STARTED: 16-APR-2007 / 11. DATE COMPLETED: 16-APR-2007 | 17-APR-2007 for well completion tops
12. OVERBURDEN THICKNESS: NA	15. DEPTH GROUNDWATER ENCOUNTERED: 1' BGS
13. DEPTH DRILLED INTO ROCK: NA	16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED: TBD when sample
14. TOTAL DEPTH OF HOLE: 12.5	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY):

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
WPOL-DPØ1-5		X	3 (W) 4

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE REC %
NA	NA	NA	NA	NA		100

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
WPOL-MWØ1		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	Sent sample for Geotech		(1) WPOL-DPØ1-5 (1515)			
	1						
	2						
	3						
	4						
	5						

HTW DRILLING LOG

HOLE NO. WPOL-MW Ø1

PROJECT: Holloman Air Force Base - West POL Yard

INSPECTOR: Katherine Thompson

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
	6 7 8 9	SILTY SAND, VERY PALE BROWN (10YR 7/3), WET TO SATURATED, Subrounded sands, very fine-grained, Soft, ~~MASSIVE~~ (R) Weak, massive, NOT MEASURED, MODERATE REACTION, loose, non-plastic to slightly plastic SM	NA Wet Sample	2	NA	NA	
	10			new box			
	11	SAME AS ABOVE	NA wet sample	3	NA	NA	
	(R) 12	SILT (W/ MICA, CLAY, ~~CALCIUM CARBONATES~~), YELLOWISH		W/some sands -very fine-grained			
	13	RED (5YR 4/6), DRY, very fine grained sands subangular, medium stiff to stiff, weak cementation, massive, medium dense to dense, non-plastic to slightly plastic ML (NOT MEASURED = Dry Strength)	END OF BOREHOLE				NOTE: DILATANCY: MODERATE TO NO REACTION

HTW DRILLING LOG

HOLE NO. WPOL-MW Ø2

1. COMPANY NAME: Bhate Environmental Associates, Inc.	2. DRILLING CONTRACTOR: ESN
SHEET 1 OF SHEETS	
3. PROJECT: Holloman Air Force Base - West POL Yard	4. LOCATION: Holloman Air Force Base, New Mexico
5. NAME OF DRILLER: Chad Grubbs	6. MANUFACTURER'S DESIGNATION OF DRILL: POWER PROBE 96ØØ PRO
7. SIZES & TYPES OF DRILLING & SAMPLING EQUIPMENT: 3.25" OD RODS - 5'; 2.5" OD TEFLON LINERS - 5'	8. HOLE LOCATION: North East TBD
	9. SURFACE ELEVATION (ft. NGVD): TBD
	10. DATE STARTED: 16-APR-2007
	11. DATE COMPLETED: 16-APR-2007 / TOP COMPLETE 17-APR-2007
12. OVERBURDEN THICKNESS: ~~NA~~ 19" FILL MATERIAL	15. DEPTH GROUNDWATER ENCOUNTERED: (PA) ~~Ø.5'~~ BGS 5' BGS
13. DEPTH DRILLED INTO ROCK: NA	16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED: TBD when sample
14. TOTAL DEPTH OF HOLE: 12.5' BGS	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY):

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
NA			3

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE REC %
NA	NA	NA	NA	NA		

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
WPOL-MWØ2		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	FILL MATERIAL 19"	NA	1	NA	NA	
	1						
	2	SILTY SAND (w/clay), Brown (7.5YR 5/3), Dry, SOFT, subangular fine grained sands, Weak, massive, dry strength not measured, moderate, reaction to no reaction, loose, non-plastic [SM]	P. 2.6 F. 1.3	1	NA	NA	
	3						
	4						
	5						

PROJECT: Holloman Air Force Base - West POL Yard

HOLE NO. WPOL-MW

HTW DRILLING LOG

HOLE NO. WPOL-MW Ø2

PROJECT: Holloman Air Force Base - West POL Yard

INSPECTOR: Katherine Thompson

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
	6 7	Sandy Silt, Very Pale brown (10YR 7/3), MOIST, subangular sands- very fine grained. nearly 50%, very soft to soft, weak, massive, dry strength not measured, moderate reaction, loose, non-plastic, [ML] nearly SM	NA wet Sample	2	NA	NA	
	8 9	Silty Sand (w/clay), Light GRAY (2.5YR 7/2), SATURATED, subangular sands-very fine grained, medium stiff, weak, massive, dry strength NM, moderate reaction, medium dense to loose, slightly plastic, nodules of oxidation, [SM]	NA wet	3			
	10	Same as above	NA wet	4	NA	NA	
	11 12	SILT (w/mica, calcium carbonates, clay), Yellowish Red (5YR 4/6) DRY, very fine grained sands- <10%, medium stiff to stiff, weak, massive, medium dense, nonplastic to slightly plastic, [ML]		4			
		END OF BORE HOLE					
	13						

HTW DRILLING LOG

HOLE NO. WPOL-MW Ø3

1. COMPANY NAME: Bhate Environmental Associates, Inc.	2. DRILLING CONTRACTOR: ESN
SHEET 1 OF 2 SHEETS	
3. PROJECT: Holloman Air Force Base - West POL Yard	4. LOCATION: Holloman Air Force Base, New Mexico
5. NAME OF DRILLER: Chad Grubbs	6. MANUFACTURER'S DESIGNATION OF DRILL: POWER PROBE 9600 PRO
7. SIZES & TYPES OF DRILLING & SAMPLING EQUIPMENT: 3.25" OD Rods 5' 2.5" OD TEFLON LINERS 5'	8. HOLE LOCATION: North East TBD
	9. SURFACE ELEVATION (ft. NGVD): TBD
	10. DATE STARTED: 16-APR-2007 / 11. DATE COMPLETED: 16-APR-2007 / 17-APR-2007
12. OVERBURDEN THICKNESS: 5' - FILL	15. DEPTH GROUNDWATER ENCOUNTERED: ~~TBD when sample~~ KH 5'
13. DEPTH DRILLED INTO ROCK: NA	16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED: TBD when sample
14. TOTAL DEPTH OF HOLE: 12'	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY):

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
			3

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE REC %
NA	NA	NA	NA	NA		

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
WPOL-MWØ3		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	ALL FILL MATERIAL	NA	1	NA	NA	
	1	~ 3' RECOVERY					
	2						
	3						
	4						
	5						

PROJECT: Holloman Air Force Base - West POL Yard

HOLE NO. WPOL-MW Ø3

HTW DRILLING LOG

HOLE NO. WPOL-MW 03

PROJECT: Holloman Air Force Base - West POL Yard

INSPECTOR:

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
		2.5' Recovery Only P:710,000 SILTY SAND, GRAY (10YR F5.4 6/1) SATURATED, SUBROUNDED		2	NA	NA	
	6	sands, very fine-grained sands, soft to medium stiff,					
	7	weak, massive, dry strength not measured, moderate reaction, loose, non-plastic, SM					
	8	Strong petroleum odor!					
	9						
	10	SILT, to (10) light brownish gray (10YR 6/2), MOIST, NA, medium stiff, weak,					
	11	massive, dry strength NM, no reaction, loose, non-plastic to slightly plastic, ML					
	12	Stiff bottom prob hit caliche.	End of Borehole				
	13						

HTW DRILLING LOG

HOLE NO. WPOL-MWØ4

1. COMPANY NAME: Bhate Environmental Associates, Inc.	2. DRILLING CONTRACTOR: ESN
SHEET 1 OF SHEETS	
3. PROJECT: Holloman Air Force Base - West POL Yard	4. LOCATION: Holloman Air Force Base, New Mexico
5. NAME OF DRILLER: Chad Grubbs	6. MANUFACTURER'S DESIGNATION OF DRILL: POWER PROBE 9600 PRO
7. SIZES & TYPES OF DRILLING & SAMPLING EQUIPMENT: 3.25" OD Rods 5' 2.5" OD TEFLON LINERS - 5'	8. HOLE LOCATION: North East TBD
	9. SURFACE ELEVATION (ft. NGVD): TBD
	10. DATE STARTED: 16-APR-2007 / 11. DATE COMPLETED: 16-APR-2007 / 17APR2007 well comp
12. OVERBURDEN THICKNESS: NA	15. DEPTH GROUNDWATER ENCOUNTERED: 5'
13. DEPTH DRILLED INTO ROCK: NA	16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED: TBD when sample
14. TOTAL DEPTH OF HOLE: ~~10.5~~ 11 ft BGS	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)

18. GEOTECHNICAL SAMPLES	DISTURBED	UNDISTURBED	19. TOTAL NUMBER OF CORE BOXES
WPOL-DPØ4-5		X	3

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE REC %
NA	NA	NA	NA	NA		

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
WPOL-MWØ4		X		

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	Sent sample for geotech.	W	(1) WPOL-DPØ4-5 1425			
	1						
	2						
	3						
	4						
	5						

PROJECT: Holloman Air Force Base - West POL Yard

HOLE NO. WPOL-MW

HTW DRILLING LOG

HOLE NO. WPOL-MW

PROJECT: Holloman Air Force Base - West POL Yard

INSPECTOR:

SHEET OF SHEETS

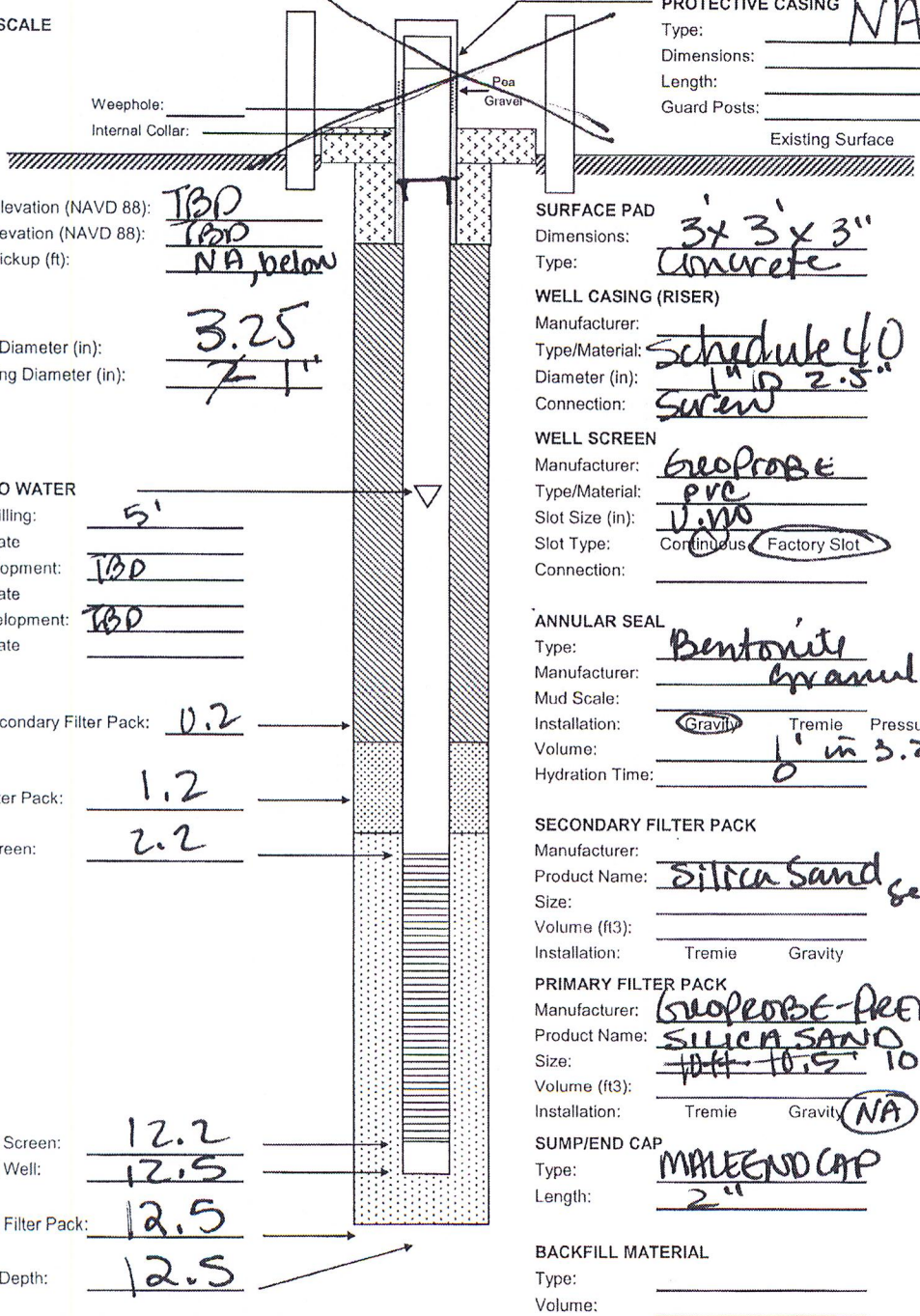
ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	Field Screening Results d	Geotech Sample or Core Box No. e	Analytical Sample No. f	Blow Counts g	REMARKS h
	6 7	SILT, light yellowish brown (10YR 6/4), saturated, soft, weak, massive, dry strength not measured, moderate to no reaction, loose, non-plastic [ML]	NA wet	2	NA	NA	
	8 9 10 11	Same as above w/ increased sand content ~ 40%, [ML/SM] SILT (w/mica, clay, calcium carbonates), yellowish red (5YR 4/6), DRY, medium stiff to stiff, weak, massive, dense to medium dense, non plastic END OF BORE HOLE					
	12						

BHATE
Environmental Engineers and Scientists

WELL CONSTRUCTION DIAGRAM (Abovegrade)

SITE:	West POL Yard	WELL/BORING ID:	WPOL-MW01
PROJECT NAME:	HAFB-Groundwater Monitoring	DRILLING METHOD:	Direct Push Technology
PROJECT NO./PHASE:	9040238 11.01	DATE(S):	16 APR-2007
DRILLING CONTRACTOR:	ESN	SURVEYOR:	TBD
DRILLER:	Chad Grubbs	NORTHING (NAD 83):	TBD
GEOLOGIST:	Katherine Thompson	EASTING (NAD 83):	TBD

NOT TO SCALE



Weephole:
Internal Collar:

PROTECTIVE CASING
Type: NA - below grade
Dimensions:
Length:
Guard Posts:

Surface Elevation (NAVD 88): TBD
Casing Elevation (NAVD 88): TBD
Casing Stickup (ft): NA, below

Borehole Diameter (in): 3.25
Well Casing Diameter (in): ~~2~~ 1"

DEPTH TO WATER
During Drilling: 5'
Date
Pre Development: TBD
Date
Post Development: TBD
Date

Top of Secondary Filter Pack: 0.2
Top of Filter Pack: 1.2
Top of Screen: 2.2
Bottom of Screen: 12.2
Bottom of Well: 12.5
Bottom of Filter Pack: 12.5
Borehole Depth: 12.5

SURFACE PAD
Dimensions: 3' x 3' x 3"
Type: Concrete

WELL CASING (RISER)
Manufacturer:
Type/Material: Schedule 40
Diameter (in): 1" ID 2.5"
Connection: Screw

WELL SCREEN
Manufacturer: GeoProbe
Type/Material: PVC
Slot Size (in): 0.010
Slot Type: Continuous (Factory Slot)
Connection:

ANNULAR SEAL
Type: Bentonite
Manufacturer: Granular
Mud Scale:
Installation: (Gravity) Tremie Pressure
Volume: 1' in 3.25" hole
Hydration Time: 0

SECONDARY FILTER PACK
Manufacturer:
Product Name: Silica Sand see below
Size:
Volume (ft3):
Installation: Tremie Gravity

PRIMARY FILTER PACK
Manufacturer: GeoProbe-PREPACK
Product Name: SILICA SAND
Size: ~~10 ft~~ 10.5' 10' along screen
Volume (ft3):
Installation: Tremie Gravity (NA)

SUMP/END CAP
Type: MALE END CAP
Length: 2"

BACKFILL MATERIAL
Type:
Volume:

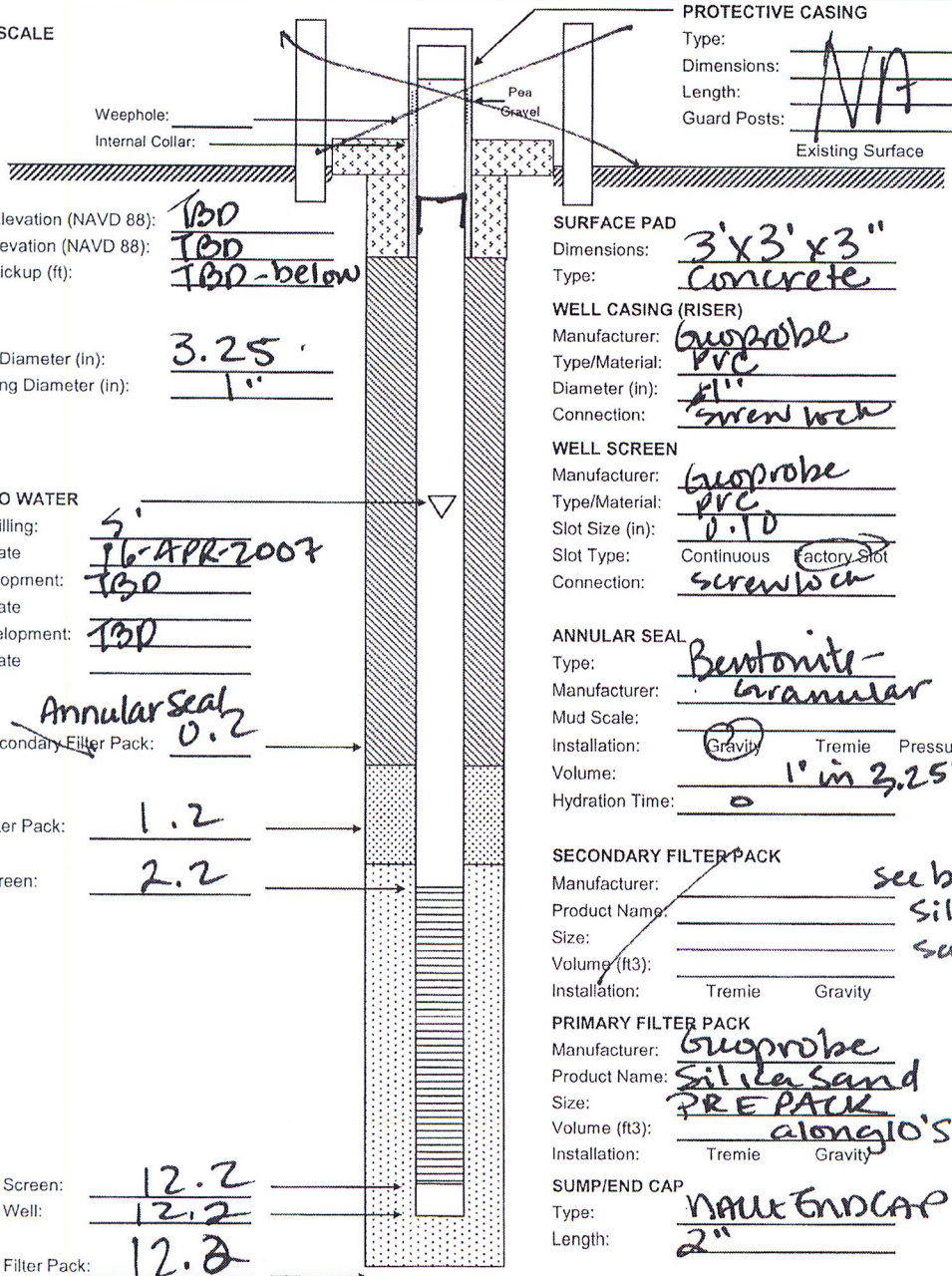
Comments:

BHATE
Environmental Engineers and Scientists

WELL CONSTRUCTION DIAGRAM (Abovegrade)

SITE:	West POL Yard	WELL/BORING ID:	WPOL-MW02
PROJECT NAME:	HAFB-Groundwater Monitoring	DRILLING METHOD:	Direct Push Technology
PROJECT NO./PHASE:	9040238 11.01	DATE(S):	16-APR-2007
DRILLING CONTRACTOR:	ESN	SURVEYOR:	TBD
DRILLER:	Chad Grubbs	NORTHING (NAD 83):	TBD
GEOLOGIST:	Katherine Thompson	EASTING (NAD 83):	TBD

NOT TO SCALE



PROTECTIVE CASING
Type:
Dimensions:
Length:
Guard Posts: NA

Surface Elevation (NAVD 88): TBD
Casing Elevation (NAVD 88): TBD
Casing Stickup (ft): TBD - below

Borehole Diameter (in): 3.25
Well Casing Diameter (in): 1"

DEPTH TO WATER
During Drilling: 5'
Date 16-APR-2007
Pre Development: TBD
Date
Post Development: TBD
Date

Top of ~~Secondary Filter Pack~~ Annular Seal: 0.2
Top of Filter Pack: 1.2
Top of Screen: 2.2

Bottom of Screen: 12.2
Bottom of Well: 12.2
Bottom of Filter Pack: 12.2
Borehole Depth: 12.5

SURFACE PAD
Dimensions: 3'x3'x3"
Type: Concrete

WELL CASING (RISER)
Manufacturer: Geoprobe
Type/Material: PVC
Diameter (in): 1"
Connection: screw lock

WELL SCREEN
Manufacturer: Geoprobe
Type/Material: PVC
Slot Size (in): 0.10
Slot Type: Continuous (Factory Slot)
Connection: screw lock

ANNULAR SEAL
Type: Bentonite - Granular
Manufacturer:
Mud Scale:
Installation: (Gravity) Tremie Pressure
Volume: 1' in 3.25" hole
Hydration Time: 0

SECONDARY FILTER PACK
Manufacturer: see below
Product Name: Silica
Size: sand
Volume (ft3):
Installation: Tremie Gravity

PRIMARY FILTER PACK
Manufacturer: Geoprobe
Product Name: Silica Sand
Size: PREPACK
Volume (ft3): along 10' Screen
Installation: Tremie Gravity

SUMP/END CAP
Type: NAUT ENDCAP
Length: 2"

BACKFILL MATERIAL
Type: NA
Volume:

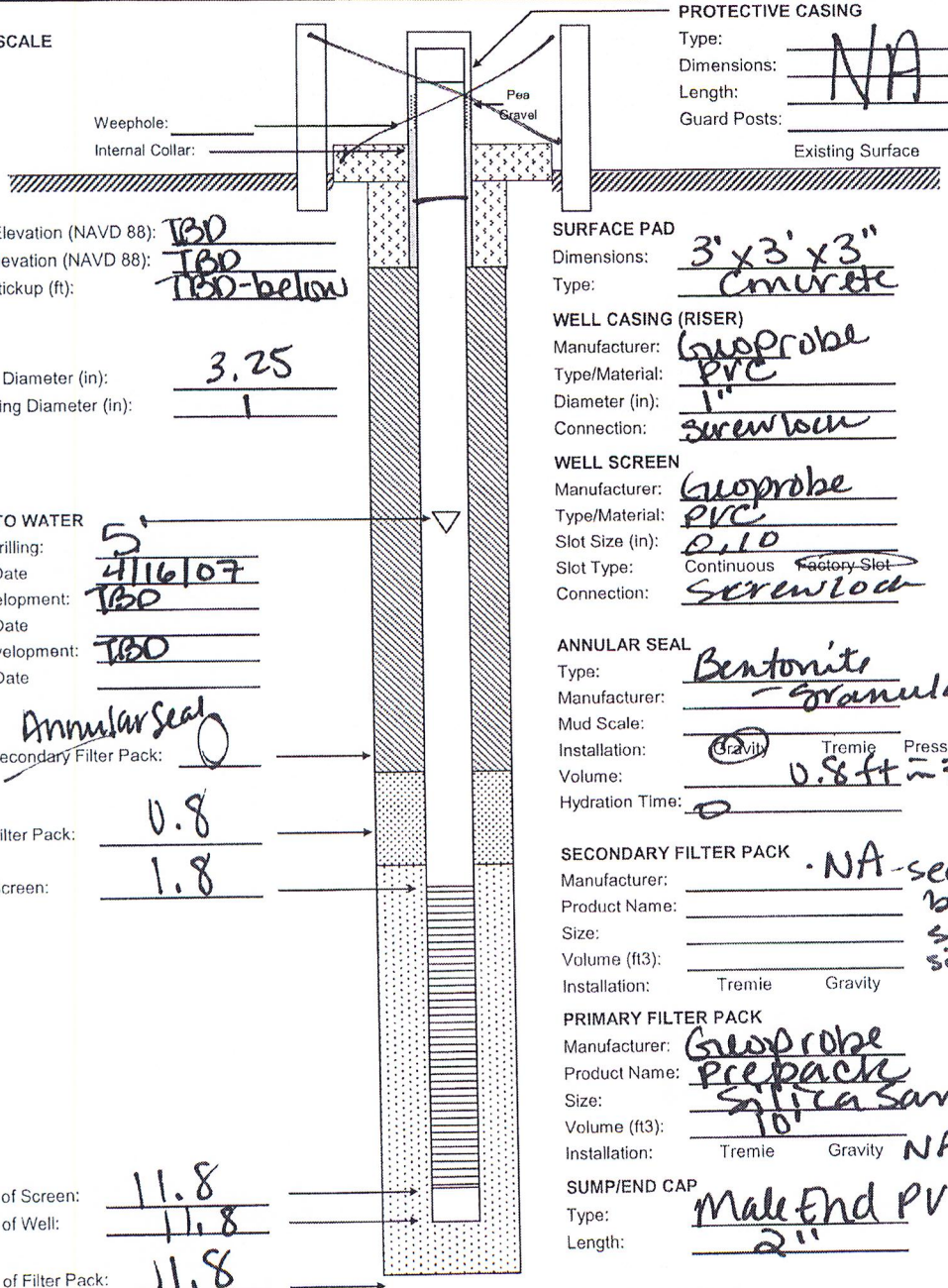
Comments:

BHATE
Environmental Engineers and Scientists

WELL CONSTRUCTION DIAGRAM (Abovegrade)

SITE:	West POL Yard	WELL/BORING ID:	WPOL-MW03
PROJECT NAME:	HAFB-Groundwater Monitoring	DRILLING METHOD:	Direct Push Technology
PROJECT NO./PHASE:	9040238 11.01	DATE(S):	16-APR-2007
DRILLING CONTRACTOR:	ESN	SURVEYOR:	TBD
DRILLER:	Chad Grubbs	NORTHING (NAD 83):	TBD
GEOLOGIST:	Katherine Thompson	EASTING (NAD 83):	TBD

NOT TO SCALE



PROTECTIVE CASING
Type:
Dimensions: NA below
Length:
Guard Posts:

Surface Elevation (NAVD 88): TBD
Casing Elevation (NAVD 88): TBD
Casing Stickup (ft): TBD-below

Borehole Diameter (in): 3.25
Well Casing Diameter (in): 1

DEPTH TO WATER
During Drilling: 5'
Date 4/16/07
Pre Development: TBD
Date
Post Development: TBD
Date

Top of Secondary Filter Pack: Annular Seal 0

Top of Filter Pack: 0.8

Top of Screen: 1.8

Bottom of Screen: 11.8
Bottom of Well: 11.8

Bottom of Filter Pack: 11.8

Borehole Depth: 12

SURFACE PAD
Dimensions: 3'x3'x3"
Type: Concrete

WELL CASING (RISER)
Manufacturer: Geoprobe
Type/Material: PVC
Diameter (in): 1"
Connection: screwlock

WELL SCREEN
Manufacturer: Geoprobe
Type/Material: PVC
Slot Size (in): 0.10
Slot Type: Continuous ~~Factory Slot~~
Connection: screwlock

ANNULAR SEAL
Type: Bentonite
Manufacturer: - granular
Mud Scale:
Installation: (Gravity) Tremie Pressure
Volume: 0.8 ft ~ 3.25" hole
Hydration Time: 0

SECONDARY FILTER PACK
Manufacturer: NA - see below
Product Name:
Size: sand
Volume (ft3): silica
Installation: Tremie Gravity

PRIMARY FILTER PACK
Manufacturer: Geoprobe
Product Name: Prepack
Size: Silica Sand
Volume (ft3): 10'
Installation: Tremie Gravity NA

SUMP/END CAP
Type: Male End PVC
Length: 2"

BACKFILL MATERIAL
Type:
Volume:

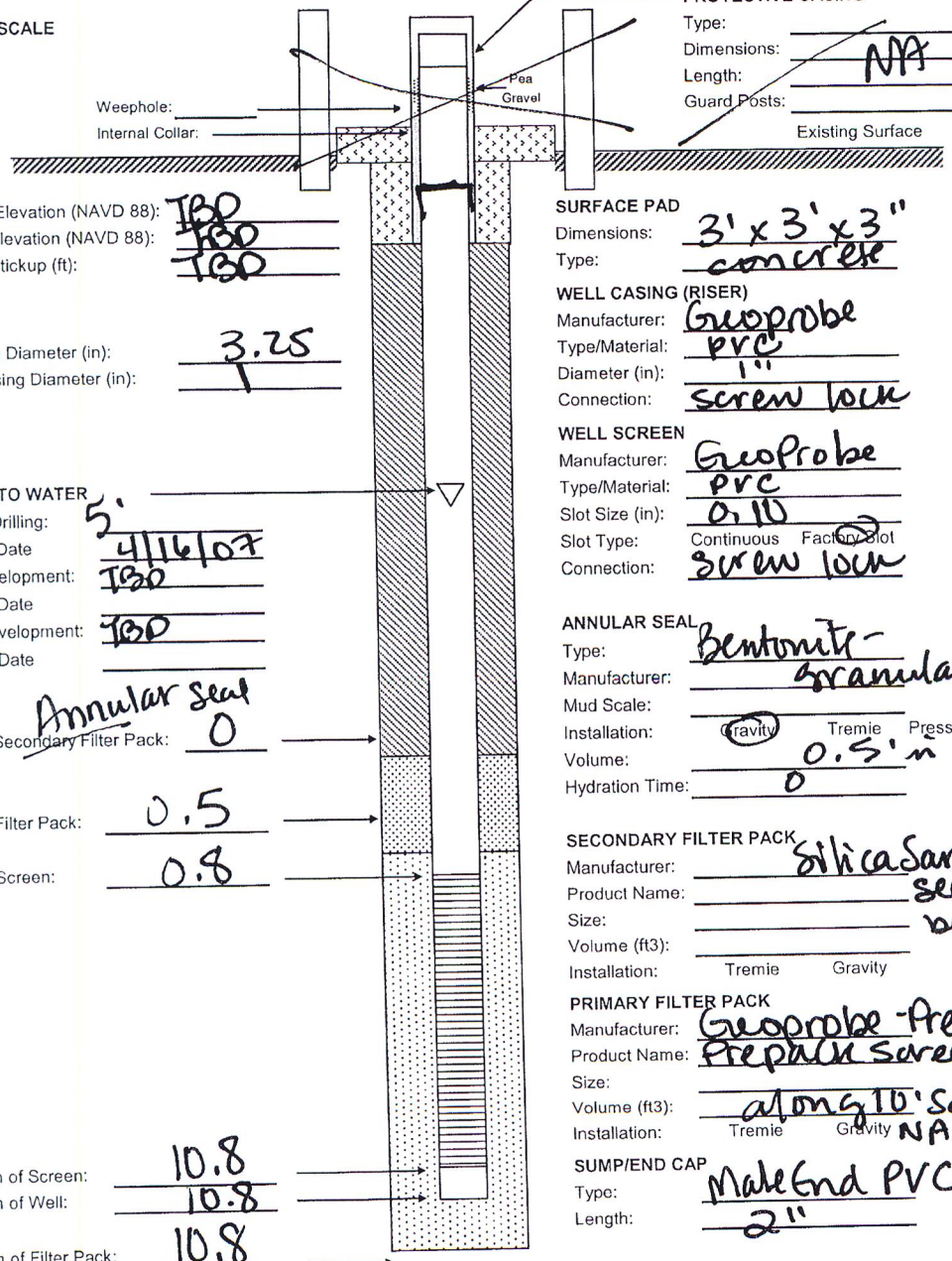
Comments:

SHAW Environmental Engineers and Scientists

WELL CONSTRUCTION DIAGRAM (Abovegrade)

SITE:	West POL Yard	WELL/BORING ID:	WPOL-MW04
PROJECT NAME:	HAFB-Groundwater Monitoring	DRILLING METHOD:	Direct Push Technology
PROJECT NO./PHASE:	9040238 11.01	DATE(S):	16-APR 2007
DRILLING CONTRACTOR:	ESN	SURVEYOR:	TBD
DRILLER:	Chad Grubbs	NORTHING (NAD 83):	TBD
GEOLOGIST:	Katherine Thompson	EASTING (NAD 83):	TBD

NOT TO SCALE



PROTECTIVE CASING
Type:
Dimensions:
Length: NA
Guard Posts:

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

Borehole Diameter (in): 3.25
Well Casing Diameter (in): 1

DEPTH TO WATER
During Drilling: 5'
Date 4/16/07
Pre Development: TBD
Date
Post Development: TBD
Date

Top of ~~Secondary Filter Pack~~ Annular Seal: 0

Top of Filter Pack: 0.5

Top of Screen: 0.8

Bottom of Screen: 10.8
Bottom of Well: 10.8

Bottom of Filter Pack: 10.8

Borehole Depth: 11

SURFACE PAD
Dimensions: 3' x 3' x 3"
Type: concrete

WELL CASING (RISER)
Manufacturer: Geoprobe
Type/Material: PVC
Diameter (in): 1"
Connection: screw lock

WELL SCREEN
Manufacturer: GeoProbe
Type/Material: PVC
Slot Size (in): 0.10
Slot Type: Continuous Factory Slot
Connection: screw lock

ANNULAR SEAL
Type: Bentonite-granular
Manufacturer:
Mud Scale:
Installation: Gravity Tremie Pressure
Volume: 0.5' in 3.25" hole
Hydration Time: 0

SECONDARY FILTER PACK
Manufacturer: Silica Sand
Product Name: see below
Size:
Volume (ft3):
Installation: Tremie Gravity

PRIMARY FILTER PACK
Manufacturer: Geoprobe-Prepack
Product Name: Prepack Screen Silica Sand
Size:
Volume (ft3): along 10' Screen
Installation: Tremie Gravity NA

SUMP/END CAP
Type: Male End PVC
Length: 2"

BACKFILL MATERIAL
Type:
Volume:

Comments:

Appendix B-2

2009 ACM Soil Boring Logs

HTW DRILLING LOG

HOLE NO. WPOL-SB22

SHEET 1 OF 2 SHEETS

1. COMPANY NAME: NationView, LLC.	2. DRILLING CONTRACTOR: Vironex, Inc.
3. PROJECT: West POL Additional Characterization - 8090012.01.010	4. LOCATION: West Petroleum Oil and Lubricants Yard - HAFB, NM
5. NAME OF DRILLER: Gene Grenier	6. MANUFACTURER'S DESIGNATION OF DRILL: Geoprobe 6600
7. SIZES & TYPES OF DRILLING & SAMPLING EQUIPMENT: Geoprobe 6600	8. HOLE LOCATION: North East
	9. SURFACE ELEVATION (ft. NGVD)
	10. DATE STARTED: 8/24/09 — 11. DATE COMPLETED: 8/24/09
12. OVERBURDEN THICKNESS: NA	15. DEPTH GROUNDWATER ENCOUNTERED: ~25' bgs.
13. DEPTH DRILLED INTO ROCK: NA	16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED
14. TOTAL DEPTH OF HOLE: 10' bgs	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)

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

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE REC %
4- ~~WPOL~~ - SB22-6, WPOL-SB22-10 + MS-MSD	VOC/SVOC		TPH-(G,D,O)			

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Abandoned	Bentonite Chip			[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	Landscaping gravels					
		Silty Sand					
	1	7.5YR 5/4 - Brown					
	2	moist @ 2' bgs					
		Capillary Fringe	0-2 PID: 2.7ppm				
		Saturated Silty Sand					
	3	10YR 7/3 - Very pale brown					
	4		2-4 PID: 2.5ppm				
	5						

PROJECT: West POL Additional Characterization - 8090012.01.010 | HOLE NO. WPOL-SB22

HTW DRILLING LOG

HOLE NO. WPOL-SB22

PROJECT: West POL Additional Characterization - 8090012.01.010

INSPECTOR: Zachary Beck

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
		2.5YR 5/0 Gray					
		Staining (~5-7' bgs)					
		Fuel odor					
	6	Saturated	4-6 PID: 457 ppm		WPOL-SB22-6		@0935
	7						
		SILT Sand					
		moist					
	8	10YR 7/3 - Very pale brown	6-8 PID: 6.1 ppm				
	9						
					WPOL-SB22-10		
					WPOL-SB22-10-MS		0945
	10				WPOL-SB22-10-MSD		
		TD: 10' bgs	8-10 PID: 66 ppm				

HTW DRILLING LOG

HOLE NO. WPOL-SB23

SHEET 1 OF 2 SHEETS

1. COMPANY NAME: NationView, LLC.	2. DRILLING CONTRACTOR: Vironex, Inc.
3. PROJECT: West POL Additional Characterization - 8090012.01.010	4. LOCATION: West Petroleum Oil and Lubricants Yard - HAFB, NM
5. NAME OF DRILLER: Gene Grenier	6. MANUFACTURER'S DESIGNATION OF DRILL: Geoprobe 6600
7. SIZES & TYPES OF DRILLING & SAMPLING EQUIPMENT: Geoprobe 6600	8. HOLE LOCATION: North East
	9. SURFACE ELEVATION (ft. NGVD)
	10. DATE STARTED: 8/24/09 — 11. DATE COMPLETED: 8/24/09
12. OVERBURDEN THICKNESS: NA	15. DEPTH GROUNDWATER ENCOUNTERED: ~2.5' bgs
13. DEPTH DRILLED INTO ROCK: NA	16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED
14. TOTAL DEPTH OF HOLE: 10' bgs	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)

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

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE REC %
	VOC/SVOC		TPH-(G,D,O)			

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Abandoned	Bentonite Chip			

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	Concrete roadway surface					
	1	Silty Sand 7.5YR 5/4 - Brown					
	2	moist	0-2 PID: 2.5ppm				
		Capillary Fringe					
		Silty Sand Saturated 10YR 7/3 - very pale brown					
	3						
	4		2-4 PID: 2.0ppm				
	5						

HTW DRILLING LOG

HOLE NO. WPOL- SB23

SHEET 2 OF 2 SHEETS

PROJECT: West POL Additional Characterization - 8090012.01.010

INSPECTOR: Zachary Beck

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
	6	Sand / Sandy Silt well sorted Saturated	4-6 PID: 2.3ppm		80POL-SB23-6 WPOL-SB23-6-a		1100
	7	No visible staining/odor					
	8	10YR 7/4- very pale brown	6-8 PID: 1.7ppm				
	7						
	10	TD: 10'bgs	8-10 PID: 1.2ppm		WPOL-SB23-10		1110

HTW DRILLING LOG

HOLE NO. WPOL-SB24

1. COMPANY NAME: NationView, LLC.	2. DRILLING CONTRACTOR: Vironex, Inc.
SHEET 1 OF 2 SHEETS	
3. PROJECT: West POL Additional Characterization - 8090012.01.010	4. LOCATION: West Petroleum Oil and Lubricants Yard - HAFB, NM
5. NAME OF DRILLER: Gene Grenier	6. MANUFACTURER'S DESIGNATION OF DRILL: Geoprobe 6600
7. SIZES & TYPES OF DRILLING & SAMPLING EQUIPMENT: Geoprobe 6600	8. HOLE LOCATION: North East
	9. SURFACE ELEVATION (ft. NGVD)
	10. DATE STARTED: 8/24/09 — 11. DATE COMPLETED: 8/24/09
12. OVERBURDEN THICKNESS: NA	15. DEPTH GROUNDWATER ENCOUNTERED: ~2.5' bgs
13. DEPTH DRILLED INTO ROCK: NA	16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED
14. TOTAL DEPTH OF HOLE: 10' bgs	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)

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

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE REC %
3 WPOL-SB24-8 + Dup, WPOL-SB24-10	VOC/SVOC		TPH-(G,D,O)			

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Abandoned	Bentonite Chip			[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	Landscaping Gravels					
		Silty Sand					
	1	7.5YR 5/4 Brown					
	2		0-2 PID: 2.4ppm				
		Capillary Fringe					
		Saturated Silty Sand					
	3	10YR 7/3 - very pale brown					
	4		2-4 PID: 2.3ppm				
	5						

PROJECT: West POL Additional Characterization - 8090012.01.010 | HOLE NO. WPOL-SB24

HTW DRILLING LOG

HOLE NO. WPOL-SB24

PROJECT: West POL Additional Characterization - 8090012.01.010

INSPECTOR: Zachary Beale

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
		visible staining (5-8' bgs) Fuel odor					
	6	2.5YR 5/0 Gray Saturated	4-6 PID 12.9 ppm		WPOL-SB24-6 WPOL-SB24-6-a		1015
	7						
	8	Silty Sand moist	6-8 PID: 63.6 ppm				
	9	10YR 7/3 - Very pale brown					
	10		8-10 PID: 1.7 ppm		WPOL-SB24-10		1025

HTW DRILLING LOG

HOLE NO. WPOL-SB25

1. COMPANY NAME: NationView, LLC.	2. DRILLING CONTRACTOR: Vironex, Inc.
SHEET 1 OF 2 SHEETS	
3. PROJECT: West POL Additional Characterization - 8090012.01.010	4. LOCATION: West Petroleum Oil and Lubricants Yard - HAFB, NM
5. NAME OF DRILLER: Gene Grenier	6. MANUFACTURER'S DESIGNATION OF DRILL: Geoprobe 6600
7. SIZES & TYPES OF DRILLING & SAMPLING EQUIPMENT: Geoprobe 6600	8. HOLE LOCATION: North East
	9. SURFACE ELEVATION (ft. NGVD)
	10. DATE STARTED: 8/24/09 — 11. DATE COMPLETED: 8/24/09
12. OVERBURDEN THICKNESS: NA	15. DEPTH GROUNDWATER ENCOUNTERED: ~2.5' bgs.
13. DEPTH DRILLED INTO ROCK: NA	16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED
14. TOTAL DEPTH OF HOLE: 10' bgs	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)

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

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE REC %
2 WPOL-SB25-5, WPOL-SB25-10	VOC/SVOC		TPH-(G,D,O)			

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Abandoned	Bentonite Chip			[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	Concrete Surface					
		ZB					
	1	Silty Sand 7.5YR 5/4 Brown					
	2		0-2 PID: 3.7ppm				
		Capillary Fringe					
		Silty Sand Saturated 10YR 7/3 - Very pale brown					
	4		2-4 PID: 4.1ppm				
	5				WPOL-SB25-5	1220	

PROJECT: West POL Additional Characterization - 8090012.01.010 | HOLE NO. WPOL-SB25

HTW DRILLING LOG

HOLE NO. WPOL-SB25

PROJECT: West POL Additional Characterization - 8090012.01.010

INSPECTOR: Zachary Beck

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 as above					
	6		4-6 PID: 2.0ppm				
	7						
	8	Sand Saturated	6-8 PID: 2.2ppm				
	9	10YR 7/4 - very pale brown					
	10	TD: 10' bgs.	8-10 PID: 3.8ppm		WPOL-SB25-10		1230

HTW DRILLING LOG

HOLE NO. WPOL-SB26

1. COMPANY NAME: NationView, LLC.	2. DRILLING CONTRACTOR: Vironex, Inc.
SHEET 1 OF 2 SHEETS	
3. PROJECT: West POL Additional Characterization - 8090012.01.010	4. LOCATION: West Petroleum Oil and Lubricants Yard - HAFB, NM
5. NAME OF DRILLER: Gene Grenier	6. MANUFACTURER'S DESIGNATION OF DRILL: Geoprobe 6600
7. SIZES & TYPES OF DRILLING & SAMPLING EQUIPMENT: Geoprobe 6600	8. HOLE LOCATION: North East
	9. SURFACE ELEVATION (ft. NGVD)
	10. DATE STARTED: 8/24/09 — 11. DATE COMPLETED: 8/24/09
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	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)

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

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE REC %
2. WPOL-SB26-2, WPOL-SB26-10	VOC/SVOC		TPH-(G,D,O)			

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Abandoned	Bentonite Chip			

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	Concrete Surface					
	1	Silty Sand 7.5YR 5/4 - Brown					
	2	Visible Stain (~2-2.5) 7.5YR 6/2 - Pinkish Gray very strong odor	0-2 PID: 7.0 ppm		WPOL-SB26-2		@ 1145
	3	Silty Sand 10YR 7/3 - very pale brown Saturated					
	4		2-4 PID: 7.1 ppm				
	5						

PROJECT: West POL Additional Characterization - 8090012.01.010 | HOLE NO. WPOL-SB26

HTW DRILLING LOG

HOLE NO. WPOL- SB26

PROJECT: West POL Additional Characterization - 8090012.01.010

INSPECTOR: Zachary Beck

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 as above					
	6		4-6 PID: 4.8ppm				
	7	Sand Saturated					
	8	10YR 7/4 - very pale brown	6-8 PID: 5.6ppm				
	9						
	10	TD: 10' bgs	8-10 PID: 5.4ppm		WPOL-SB26-10		1155

HTW DRILLING LOG

HOLE NO. WPOL-SB27

1. COMPANY NAME: NationView, LLC.	2. DRILLING CONTRACTOR: Vironex, Inc.
SHEET 1 OF 2 SHEETS	
3. PROJECT: West POL Additional Characterization - 8090012.01.010	4. LOCATION: West Petroleum Oil and Lubricants Yard - HAFB, NM
5. NAME OF DRILLER: Gene Grenier	6. MANUFACTURER'S DESIGNATION OF DRILL: Geoprobe 6600
7. SIZES & TYPES OF DRILLING & SAMPLING EQUIPMENT: ~~Geoprobe 6600~~ Hand Auger	8. HOLE LOCATION: North East
	9. SURFACE ELEVATION (ft. NGVD)
	10. DATE STARTED: 8/24/09 — 11. DATE COMPLETED: 8/24/09
12. OVERBURDEN THICKNESS: NA	15. DEPTH GROUNDWATER ENCOUNTERED: ~7.5' bgs
13. DEPTH DRILLED INTO ROCK: NA	16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED
14. TOTAL DEPTH OF HOLE: 9' bgs	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)

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

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE REC %
2- WPOL-SB27-6, WPOL-SB27-9	VOC/SVOC		TPH-(G,D,O)			

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Abandoned	Bentonite Chip			

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	Landscaping Gravels					
		Silty Sand					
	1	7.5 YR 5/4 - Brown					
	2		0-2 PID: 0.7ppm				
		Saturated Silty Sand					
	3	10 YR 7/3 - very pale brown					
	4		2-4 PID: 1.8ppm				
	5						

HTW DRILLING LOG

HOLE NO. WPOL-SB27

PROJECT: West POL Additional Characterization - 8090012.01.010

INSPECTOR: Zachary Beck

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
		Visible Staining (5-8 bgs)					
	6		4-5 PID: 3.8ppm		WPOL-SB27-6		@ 1335
	7		5-6 PID: 101 ppm				
			6-8 PID: 2.2 ppm				
	8	Sand 10YR 7/4 - Very pale brown Saturated					
	9				WPOL-SB27-9		@ 1345
		TD: 9' bgs (Hand auger refusal)					
	10		8-9 PID: 4.6ppm				

HTW DRILLING LOG

HOLE NO. WPOL-SB28

1. COMPANY NAME: NationView, LLC.	2. DRILLING CONTRACTOR: Vironex, Inc.
SHEET 1 OF 2 SHEETS	
3. PROJECT: West POL Additional Characterization - 8090012.01.010	4. LOCATION: West Petroleum Oil and Lubricants Yard - HAFB, NM
5. NAME OF DRILLER: Gene Grenier	6. MANUFACTURER'S DESIGNATION OF DRILL: Geoprobe 6600
7. SIZES & TYPES OF DRILLING & SAMPLING EQUIPMENT: Geoprobe 6600	8. HOLE LOCATION: North East
	9. SURFACE ELEVATION (ft. NGVD): ~~2.5' bgs~~ 28
	10. DATE STARTED: 8/24/07 — 11. DATE COMPLETED: 8/24/07
12. OVERBURDEN THICKNESS: NA	15. DEPTH GROUNDWATER ENCOUNTERED: ~7.5' bgs
13. DEPTH DRILLED INTO ROCK: NA	16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED
14. TOTAL DEPTH OF HOLE: 9' bgs (Hand auger Refusal)	17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)

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

20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHER (SPECIFY)	OTHER (SPECIFY)	OTHER (SPECIFY)	21. TOTAL CORE REC %
2 - WPOL-SB28-3, WPOL-SB28-9	VOC/SVOC		TPH-(G,D,O)			

22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHER (SPECIFY)	23. SIGNATURE OF INSPECTOR
Abandoned	Bentonite Chip			

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	Concrete surface					
		Silty Sand 7.5YR 5/4 Brown					
	1						
		Visible Staining (1.5-9' bgs)					
	2		0-2 PID: 1575 ppm				
	3		2-3 PID: 1663 ppm		WPOL-SB28-3 @ 1400		
	4	Dense	2-4 PID: 460 ppm				
	5						

PROJECT: West POL Additional Characterization - 8090012.01.010 | HOLE NO. WPOL-SB28

HTW DRILLING LOG

HOLE NO. WPOL- SB28

PROJECT: West POL Additional Characterization - 8090012.01.010

INSPECTOR: Zachary Beck

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
		Saturated					
	6		4-6 PID: 748 ppm				
	7						
	8		6-8 PID: 405 ppm				
	9	TD: 9' bgs (Hand Auger Refusal)			WPOL-SB28-9		@ 1410
	10		8-9 PID: 231 ppm				

APPENDIX C

FIELD SAMPLING DOCUMENTATION

Monitoring Well Development Forms

MONITORING WELL DEVELOPMENT FORM

BHATE
Environmental Engineers and Scientist

Page 1 of 1

LOCATION	Site: WPOL	Location ID: WPOL ~~MW01~~ MW01	Date: 4/18/07
	Project Name: Groundwater Mon. WPOL	Project No./Phase: 9040238 11.01	Recorded By: B.W
EQUIPMENT	Pump Type/ID#: Geopump	Water Quality Meter/ID#: Horiba U22 /	PID Type/ID#: —
	Water Level Indicator Type/ID#: Heron	Other Equipment/ID#: Lamotte 2020 /	Decon Method: Liquinox / DI Rinse
	Tubing Type/Diameter (in): 1/4 x 3/8	Other Equipment/ID#: —	PPE Level: D C B A
WELL INFO	(A) Initial Depth to Water (ft BTOC): 6.40	Casing: Type PVC Diam. (in) 2	Weather: clear, breeze, 60°
	(B) Total Well Depth (ft BTOC): 12.21	(E) Casing Volume Multiplier (gal/lin ft): 0.04	Background PID (ppm): —
	(C) Water Column Thickness (ft) (B-A): 5.81	Screen Length (lin ft): 5	Breathing Zone PID (ppm): —
	(D) Well Volume (gal) (C x E): 0.25	Screen Info: Type: Propack Size: 1"	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 (mLpm)	Temp (C)	pH	Cond. (mS/cm)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Oxidation Reduction Potential (mV)	Remarks (odor, clarity, etc.)
4/18/07	0900	6.40	0	250	20.1	7.68	137	10.57	>990	105	water is very turbid
	0910	—	250	~~500~~ 250	20.3	7.42	130	10.01	>990	45	
	0920	—	500	250	19.5	7.40	132	9.27	862	41	clearing, agitated tubing
	0930	—	1000	500	19.7	7.39	130	9.04	>990	44	rinse out flow cell
	0940	—	2000	500	19.7	7.40	130	9.00	68	40	water very clear
	0950	—	3000	500	19.5	7.39	132	9.08	47	41	"
	1000	—	4000	500	19.5	7.40	135	8.99	38	41	
	TERMINATE		DEVELOPMENT								
DEVELOPMENT CRITERIA											
+/- 10% unless otherwise noted					+/- 0.5	+/- 0.1	+/- 25	+/- 0.2	< 50.0	+/- 20	

COMMENTS: 0950 TDS - 1086
1000 TDS - 2134

12.21
6.40
5.81

5.81
.04
2.324
.000

MONITORING WELL DEVELOPMENT FORM

BHATE
Environmental Engineers and Scientist

LOCATION	Site: WPOL	Location ID: WPOL-MW02	Date: 18-APR-2007
	Project Name: Groundwater Mon. WPOL	Project No./Phase: 9040238 11.01	Recorded By: K. THOMPSON
EQUIPMENT	Pump Type/ID#: MasterFlex	Water Quality Meter/ID#: YSI	PID Type/ID#: - NA -
	Water Level Indicator Type/ID#: HERON	Other Equipment/ID#: LA MOTTE 2020	Decon Method: LIQUINOX
	Tubing Type/Diameter (in): 1/4" Poly	Other Equipment/ID#: - NA -	PPE Level: (D) C B A
WELL INFO	(A) Initial Depth to Water (ft BTOC): 6.38	Casing: Type 1" PVC Diam. (in) 1	Weather: Sunny Warm 72°
	(B) Total Well Depth (ft BTOC): 12.25	(E) Casing Volume Multiplier (gal/lin ft): 0.04	Background PID (ppm):
	(C) Water Column Thickness (ft) (B-A): 5.87	Screen Length (lin ft): 10'	Breathing Zone PID (ppm):
	(D) Well Volume (gal) (C x E): 0.2348gal	Screen Info: Type: Prepack 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 (mLpm)	Temp (C)	pH	Cond. (mS/cm)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Oxidation Reduction Potential (mV)	Remarks (odor, clarity, etc.)
041807	0918	7.12	0	350	19.01	7.46	2.105	5.61	too high	108	TDS 1.513 g/L - bottom
041807	0928	7.70	3500	350	18.72	7.38	1.629	2.01	180	26.6	TDS 1.204 g/L - move up 1'
041807	0938	7.82	7000	350	18.77	7.25	1.531	1.21	50	46.4	TDS 1.136 g/L - move up 1'
041807	0948	7.87	10500	350	18.79	7.19	1.500	1.19	24	70.0	TDS 1.103 g/L - move up 1'
041807	0958	7.73	14000	350	18.91	7.17	1.557	1.23	12	80.6	TDS 1.124 g/L - move up 1'
041807	1008	7.21	17500	350	19.16	7.16	1.571	1.22	9.6	89.0	TDS 1.973 g/L - move up 1'
041807	1018	7.07	21000	350	19.25	7.16	1.555	1.35	2.9	90.6	TDS 1.131 g/L - move up 1'
041807	1028	7.05	24500	350	19.41	7.14	1.573	1.71	2.0	92.6	TDS 1.142 g/L - move up 1'
041807	1038	6.56	28000	350	19.97	7.22	1.716	5.29	3.2	124.9	TDS 1.046 - move down 1'
041807	1048	6.79	31500 (KY)	~~350~~ 200	20.56	7.26	1.581	4.66	3.9	135.	TDS - 1.120 - move to 9.25' btoc
041807	1058	6.77	33500	200	20.46	7.26	1.575	2.53	5.3	74.7	TDS - 1.121 - stay @ mid H2O.
DEVELOPMENT CRITERIA											
+/- 10% unless otherwise noted					+/- 0.5	+/- 0.1	+/- 25	+/- 0.2	< 50.0	+/- 20	

COMMENTS: moving up through screen as develop

$$\begin{array}{r} 5.87 \\ .04 \\ \hline 0.2348 \end{array}$$

Moved through screen to surge out sediment. Cleared up rapidly, recharges well.

MONITORING WELL DEVELOPMENT FORM

BHATE
Environmental Engineers and Scientist

LOCATION	Site: WPOL	Location ID: WPOL-MW02	Date: 18-APR-2007
	Project Name: Groundwater Mon. WPOL	Project No./Phase: 9040238 11.01	Recorded By: K. THOMPSON

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.)
041807	1108		35500	200	20.81	7.21	1.562	1.55	1.7	84.4	TDS:1.105
041807	1118		37500	200	20.77	7.21	1.574	1.58	0.85	85.8	TDS: 1.114
041807	1128		39500	—	20.75	7.20	1.575	1.53	0.85	87.1	TDS: 1.114
	1128-END DEVELOPMENT										

Kathleen

MONITORING WELL DEVELOPMENT FORM

BHATE
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LOCATION	Site: WPOL	Location ID: WPOL-MW03	Date: 18-APR 2007
	Project Name: Groundwater Mon. WPOL	Project No./Phase: 9040238 11.01	Recorded By: K THOMPSON
EQUIPMENT	Pump Type/ID#: Master Flex	Water Quality Meter/ID#: YSI	PID Type/ID#: -NA-
	Water Level Indicator Type/ID#: Heron	Other Equipment/ID#: LA MOTTE 2020	Decon Method: LIQUINOX
	Tubing Type/Diameter (in): 1/4" Poly	Other Equipment/ID#: -NA-	PPE Level: (D) C B A
WELL INFO	(A) Initial Depth to Water (ft BTOC): 6.70	Casing: Type PVC Diam. (in) 1"	Weather: Sunny Warm - 85°
	(B) Total Well Depth (ft BTOC): 11.70	(E) Casing Volume Multiplier (gal/lin ft): 0.04	Background PID (ppm): -NA-
	(C) Water Column Thickness (ft) (B-A): 5.00	Screen Length (lin ft): 10'	Breathing Zone PID (ppm): -NA-
	(D) Well Volume (gal) (C x E): 0.20	Screen Info: Type: PREPACK Size:	Well Opening PID (ppm): -NA-

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 (mLpm)	Temp (C)	pH	Cond. (mS/cm)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Oxidation Reduction Potential (mV)	Remarks (odor, clarity, etc.) Strong odor!
041807	1245	6.72	0	300	20.40	7.43	3.487	2.85	140	90.4	TDS: 2.490 g/L bottom
041807	1255	6.71	3000	300	19.53	7.26	3.176	1.30	400	-34.1	TDS: 2.598 g/L up 1'
041807	1305	6.72	6000	300	20.30	7.03	3.317	0.38	80	-216.7	TDS: 2.396 up 1
041807	1315	6.72	9000	300	20.55	7.01	3.392	0.33	19	-230.3	TDS: 2.532 up 1
041807	1325	6.71	12000	300	19.98	7.01	3.351	0.32	10	-250.1	TDS: 2.558 up 1
041807	1335	6.72	15000	300	19.96	7.00	3.471	0.30	4.1	-258.9	TDS: 2.212 up 1
041807	1345	6.71	18000	200	20.14	7.01	3.058	0.27	2.9	-274.9	TDS: 1.908
041807	1355	6.71	20000	200	20.19	7.02	3.623	0.29	9.1	-283.5	TDS: 2.444
041807	1405	6.72	22000	200	22.39	7.02	3.059	0.30	4.1	-278.9	TDS: 2.517
DEVELOPMENT CRITERIA											
+/- 10% unless otherwise noted					+/- 0.5	+/- 0.1	+/- 25	+/- 0.2	< 50.0	+/- 20	

COMMENTS: Strong petroleum odor!

MONITORING WELL DEVELOPMENT FORM

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LOCATION	Site: WPOL	Location ID: WPOL-MW04		Date: 4/18/07	
	Project Name: Groundwater Mon. WPOL	Project No./Phase: 9040238 11.01		Recorded By: BW	
EQUIPMENT	Pump Type/ID#: Geo-9/	Water Quality Meter/ID#: Horiba U22/		PID Type/ID#: —	
	Water Level Indicator Type/ID#: Heron/	Other Equipment/ID#: Lamotte 2020/		Decon Method: Liquinox/DI Rinse	
	Tubing Type/Diameter (in): 1/4 x 3/8	Other Equipment/ID#: —		PPE Level:	D C B A
WELL INFO	(A) Initial Depth to Water (ft BTOC): 5.79	Casing: Type PVC	Diam. (in) 2	Weather: light clouds, breeze, 65°	
	(B) Total Well Depth (ft BTOC): 11.05	(E) Casing Volume Multiplier (gal/lin ft): 0.04		Background PID (ppm): —	
	(C) Water Column Thickness (ft) (B-A): 5.26	Screen Length (lin ft): 5		Breathing Zone PID (ppm): —	
	(D) Well Volume (gal) (C x E): ~0.2	Screen Info: Type: Pre-pack	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 (mL)	Pumping Rate (mLpm)	Temp (C)	pH	Cond. (mS/cm)	Dissolved Oxygen (mg/l)	Turbidity (NTU)	Oxidation Reduction Potential (mV)	Remarks (odor, clarity, etc.)
4/18/07	1130	5.79	0	500	22.3	8.29	178	10.79	469	79	water is clear
	1140	—	500	250	20.7	7.13	68	8.79	107	-21	pumping rate reduced
											due to drawdown
	well	will	not	recharge	at the	slowest	pumping	rate	available		
	forced	to	bypass		traditional		development				
DEVELOPMENT CRITERIA											
+/- 10% unless otherwise noted					+/- 0.5	+/- 0.1	+/- 25	+/- 0.2	< 50.0	+/- 20	

COMMENTS: TDS @ 1130 - 1.123 g/L Sampled VOCs, GRO - @ 1200

11.05
5.79
5.26

5.26
.04
2.104
.008
2.104

Monitoring Well Sample Collection Forms

MONITORING WELL SAMPLE COLLECTION FORM

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LOCATION	Site: West POL Yard	Location ID: WPOL MW01	Date: 4/18/07
	Project Name: HAFB West POL	Project No./Phase: 9040238 11.01	Recorded By: B.W.
EQUIPMENT	Pump Type/ID#: Geotech /	Water Quality Meter/ID#: Horiba U22 /	PID Type/ID#: —
	Water Level Indicator Type/ID#: Heron /	Other Equipment/ID#: Lamotte 2020 /	Decon Method: Liquinox / DI Rinse
	Tubing Type/Diameter (in): 1/4 x 3/8	Other Equipment/ID#: —	PPE Level: D C B A
WELL INFO	(A) Initial Depth to Water (ft BTOC): 6.43	Casing: Type PVC Diam. (in) 2	Weather: clear breeze 65°
	(B) Total Well Depth (ft BTOC): 12.21	(E) Casing Volume Multiplier (gal/lin ft): 0.04	Background PID (ppm): —
	(C) Water Column Thickness (ft) (B-A): 5.78	Screen Length (lin ft): 5'	Breathing Zone PID (ppm): —
	(D) Well Volume (gal) (C x E): 0.3	Screen Info: Type: Pre Pack 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.)
	1015	6.43	0	250	21.4	7.50	144	7.90	240	49	water is clear
	1020	—	250	11	19.3	7.58	140	7.62	68	45	
	1025	—	500	11	19.1	7.57	141	7.60	42	41	
	1030	—	750	11	19.1	7.58	140	7.60	32	41	
		Terminate purge sample @ 1030									

Colorimeter Results				
Time	Analyte	Dilution	Result	Units
Sample Time				
Sample Identification				

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	Glass Amber	-	N	8270C	SVOCs
3	40 mL	VOAs	HCl	N	8015	TRPH -GRO
2	1 L	Glass Amber	H2SO4	N	8015	TRPH - DRO
1	500 mL	Plastic	-	N	Wet Chem	TDS

12.21
6.43
5.78

MONITORING WELL SAMPLE COLLECTION FORM

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Page 1 of 1

LOCATION	Site: West POL Yard	Location ID: WPOL-MWØ2	Date: 18-APR-2007
	Project Name: HAFB West POL	Project No./Phase: 9040238 11.01	Recorded By: K. THOMPSON
EQUIPMENT	Pump Type/ID#: MASTERFLEX	Water Quality Meter/ID#: YSI	PID Type/ID#: -NA-
	Water Level Indicator Type/ID#: HERON	Other Equipment/ID#: LA MOTTE 2020	Decon Method: LIQUINOX
	Tubing Type/Diameter (in): 1/4" Poly	Other Equipment/ID#: -NA-	PPE Level: (D) C B A
WELL INFO	(A) Initial Depth to Water (ft BTOC): 6.38	Casing: Type PVC Diam. (in) 1"	Weather: Sunny warm 80°
	(B) Total Well Depth (ft BTOC): 12.25	(E) Casing Volume Multiplier (gal/lin ft): Ø.Ø4	Background PID (ppm): -NA-
	(C) Water Column Thickness (ft) (B-A): 5.87	Screen Length (lin ft): 10	Breathing Zone PID (ppm): -NA-
	(D) Well Volume (gal) (C x E): Ø.2348 g	Screen Info: Type: Prepack Size:	Well Opening PID (ppm): -NA-

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.)
Ø418Ø7	113Ø		—	2ØØ	2Ø.16	7.22	2.894	1.64	2.2	88.5	TDS: 2.Ø85 g/L @mid H_2O level
Ø418Ø7	1135		2ØØØ	2ØØ	2Ø.47	7.2Ø	2.815	1.64	3.2	88.9	TDS: 2.Ø26 g/L
Ø418Ø7	114Ø		4ØØØ	2ØØ	2Ø.61	7.21	2.798	1.58	2.6	88.5	TDS: 1.344 g/L
Ø418Ø7	1145		6ØØØ	2ØØ	2Ø.67	7.21	2.811	1.58	2.1	84.7	TDS: 2.Ø19 g/L

Colorimeter Results				
Time	Analyte	Dilution	Result	Units
Sample Time				
1155				
Sample Identification				
WPOL-MWØ2				

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	Glass Amber	-	N	8270C	SVOCs
3	40 mL	VOAs	HCl	N	8015	~~TRPH~~ -GRO
2	1 L	Glass Amber	H2SO4	N	8015	~~TRPH~~ - DRO / ORO
1	500 mL	Plastic	-	N	Wet Chem	TDS

MONITORING WELL SAMPLE COLLECTION FORM

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Environmental Engineers and Scientist

Page 1 of

LOCATION	Site: West POL Yard	Location ID: WPOL-MWØ3	Date: 18-APR 2007
	Project Name: HAFB West POL	Project No./Phase: 9040238 11.01	Recorded By: K. THOMPSON
EQUIPMENT	Pump Type/ID#: MASTER FLEX	Water Quality Meter/ID#: YSI	PID Type/ID#: -NA-
	Water Level Indicator Type/ID#: HORON	Other Equipment/ID#: LAMOTTE	Decon Method: -LIQUINOX
	Tubing Type/Diameter (in): 1/4" POLY	Other Equipment/ID#: -NA-	PPE Level: (D) C B A
WELL INFO	(A) Initial Depth to Water (ft BTOC): 6.7Ø	Casing: Type PVC Diam. (in) 1	Weather: Sunny hot 85°
	(B) Total Well Depth (ft BTOC): 11.7Ø	(E) Casing Volume Multiplier (gal/lin ft): Ø.Ø4	Background PID (ppm): -NA-
	(C) Water Column Thickness (ft) (B-A): 5.Ø	Screen Length (lin ft): 10'	Breathing Zone PID (ppm): -NA-
	(D) Well Volume (gal) (C x E): Ø.2Ø	Screen Info: Type: Prepack Size:	Well Opening PID (ppm): -NA-

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.)
Ø418Ø7	141Ø	6.72	–	200	22.77	7.Ø2	3.631	Ø.28	7.Ø	-249.Ø	TDS: 1.6Ø7 g/L
Ø418Ø7	1415	6.72	2Ø1000	200	23.24	7.Ø4	3.5Ø3	Ø.62	4.3	-243.Ø	TDS: 1.67Ø g/L
Ø418Ø7	142Ø	6.72	2ØØØ	2ØØ	23.Ø9	7.Ø5	3.78Ø	Ø.55	4.7	-246.8	TDS: 2.485 g/L
Ø418Ø7	1425	6.72	3ØØØ	2ØØ	22.96	7.Ø4	3.67Ø	Ø.41	4.5	-260.4	TDS: 1.601 g/L
Ø418Ø7	143Ø	6.72	4ØØØ	200	22.86	7.Ø4	3.644	Ø.39	4.2	-268.2	TDS: 1.685 g/L
Ø418Ø7	1435	6.72	5000	200	22.84	7.Ø4	3.455	Ø.32	4.6	-265.7	TDS: 1.692 g/L

Colorimeter Results

Time	Analyte	Dilution	Result	Units

Sample Time: 1435

Sample Identification: WPOL-MWØ3 + -a + -MS + -MSD

No. Containers/Volume/Type			Preserv.	Filter (Y/N)	Method	Parameter(s)
3	40 ml	VOAs	HCl	N	8260B	VOCs
2	1 L	Glass Amber	-	N	8270C	SVOCs
3	40 mL	VOAs	HCl	N	8015	TRPH -GRO
2	1 L	Glass Amber	H2SO4	N	8015	TRPH - DRO
1	500 mL	Plastic	-	N	Wet Chem	TDS

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

EBHATE
Environmental Engineers and Scientist

LOCATION	Site: West POL Yard	Location ID: WPOL - MW 04	Date: 4/18/07
	Project Name: ACM - HAFB	Project No./Phase: 9040738.11.01	Recorded By: BW
EQUIPMENT	Pump Type/ID#: MASTER FLEX	Water Quality Meter/ID#: YSI	PID Type/ID#: NA
	Water Level Indicator Type/ID#: HERON	Other Equipment/ID#: LA MOTTE	Decon Method: LIQUINOX
	Tubing Type/Diameter (in): 1/4" POLY	Other Equipment/ID#: NA	PPE Level: D C B A
WELL INFO	(A) Initial Depth to Water (ft BTOC):	Casing: Type PVC Diam. (in) 2	Weather: Sunny Warm
	(B) Total Well Depth (ft BTOC):	(E) Casing Volume Multiplier (gal/lin ft):	Background PID (ppm): NA
	(C) Water Column Thickness (ft) (B-A):	Screen Length (lin ft): 10	Breathing Zone PID (ppm): NA
	(D) Well Volume (gal) (C x E):	Screen Info: Type: Prepack Size:	Well Opening PID (ppm): NA

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.)
											No purging completed well nearly dry.

Colorimeter Results				
Time	Analyte	Dilution	Result	Units

Sample Time
1200

Sample Identification
WPOL - MW04

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 / TPH-GRO
~~2~~	~~1 L~~	~~Amber~~	~~None~~	~~N~~	~~8270C~~	~~SVOC~~
~~1~~	~~1 L~~	~~Amber~~	~~None~~	~~N~~	~~8082~~	~~PCBs~~
~~1~~	~~.5 L~~	~~Plastic~~	~~HNO3~~	~~Y~~	~~6010/7470~~	~~Metals~~
					~~6860~~	~~Perchlorates~~
~~1~~	~~.5L~~	~~Plastic~~	~~None~~	~~N~~	~~160.1~~	~~TDS~~

Return to complete sampling @ a later date.

MONITORING WELL SAMPLE COLLECTION FORM

BHATE
Environmental Engineers and Scientist

LOCATION	Site: West POL Yard	Location ID: WPOL-MW04	Date: 4/23/07
	Project Name: GW monitoring WPOL	Project No./Phase: 9040238.11.01	Recorded By: BW
EQUIPMENT	Pump Type/ID#: MASTER FLEX	Water Quality Meter/ID#: YSI	PID Type/ID#: NA
	Water Level Indicator Type/ID#: HERON	Other Equipment/ID#: LA MOTTE	Decon Method: LIQUINOX
	Tubing Type/Diameter (in): 1/4" POLY	Other Equipment/ID#: NA	PPE Level: (D) C B A
WELL INFO	(A) Initial Depth to Water (ft BTOC):	Casing: Type PVC Diam. (in) 1	Weather: Sunny
	(B) Total Well Depth (ft BTOC):	(E) Casing Volume Multiplier (gal/lin ft):	Background PID (ppm): NA
	(C) Water Column Thickness (ft) (B-A):	Screen Length (lin ft): 10	Breathing Zone PID (ppm): NA
	(D) Well Volume (gal) (C x E):	Screen Info: Type: Prepack Size:	Well Opening PID (ppm): NA

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.)
											No purging completed well nearly dry

Colorimeter Results					No. Containers/Volume/Type			Preserv.	Filter (Y/N)	Method	Parameter(s)
Time	Analyte	Dilution	Result	Units							
					2	1 L	Amber	None	N	8270C	SVOC
Sample Time											
1130											
Sample Identification											
WPOL-MW04					1	.5L	Plastic	None	N	160.1	TDS
Conversions	Stabilization Criteria				Return to sample for TPH DRO/ORO @ a later date.						
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

LOCATION	Site: West POL Yard	Location ID: WPOL-MW04	Date: 4/18/07
	Project Name: GW monitoring WPOL	Project No./Phase: 9040238.11.01	Recorded By: BW
EQUIPMENT	Pump Type/ID#: MASTER FLEX	Water Quality Meter/ID#: YSI	PID Type/ID#: NA
	Water Level Indicator Type/ID#: HERON	Other Equipment/ID#: LA MOTTE	Decon Method: LIQUINOX
	Tubing Type/Diameter (in): 1/4" POLY	Other Equipment/ID#: NA	PPE Level: (D) C B A
WELL INFO	(A) Initial Depth to Water (ft BTOC):	Casing: Type PVC Diam. (in) 1	Weather: Sunny
	(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): 10	Breathing Zone PID (ppm):
	(D) Well Volume (gal) (C x E):	Screen Info: Type: Prepack 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.)
											No purging completed well nearly dry

Colorimeter Results					No. Containers/Volume/Type			Preserv.	Filter (Y/N)	Method	Parameter(s)
Time	Analyte	Dilution	Result	Units							
					2	1 L	Amber	None	N	8015	TPH-DRO/ORO
Sample Time											
0800											
Sample Identification											
WPOL-MW04											
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							

Survey Data

Confirmatory Sampling Locations - 4/2007

Location (point_name)	ELEV_OBS	EASTING	NORTHING	Top of Casing	Stickup
west pol-mw 1	4059.379	1684775.4983	670921.8917	4059.168	-0.211
west pol-mw 3	4059.548	1684735.5015	670768.0663	4059.434	-0.114
west pol-mw 4	4058.647	1684729.7785	670648.9402	4058.382	-0.265
west pol-mw 2	4059.204	1684644.9140	670662.9821	4059.057	-0.147
ss66-dp01	4057.479	1682987.1214	670975.1859	4058.611	1.132
ss69-dp01	4059.009	1684292.1564	670728.5394	4059.010	0.001
ss69-dp02	4058.574	1684288.6436	670602.3652	4058.403	-0.171
ss69-dp03	4058.571	1684339.8498	670406.2862	4058.507	-0.064
ss72-dp01	4050.177	1683313.8721	668838.9394	4050.927	0.750
ss67-dp01	4047.003	1680574.8996	669184.6308	4047.993	0.990
ss72-dp02	4049.327	1683713.8385	668592.8406	4050.147	0.820
ss72-dp03	4048.363	1683418.2753	668151.6653	4049.202	0.839
ss65-dp01	4047.045	1684124.7401	667654.9087	4048.129	1.084
ss67-dp02	4046.047	1680435.9570	669129.5626	4046.926	0.879
ss73-dp04	4103.623	1690375.2354	677002.6755	4106.358	2.735
ss73-dp05	4103.295	1690520.2969	676829.7572	4105.320	2.025
ss73-dp06	4101.697	1690275.9771	676650.8552	4102.781	1.084

APPENDIX D

ANALYTICAL DATA PACKAGES

(ON ENCLOSED CD)

ANALYTICAL REPORT

Job Number: 680-20904-1

SDG Number: HOLL010

Job Description: HOLLOMAN AFB

For:
Bhate Engineering
1608 13th Avenue South
Suite 300
Birmingham, AL 35205

Attention: Judy Solomon

Linda Wolfe
Project Manager I
lwolfe@stl-inc.com

10/11/2006

Project Manager: Linda Wolfe

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the STL Project Manager who signed this report.

Case Narrative for job: 680-J20904-1

Client: Bhate Engineering
Date: 10/11/2006

Volatiles (8260):
Due to the presence of interfering, non-target, compounds the Reporting Limits (RL) for samples 680-20904-6, -8, and -11 are elevated.

Surrogate recovery for4-bromofluorobenzene slightly exceeded the control limits high for sample 20904-6. The sample was reanalyzed and the surrogate recovery was still slighlty high biased. Matrix interference is suspected. Both runs are reported. All other calibration and QC criteria were met.

EXECUTIVE SUMMARY - Detections

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Lab Sample ID / Client Sample ID / Analyte	Result / Qualifier		Reporting Limit	Units	Method
680-20904-1 FLSS17-L13-B1R					
Diesel Range Organics [C10-C28]	120		3.8	mg/Kg	8015B
Oil Range Organics (C20-C36)	230		20	mg/Kg	8015B
Percent Moisture	14		1.0	%	PercentMoisture
Percent Solids	86		1.0	%	PercentMoisture
680-20904-2 FLSS17-L13-B2R					
Trichloroethylene	1.7	J	5.6	ug/Kg	8260B
Bis(2-ethylhexyl) phthalate	46	J	380	ug/Kg	8270C
Diesel Range Organics [C10-C28]	78		3.8	mg/Kg	8015B
Oil Range Organics (C20-C36)	160		20	mg/Kg	8015B
Percent Moisture	14		1.0	%	PercentMoisture
Percent Solids	86		1.0	%	PercentMoisture
680-20904-3 FLSS17-L13-B3R					
Bis(2-ethylhexyl) phthalate	77	J	470	ug/Kg	8270C
Diesel Range Organics [C10-C28]	150		9.3	mg/Kg	8015B
Oil Range Organics (C20-C36)	300		48	mg/Kg	8015B
Percent Moisture	29		1.0	%	PercentMoisture
Percent Solids	71		1.0	%	PercentMoisture
680-20904-4 FLSS17-L13-B4R					
p-Isopropyltoluene	5.7	J	8.7	ug/Kg	8260B
1,3,5-Trimethylbenzene	73		8.7	ug/Kg	8260B
Bis(2-ethylhexyl) phthalate	100	J	490	ug/Kg	8270C
Pyrene	44	J	490	ug/Kg	8270C
Gasoline Range Organics (GRO)-C6-C10	0.55		0.39	mg/Kg	8015B
Diesel Range Organics [C10-C28]	410		19	mg/Kg	8015B
Oil Range Organics (C20-C36)	820		100	mg/Kg	8015B
Percent Moisture	32		1.0	%	PercentMoisture
Percent Solids	68		1.0	%	PercentMoisture

EXECUTIVE SUMMARY - Detections

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
680-20904-6	**WPOL-SW20**					
n-Butylbenzene		9100		1800	ug/Kg	8260B
sec-Butylbenzene		7900		1800	ug/Kg	8260B
Ethylbenzene		2600		1800	ug/Kg	8260B
Isopropylbenzene		2000		1800	ug/Kg	8260B
p-Isopropyltoluene		6500		1800	ug/Kg	8260B
N-Propylbenzene		3400		1800	ug/Kg	8260B
1,3,5-Trimethylbenzene		4100		1800	ug/Kg	8260B
Fluorene		170	J	500	ug/Kg	8270C
Gasoline Range Organics (GRO)-C6-C10		1000		220	mg/Kg	8015B
Diesel Range Organics [C10-C28]		3900		50	mg/Kg	8015B
Percent Moisture		34		1.0	%	PercentMoisture
Percent Solids		66		1.0	%	PercentMoisture
680-20904-7	**WPOL-SW21**					
Carbon disulfide		3.5	J	5.8	ug/Kg	8260B
sec-Butylbenzene		1.7	J	5.8	ug/Kg	8260B
Gasoline Range Organics (GRO)-C6-C10		0.44		0.29	mg/Kg	8015B
Diesel Range Organics [C10-C28]		4.5	J	4.6	mg/Kg	8015B
Percent Moisture		29		1.0	%	PercentMoisture
Percent Solids		71		1.0	%	PercentMoisture
680-20904-8	**WPOL-SW22**					
n-Butylbenzene		340	J	660	ug/Kg	8260B
sec-Butylbenzene		470	J	660	ug/Kg	8260B
Gasoline Range Organics (GRO)-C6-C10		34		6.6	mg/Kg	8015B
Diesel Range Organics [C10-C28]		340		4.7	mg/Kg	8015B
Percent Moisture		30		1.0	%	PercentMoisture
Percent Solids		70		1.0	%	PercentMoisture
680-20904-9	**WPOL-SW24**					
Gasoline Range Organics (GRO)-C6-C10		0.14	J	0.32	mg/Kg	8015B
Diesel Range Organics [C10-C28]		2.8	J	4.5	mg/Kg	8015B
Percent Moisture		27		1.0	%	PercentMoisture
Percent Solids		73		1.0	%	PercentMoisture

EXECUTIVE SUMMARY - Detections

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
680-20904-11	**WPOL-STOCKPILE**					
n-Butylbenzene		820		720	ug/Kg	8260B
sec-Butylbenzene		1000		720	ug/Kg	8260B
Ethylbenzene		200	J	720	ug/Kg	8260B
Isopropylbenzene		380	J	720	ug/Kg	8260B
N-Propylbenzene		710	J	720	ug/Kg	8260B
1,3,5-Trimethylbenzene		330	J	720	ug/Kg	8260B
Gasoline Range Organics (GRO)-C6-C10		85		7.2	mg/Kg	8015B
Diesel Range Organics [C10-C28]		260		4.6	mg/Kg	8015B
Percent Moisture		28		1.0	%	PercentMoisture
Percent Solids		72		1.0	%	PercentMoisture

METHOD SUMMARY

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds by GC/MS	STL SAV	SW846 8260B	
Closed System Purge & Trap/Field Preservation	STL SAV		SW846 5035
Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	STL SAV	SW846 8270C	
Ultrasonic Extraction	STL SAV		SW846 3550B
Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)	STL SAV	SW846 8015B	
Closed System Purge & Trap/Field Preservation	STL SAV		SW846 5035
Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)	STL SAV	SW846 8015B	
Ultrasonic Extraction	STL SAV		SW846 3550B
Percent Moisture	STL SAV	EPA PercentMoisture	
Matrix: Water			
Volatile Organic Compounds by GC/MS	STL SAV	SW846 8260B	
Purge-and-Trap	STL SAV		SW846 5030B

LAB REFERENCES:

STL SAV = STL Savannah

METHOD REFERENCES:

EPA - US Environmental Protection Agency

SW846 - "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

SAMPLE SUMMARY

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
680-20904-1	FLSS17-L13-B1R	Solid	10/05/2006 0910	10/06/2006 0847
680-20904-2	FLSS17-L13-B2R	Solid	10/05/2006 0920	10/06/2006 0847
680-20904-3	FLSS17-L13-B3R	Solid	10/05/2006 0930	10/06/2006 0847
680-20904-4	FLSS17-L13-B4R	Solid	10/05/2006 0940	10/06/2006 0847
680-20904-5	Trip Blank	Water	10/05/2006 0910	10/06/2006 0847
680-20904-6	WPOL-SW20	Solid	10/05/2006 1100	10/06/2006 0847
680-20904-7	WPOL-SW21	Solid	10/05/2006 1115	10/06/2006 0847
680-20904-8	WPOL-SW22	Solid	10/05/2006 1130	10/06/2006 0847
680-20904-9	WPOL-SW24	Solid	10/05/2006 1145	10/06/2006 0847
680-20904-11	WPOL-Stockpile	Solid	10/05/2006 1330	10/06/2006 0847
680-20904-12	Trip Blank	Water	10/05/2006 0000	10/06/2006 0847
680-20904-13	Trip Blank	Water	10/05/2006 0000	10/06/2006 0847

Analytical Data

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Client Sample ID: **FLSS17-L13-B1R**

Lab Sample ID: 680-20904-1
Client Matrix: Solid
% Moisture: 14.1
Date Sampled: 10/05/2006 0910
Date Received: 10/06/2006 0847

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5035
Dilution: 1.0
Date Analyzed: 10/06/2006 1643
Date Prepared: 10/06/2006 1212

Analysis Batch: 680-56773
Prep Batch: 680-56790

Instrument ID: GC/MS Volatiles - L
Lab File ID: l0996.d
Initial Weight/Volume: 5.4 g
Final Weight/Volume: 5 g

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		50	U	3.0	50
Acetonitrile		200	U	28	200
Acrolein		100	U	11	100
Bromobenzene		5.0	U	0.93	5.0
Bromochloromethane		5.0	U	0.95	5.0
Acrylonitrile		100	U	16	100
Benzene		5.0	U	0.86	5.0
Dichlorobromomethane		5.0	U	1.0	5.0
Bromoform		5.0	U	2.2	5.0
Methyl bromide		5.0	U	1.3	5.0
n-Butylbenzene		5.0	U	0.99	5.0
Methyl Ethyl Ketone		25	U	4.0	25
Carbon disulfide		5.0	U	1.0	5.0
sec-Butylbenzene		5.0	U	1.1	5.0
Carbon tetrachloride		5.0	U	0.89	5.0
tert-Butylbenzene		5.0	U	1.2	5.0
Chlorobenzene		5.0	U	0.69	5.0
Chloroethane		5.0	U	1.5	5.0
Chloroform		5.0	U	0.88	5.0
Methyl chloride		5.0	U	0.70	5.0
Allyl chloride		5.0	U	1.2	5.0
Chlorodibromomethane		5.0	U	1.1	5.0
1,2-Dibromo-3-Chloropropane		10	U	4.6	10
1,2-Dibromoethane		5.0	U	1.4	5.0
2-Chlorotoluene		5.0	U	1.4	5.0
Methylene bromide		5.0	U	1.3	5.0
trans-1,4-Dichloro-2-butene		10	U	4.0	10
4-Chlorotoluene		5.0	U	0.78	5.0
Dichlorodifluoromethane		5.0	U	2.5	5.0
1,1-Dichloroethane		5.0	U	1.0	5.0
1,2-Dichloroethane		5.0	U	1.2	5.0
1,1-Dichloroethylene		5.0	U	1.1	5.0
o-Dichlorobenzene		5.0	U	1.8	5.0
trans-1,2-Dichloroethylene		5.0	U	1.1	5.0
m-Dichlorobenzene		5.0	U	1.1	5.0
1,2-Dichloropropane		5.0	U	1.3	5.0
cis-1,3-Dichloropropene		5.0	U	0.91	5.0
p-Dichlorobenzene		5.0	U	1.4	5.0
trans-1,3-Dichloropropene		5.0	U	1.1	5.0
Ethylbenzene		5.0	U	0.87	5.0
Ethyl methacrylate		5.0	U	0.77	5.0
2-Hexanone		25	U	5.4	25
Methyl iodide		5.0	U	1.0	5.0

Analytical Data

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Client Sample ID: **FLSS17-L13-B1R**

Lab Sample ID: 680-20904-1
Client Matrix: Solid
% Moisture: 14.1
Date Sampled: 10/05/2006 0910
Date Received: 10/06/2006 0847

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5035
Dilution: 1.0
Date Analyzed: 10/06/2006 1643
Date Prepared: 10/06/2006 1212

Analysis Batch: 680-56773
Prep Batch: 680-56790

Instrument ID: GC/MS Volatiles - L
Lab File ID: l0996.d
Initial Weight/Volume: 5.4 g
Final Weight/Volume: 5 g

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
cis-Dichloroethylene		5.0	U	0.88	5.0
Methacrylonitrile		100	U	16	100
Methylene Chloride		5.0	U	1.6	5.0
Methyl methacrylate		5.0	U	1.7	5.0
1,3-Dichloropropane		5.0	U	1.2	5.0
4-Methyl-2-pentanone (MIBK)		25	U	5.8	25
Pentachloroethane		25	U	4.6	25
2,2-Dichloropropane		5.0	U	1.2	5.0
Propionitrile		100	U	23	100
1,1-Dichloropropene		5.0	U *	1.4	5.0
Styrene		5.0	U	0.85	5.0
1,1,1,2-Tetrachloroethane		5.0	U	1.4	5.0
1,1,2,2-Tetrachloroethane		5.0	U	1.0	5.0
Tetrachloroethylene		5.0	U	1.0	5.0
Toluene		5.0	U	1.0	5.0
Hexachlorobutadiene		5.0	U	1.6	5.0
1,1,1-Trichloroethane		5.0	U	0.85	5.0
1,1,2-Trichloroethane		5.0	U	1.2	5.0
Trichloroethylene		5.0	U	1.2	5.0
Isopropylbenzene		5.0	U	0.99	5.0
Trichlorofluoromethane		5.0	U	1.4	5.0
1,2,3-Trichloropropane		5.0	U	2.7	5.0
p-Isopropyltoluene		5.0	U	1.2	5.0
Vinyl acetate		10	U	1.9	10
Vinyl chloride		5.0	U	0.92	5.0
Methyl tert-butyl ether		50	U	1.8	50
Naphthalene		5.0	U	3.4	5.0
N-Propylbenzene		5.0	U	1.2	5.0
1,2,3-Trichlorobenzene		5.0	U	1.0	5.0
1,2,4-Trichlorobenzene		5.0	U	2.2	5.0
Freon 113		5.0	U	1.0	5.0
1,2,4-Trimethylbenzene		5.0	U	1.0	5.0
1,3,5-Trimethylbenzene		5.0	U	1.3	5.0
o-Xylene		5.0	U	1.4	5.0
m-Xylene & p-Xylene		10	U	2.0	10
1-Chlorohexane		5.0	U	0.78	5.0
Hexane		5.0	U	2.3	5.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	98	68 - 121
Dibromofluoromethane	102	66 - 127
Toluene-d8 (Surr)	92	65 - 128

Analytical Data

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Client Sample ID: **FLSS17-L13-B2R**

Lab Sample ID: 680-20904-2
Client Matrix: Solid
% Moisture: 14.4
Date Sampled: 10/05/2006 0920
Date Received: 10/06/2006 0847

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5035
Dilution: 1.0
Date Analyzed: 10/06/2006 1501
Date Prepared: 10/06/2006 1212

Analysis Batch: 680-56773
Prep Batch: 680-56790

Instrument ID: GC/MS Volatiles - L
Lab File ID: l0991.d
Initial Weight/Volume: 5.1 g
Final Weight/Volume: 5 g

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		56	U	3.4	56
Acetonitrile		220	U	31	220
Acrolein		110	U	12	110
Bromobenzene		5.6	U	1.0	5.6
Bromochloromethane		5.6	U	1.1	5.6
Acrylonitrile		110	U	18	110
Benzene		5.6	U	0.97	5.6
Dichlorobromomethane		5.6	U	1.1	5.6
Bromoform		5.6	U	2.5	5.6
Methyl bromide		5.6	U	1.5	5.6
n-Butylbenzene		5.6	U	1.1	5.6
Methyl Ethyl Ketone		28	U	4.5	28
Carbon disulfide		5.6	U	1.1	5.6
sec-Butylbenzene		5.6	U	1.2	5.6
Carbon tetrachloride		5.6	U	1.0	5.6
tert-Butylbenzene		5.6	U	1.3	5.6
Chlorobenzene		5.6	U	0.77	5.6
Chloroethane		5.6	U	1.7	5.6
Chloroform		5.6	U	0.99	5.6
Methyl chloride		5.6	U	0.79	5.6
Allyl chloride		5.6	U	1.3	5.6
Chlorodibromomethane		5.6	U	1.2	5.6
1,2-Dibromo-3-Chloropropane		11	U	5.2	11
1,2-Dibromoethane		5.6	U	1.6	5.6
2-Chlorotoluene		5.6	U	1.6	5.6
Methylene bromide		5.6	U	1.5	5.6
trans-1,4-Dichloro-2-butene		11	U	4.5	11
4-Chlorotoluene		5.6	U	0.88	5.6
Dichlorodifluoromethane		5.6	U	2.8	5.6
1,1-Dichloroethane		5.6	U	1.1	5.6
1,2-Dichloroethane		5.6	U	1.3	5.6
1,1-Dichloroethylene		5.6	U	1.2	5.6
o-Dichlorobenzene		5.6	U	2.0	5.6
trans-1,2-Dichloroethylene		5.6	U	1.2	5.6
m-Dichlorobenzene		5.6	U	1.2	5.6
1,2-Dichloropropane		5.6	U	1.5	5.6
cis-1,3-Dichloropropene		5.6	U	1.0	5.6
p-Dichlorobenzene		5.6	U	1.6	5.6
trans-1,3-Dichloropropene		5.6	U	1.2	5.6
Ethylbenzene		5.6	U	0.98	5.6
Ethyl methacrylate		5.6	U	0.86	5.6
2-Hexanone		28	U	6.1	28
Methyl iodide		5.6	U	1.1	5.6

Analytical Data

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Client Sample ID: **FLSS17-L13-B2R**

Lab Sample ID: 680-20904-2
Client Matrix: Solid
% Moisture: 14.4
Date Sampled: 10/05/2006 0920
Date Received: 10/06/2006 0847

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5035
Dilution: 1.0
Date Analyzed: 10/06/2006 1501
Date Prepared: 10/06/2006 1212

Analysis Batch: 680-56773
Prep Batch: 680-56790

Instrument ID: GC/MS Volatiles - L
Lab File ID: l0991.d
Initial Weight/Volume: 5.1 g
Final Weight/Volume: 5 g

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
cis-Dichloroethylene		5.6	U	0.99	5.6
Methacrylonitrile		110	U	18	110
Methylene Chloride		5.6	U	1.8	5.6
Methyl methacrylate		5.6	U	1.9	5.6
1,3-Dichloropropane		5.6	U	1.3	5.6
4-Methyl-2-pentanone (MIBK)		28	U	6.5	28
Pentachloroethane		28	U	5.2	28
2,2-Dichloropropane		5.6	U	1.3	5.6
Propionitrile		110	U	26	110
1,1-Dichloropropene		5.6	U *	1.6	5.6
Styrene		5.6	U	0.95	5.6
1,1,1,2-Tetrachloroethane		5.6	U	1.6	5.6
1,1,2,2-Tetrachloroethane		5.6	U	1.1	5.6
Tetrachloroethylene		5.6	U	1.1	5.6
Toluene		5.6	U	1.1	5.6
Hexachlorobutadiene		5.6	U	1.8	5.6
1,1,1-Trichloroethane		5.6	U	0.95	5.6
1,1,2-Trichloroethane		5.6	U	1.3	5.6
Trichloroethylene		1.7	J	1.3	5.6
Isopropylbenzene		5.6	U	1.1	5.6
Trichlorofluoromethane		5.6	U	1.6	5.6
1,2,3-Trichloropropane		5.6	U	3.0	5.6
p-Isopropyltoluene		5.6	U	1.3	5.6
Vinyl acetate		11	U	2.1	11
Vinyl chloride		5.6	U	1.0	5.6
Methyl tert-butyl ether		56	U	2.0	56
Naphthalene		5.6	U	3.8	5.6
N-Propylbenzene		5.6	U	1.3	5.6
1,2,3-Trichlorobenzene		5.6	U	1.1	5.6
1,2,4-Trichlorobenzene		5.6	U	2.5	5.6
Freon 113		5.6	U	1.1	5.6
1,2,4-Trimethylbenzene		5.6	U	1.1	5.6
1,3,5-Trimethylbenzene		5.6	U	1.5	5.6
o-Xylene		5.6	U	1.6	5.6
m-Xylene & p-Xylene		11	U	2.2	11
1-Chlorohexane		5.6	U	0.88	5.6
Hexane		5.6	U	2.6	5.6

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	96	68 - 121
Dibromofluoromethane	107	66 - 127
Toluene-d8 (Surr)	90	65 - 128

Analytical Data

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Client Sample ID: **FLSS17-L13-B3R**

Lab Sample ID: 680-20904-3
Client Matrix: Solid
% Moisture: 29.1
Date Sampled: 10/05/2006 0930
Date Received: 10/06/2006 0847

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5035
Dilution: 1.0
Date Analyzed: 10/06/2006 1521
Date Prepared: 10/06/2006 1212

Analysis Batch: 680-56773
Prep Batch: 680-56790

Instrument ID: GC/MS Volatiles - L
Lab File ID: l0992.d
Initial Weight/Volume: 4.9 g
Final Weight/Volume: 5 g

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		73	U	4.4	73
Acetonitrile		290	U	41	290
Acrolein		150	U	16	150
Bromobenzene		7.3	U	1.4	7.3
Bromochloromethane		7.3	U	1.4	7.3
Acrylonitrile		150	U	23	150
Benzene		7.3	U	1.3	7.3
Dichlorobromomethane		7.3	U	1.5	7.3
Bromoform		7.3	U	3.2	7.3
Methyl bromide		7.3	U	1.9	7.3
n-Butylbenzene		7.3	U	1.5	7.3
Methyl Ethyl Ketone		37	U	5.9	37
Carbon disulfide		7.3	U	1.5	7.3
sec-Butylbenzene		7.3	U	1.6	7.3
Carbon tetrachloride		7.3	U	1.3	7.3
tert-Butylbenzene		7.3	U	1.8	7.3
Chlorobenzene		7.3	U	1.0	7.3
Chloroethane		7.3	U	2.2	7.3
Chloroform		7.3	U	1.3	7.3
Methyl chloride		7.3	U	1.0	7.3
Allyl chloride		7.3	U	1.8	7.3
Chlorodibromomethane		7.3	U	1.6	7.3
1,2-Dibromo-3-Chloropropane		15	U	6.8	15
1,2-Dibromoethane		7.3	U	2.1	7.3
2-Chlorotoluene		7.3	U	2.1	7.3
Methylene bromide		7.3	U	1.9	7.3
trans-1,4-Dichloro-2-butene		15	U	5.9	15
4-Chlorotoluene		7.3	U	1.1	7.3
Dichlorodifluoromethane		7.3	U	3.7	7.3
1,1-Dichloroethane		7.3	U	1.5	7.3
1,2-Dichloroethane		7.3	U	1.8	7.3
1,1-Dichloroethylene		7.3	U	1.6	7.3
o-Dichlorobenzene		7.3	U	2.6	7.3
trans-1,2-Dichloroethylene		7.3	U	1.6	7.3
m-Dichlorobenzene		7.3	U	1.6	7.3
1,2-Dichloropropane		7.3	U	1.9	7.3
cis-1,3-Dichloropropene		7.3	U	1.3	7.3
p-Dichlorobenzene		7.3	U	2.1	7.3
trans-1,3-Dichloropropene		7.3	U	1.6	7.3
Ethylbenzene		7.3	U	1.3	7.3
Ethyl methacrylate		7.3	U	1.1	7.3
2-Hexanone		37	U	7.9	37
Methyl iodide		7.3	U	1.5	7.3

Analytical Data

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Client Sample ID: **FLSS17-L13-B3R**

Lab Sample ID:	680-20904-3			Date Sampled:	10/05/2006 0930
Client Matrix:	Solid	% Moisture:	29.1	Date Received:	10/06/2006 0847

8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch: 680-56773		Instrument ID:	GC/MS Volatiles - L
Preparation:	5035	Prep Batch: 680-56790		Lab File ID:	l0992.d
Dilution:	1.0			Initial Weight/Volume:	4.9 g
Date Analyzed:	10/06/2006 1521			Final Weight/Volume:	5 g
Date Prepared:	10/06/2006 1212				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
cis-Dichloroethylene		7.3	U	1.3	7.3
Methacrylonitrile		150	U	23	150
Methylene Chloride		7.3	U	2.3	7.3
Methyl methacrylate		7.3	U	2.4	7.3
1,3-Dichloropropane		7.3	U	1.8	7.3
4-Methyl-2-pentanone (MIBK)		37	U	8.5	37
Pentachloroethane		37	U	6.8	37
2,2-Dichloropropane		7.3	U	1.8	7.3
Propionitrile		150	U	34	150
1,1-Dichloropropene		7.3	U *	2.1	7.3
Styrene		7.3	U	1.2	7.3
1,1,1,2-Tetrachloroethane		7.3	U	2.1	7.3
1,1,2,2-Tetrachloroethane		7.3	U	1.5	7.3
Tetrachloroethylene		7.3	U	1.5	7.3
Toluene		7.3	U	1.5	7.3
Hexachlorobutadiene		7.3	U	2.3	7.3
1,1,1-Trichloroethane		7.3	U	1.2	7.3
1,1,2-Trichloroethane		7.3	U	1.8	7.3
Trichloroethylene		7.3	U	1.8	7.3
Isopropylbenzene		7.3	U	1.5	7.3
Trichlorofluoromethane		7.3	U	2.1	7.3
1,2,3-Trichloropropane		7.3	U	4.0	7.3
p-Isopropyltoluene		7.3	U	1.8	7.3
Vinyl acetate		15	U	2.8	15
Vinyl chloride		7.3	U	1.4	7.3
Methyl tert-butyl ether		73	U	2.6	73
Naphthalene		7.3	U	5.0	7.3
N-Propylbenzene		7.3	U	1.8	7.3
1,2,3-Trichlorobenzene		7.3	U	1.5	7.3
1,2,4-Trichlorobenzene		7.3	U	3.2	7.3
Freon 113		7.3	U	1.5	7.3
1,2,4-Trimethylbenzene		7.3	U	1.5	7.3
1,3,5-Trimethylbenzene		7.3	U	1.9	7.3
o-Xylene		7.3	U	2.1	7.3
m-Xylene & p-Xylene		15	U	2.9	15
1-Chlorohexane		7.3	U	1.1	7.3
Hexane		7.3	U	3.4	7.3

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	94	68 - 121
Dibromofluoromethane	97	66 - 127
Toluene-d8 (Surr)	83	65 - 128

Analytical Data

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Client Sample ID: **FLSS17-L13-B4R**

Lab Sample ID: 680-20904-4
Client Matrix: Solid
% Moisture: 32.2
Date Sampled: 10/05/2006 0940
Date Received: 10/06/2006 0847

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5035
Dilution: 1.0
Date Analyzed: 10/06/2006 1542
Date Prepared: 10/06/2006 1212

Analysis Batch: 680-56773
Prep Batch: 680-56790

Instrument ID: GC/MS Volatiles - L
Lab File ID: I0993.d
Initial Weight/Volume: 4.6 g
Final Weight/Volume: 5 g

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		87	U	5.2	87
Acetonitrile		350	U	49	350
Acrolein		170	U	19	170
Bromobenzene		8.7	U	1.6	8.7
Bromochloromethane		8.7	U	1.7	8.7
Acrylonitrile		170	U	27	170
Benzene		8.7	U	1.5	8.7
Dichlorobromomethane		8.7	U	1.7	8.7
Bromoform		8.7	U	3.8	8.7
Methyl bromide		8.7	U	2.3	8.7
n-Butylbenzene		8.7	U	1.7	8.7
Methyl Ethyl Ketone		44	U	7.0	44
Carbon disulfide		8.7	U	1.7	8.7
sec-Butylbenzene		8.7	U	1.9	8.7
Carbon tetrachloride		8.7	U	1.6	8.7
tert-Butylbenzene		8.7	U	2.1	8.7
Chlorobenzene		8.7	U	1.2	8.7
Chloroethane		8.7	U	2.6	8.7
Chloroform		8.7	U	1.5	8.7
Methyl chloride		8.7	U	1.2	8.7
Allyl chloride		8.7	U	2.1	8.7
Chlorodibromomethane		8.7	U	1.9	8.7
1,2-Dibromo-3-Chloropropane		17	U	8.0	17
1,2-Dibromoethane		8.7	U	2.4	8.7
2-Chlorotoluene		8.7	U	2.4	8.7
Methylene bromide		8.7	U	2.3	8.7
trans-1,4-Dichloro-2-butene		17	U	7.0	17
4-Chlorotoluene		8.7	U	1.4	8.7
Dichlorodifluoromethane		8.7	U	4.4	8.7
1,1-Dichloroethane		8.7	U	1.7	8.7
1,2-Dichloroethane		8.7	U	2.1	8.7
1,1-Dichloroethylene		8.7	U	1.9	8.7
o-Dichlorobenzene		8.7	U	3.1	8.7
trans-1,2-Dichloroethylene		8.7	U	1.9	8.7
m-Dichlorobenzene		8.7	U	1.9	8.7
1,2-Dichloropropane		8.7	U	2.3	8.7
cis-1,3-Dichloropropene		8.7	U	1.6	8.7
p-Dichlorobenzene		8.7	U	2.4	8.7
trans-1,3-Dichloropropene		8.7	U	1.9	8.7
Ethylbenzene		8.7	U	1.5	8.7
Ethyl methacrylate		8.7	U	1.3	8.7
2-Hexanone		44	U	9.4	44
Methyl iodide		8.7	U	1.7	8.7

Analytical Data

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Client Sample ID: **FLSS17-L13-B4R**

Lab Sample ID:	680-20904-4			Date Sampled:	10/05/2006 0940
Client Matrix:	Solid	% Moisture:	32.2	Date Received:	10/06/2006 0847

8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch: 680-56773		Instrument ID:	GC/MS Volatiles - L
Preparation:	5035	Prep Batch: 680-56790		Lab File ID:	I0993.d
Dilution:	1.0			Initial Weight/Volume:	4.6 g
Date Analyzed:	10/06/2006 1542			Final Weight/Volume:	5 g
Date Prepared:	10/06/2006 1212				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
cis-Dichloroethylene		8.7	U	1.5	8.7
Methacrylonitrile		170	U	28	170
Methylene Chloride		8.7	U	2.8	8.7
Methyl methacrylate		8.7	U	2.9	8.7
1,3-Dichloropropane		8.7	U	2.1	8.7
4-Methyl-2-pentanone (MIBK)		44	U	10	44
Pentachloroethane		44	U	8.0	44
2,2-Dichloropropane		8.7	U	2.1	8.7
Propionitrile		170	U	40	170
1,1-Dichloropropene		8.7	U *	2.4	8.7
Styrene		8.7	U	1.5	8.7
1,1,1,2-Tetrachloroethane		8.7	U	2.4	8.7
1,1,2,2-Tetrachloroethane		8.7	U	1.7	8.7
Tetrachloroethylene		8.7	U	1.7	8.7
Toluene		8.7	U	1.7	8.7
Hexachlorobutadiene		8.7	U	2.8	8.7
1,1,1-Trichloroethane		8.7	U	1.5	8.7
1,1,2-Trichloroethane		8.7	U	2.1	8.7
Trichloroethylene		8.7	U	2.1	8.7
Isopropylbenzene		8.7	U	1.7	8.7
Trichlorofluoromethane		8.7	U	2.4	8.7
1,2,3-Trichloropropane		8.7	U	4.7	8.7
p-Isopropyltoluene		5.7	J	2.1	8.7
Vinyl acetate		17	U	3.3	17
Vinyl chloride		8.7	U	1.6	8.7
Methyl tert-butyl ether		87	U	3.1	87
Naphthalene		8.7	U	5.9	8.7
N-Propylbenzene		8.7	U	2.1	8.7
1,2,3-Trichlorobenzene		8.7	U	1.7	8.7
1,2,4-Trichlorobenzene		8.7	U	3.8	8.7
Freon 113		8.7	U	1.7	8.7
1,2,4-Trimethylbenzene		8.7	U	1.7	8.7
1,3,5-Trimethylbenzene		73		2.3	8.7
o-Xylene		8.7	U	2.4	8.7
m-Xylene & p-Xylene		17	U	3.5	17
1-Chlorohexane		8.7	U	1.4	8.7
Hexane		8.7	U	4.0	8.7

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	97	68 - 121
Dibromofluoromethane	99	66 - 127
Toluene-d8 (Surr)	93	65 - 128

Analytical Data

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Client Sample ID: **Trip Blank**

Lab Sample ID: 680-20904-5
Client Matrix: Water

Date Sampled: 10/05/2006 0910
Date Received: 10/06/2006 0847

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 10/10/2006 1227
Date Prepared: 10/10/2006 1227

Analysis Batch: 680-56985

Instrument ID: GC/MS Volatiles - A
Lab File ID: a644.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzene	1.0	U	0.54	1.0
Methyl bromide	1.0	U	0.93	1.0
Methyl chloride	1.0	U	0.53	1.0
Allyl chloride	1.0	U	0.35	1.0
Acetone	25	U	7.3	25
Acetonitrile	40	U	0.23	40
Acrolein	20	U	12	20
Bromobenzene	1.0	U	0.45	1.0
Bromochloromethane	1.0	U	0.25	1.0
Acrylonitrile	20	U	3.2	20
Dichlorobromomethane	1.0	U	0.42	1.0
Bromoform	1.0	U	0.36	1.0
n-Butylbenzene	1.0	U	0.38	1.0
Methyl Ethyl Ketone	10	U	0.72	10
Carbon disulfide	2.0	U	0.75	2.0
sec-Butylbenzene	1.0	U	0.60	1.0
Carbon tetrachloride	1.0	U	0.91	1.0
tert-Butylbenzene	1.0	U	0.63	1.0
Chlorobenzene	1.0	U	0.41	1.0
Chloroethane	1.0	U	0.89	1.0
Chloroform	1.0	U	0.52	1.0
Dibromochloromethane	1.0	U	0.40	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.65	1.0
1,2-Dibromoethane	1.0	U	0.34	1.0
o-Chlorotoluene	1.0	U	0.58	1.0
Methylene bromide	1.0	U	0.33	1.0
trans-1,4-Dichloro-2-butene	2.0	U	0.80	2.0
p-Chlorotoluene	1.0	U	0.44	1.0
Dichlorodifluoromethane	1.0	U	0.73	1.0
1,1-Dichloroethane	1.0	U	0.56	1.0
1,2-Dichloroethane	1.0	U	0.28	1.0
1,1-Dichlorethylene	1.0	U	0.93	1.0
o-Dichlorobenzene	1.0	U	0.21	1.0
trans-1-2-Dichloroethylene	1.0	U	0.80	1.0
m-Dichlorobenzene	1.0	U	0.28	1.0
1,2-Dichloropropane	1.0	U	0.26	1.0
cis-1,3-Dichloropropene	1.0	U	0.41	1.0
p-Dichlorobenzene	1.0	U	0.44	1.0
trans-1,3-Dichloropropene	1.0	U	0.36	1.0
Ethylbenzene	1.0	U	0.62	1.0
Ethyl methacrylate	1.0	U	0.33	1.0
2-Hexanone	10	U	0.39	10
Methyl iodide	5.0	U	0.96	5.0

Analytical Data

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Client Sample ID: **Trip Blank**

Lab Sample ID: 680-20904-5
Client Matrix: Water

Date Sampled: 10/05/2006 0910
Date Received: 10/06/2006 0847

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 10/10/2006 1227
Date Prepared: 10/10/2006 1227

Analysis Batch: 680-56985

Instrument ID: GC/MS Volatiles - A
Lab File ID: a644.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
cis-1,2-Dichloroethylene	1.0	U	0.55	1.0
Methacrylonitrile	20	U	9.1	20
Methylene Chloride	5.0	U	0.44	5.0
Methyl methacrylate	1.0	U	0.36	1.0
1,3-Dichloropropane	1.0	U	0.31	1.0
4-Methyl-2-pentanone	10	U *	0.45	10
Pentachloroethane	5.0	U	1.0	5.0
2,2-Dichloropropane	1.0	U	0.86	1.0
Propionitrile	20	U	10	20
1,1-Dichloropropene	1.0	U	0.80	1.0
Styrene	1.0	U	0.42	1.0
1,1,1,2-Tetrachloroethane	1.0	U	0.53	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.21	1.0
Tetrachloroethylene	1.0	U	0.75	1.0
Toluene	1.0	U	0.62	1.0
Hexachlorobutadiene	1.0	U	0.50	1.0
1,1,1-Trichloroethane	1.0	U	0.79	1.0
1,1,2-Trichloroethane	1.0	U	0.37	1.0
Trichloroethylene	1.0	U	0.71	1.0
Isopropylbenzene	1.0	U	0.66	1.0
Trichlorofluoromethane	1.0	U	0.96	1.0
1,2,3-Trichloropropane	1.0	U	0.44	1.0
p-Isopropyltoluene	1.0	U	0.52	1.0
Vinyl acetate	2.0	U	0.70	2.0
Vinyl chloride	1.0	U	0.92	1.0
Methyl tert-butyl ether	10	U	0.45	10
Naphthalene	5.0	U	0.12	5.0
N-Propylbenzene	1.0	U	0.45	1.0
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2,4-Trichlorobenzene	1.0	U	0.28	1.0
Freon 113	1.0	U	0.10	1.0
1,2,4-Trimethylbenzene	1.0	U	0.44	1.0
1,3,5-Trimethylbenzene	1.0	U	0.49	1.0
o-Xylene	1.0	U	0.49	1.0
m-Xylene & p-Xylene	2.0	U	1.3	2.0
1-Chlorohexane	1.0	U	0.42	1.0
Hexane	5.0	U	5.0	5.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	94	77 - 120
Dibromofluoromethane	114	75 - 123
Toluene-d8 (Surr)	99	79 - 122

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Client Sample ID: **WPOL-SW20**

Lab Sample ID: 680-20904-6
Client Matrix: Solid
% Moisture: 34.4
Date Sampled: 10/05/2006 1100
Date Received: 10/06/2006 0847

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5035
Dilution: 200
Date Analyzed: 10/10/2006 1553
Date Prepared: 10/06/2006 1212

Analysis Batch: 680-56975
Prep Batch: 680-56790

Instrument ID: GC/MS Volatiles - L
Lab File ID: I1049.d
Initial Weight/Volume: 4.3 g
Final Weight/Volume: 5 g

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		18000	U	1100	18000
Acetonitrile		71000	U	9900	71000
Acrolein		35000	U	3900	35000
Bromobenzene		1800	U	330	1800
Bromochloromethane		1800	U	340	1800
Acrylonitrile		35000	U	5600	35000
Benzene		1800	U	300	1800
Dichlorobromomethane		1800	U	350	1800
Bromoform		1800	U	780	1800
Methyl bromide		1800	U	460	1800
Methyl Ethyl Ketone		8900	U	1400	8900
n-Butylbenzene		9100		350	1800
Carbon disulfide		1800	U	350	1800
sec-Butylbenzene		7900		390	1800
Carbon tetrachloride		1800	U	320	1800
tert-Butylbenzene		1800	U	430	1800
Chlorobenzene		1800	U	240	1800
Chloroethane		1800	U	530	1800
Chloroform		1800	U	310	1800
Methyl chloride		1800	U	250	1800
Allyl chloride		1800	U	430	1800
Chlorodibromomethane		1800	U	390	1800
1,2-Dibromo-3-Chloropropane		3500	U	1600	3500
1,2-Dibromoethane		1800	U	500	1800
2-Chlorotoluene		1800	U	500	1800
Methylene bromide		1800	U	460	1800
trans-1,4-Dichloro-2-butene		3500	U	1400	3500
4-Chlorotoluene		1800	U	280	1800
Dichlorodifluoromethane		1800	U *	890	1800
1,1-Dichloroethane		1800	U	350	1800
1,2-Dichloroethane		1800	U	430	1800
1,1-Dichloroethylene		1800	U	390	1800
o-Dichlorobenzene		1800	U	640	1800
trans-1,2-Dichloroethylene		1800	U	390	1800
m-Dichlorobenzene		1800	U	390	1800
1,2-Dichloropropane		1800	U	460	1800
cis-1,3-Dichloropropene		1800	U	320	1800
p-Dichlorobenzene		1800	U	500	1800
trans-1,3-Dichloropropene		1800	U	390	1800
Ethylbenzene		2600		310	1800
Ethyl methacrylate		1800	U	270	1800
2-Hexanone		8900	U	1900	8900
Methyl iodide		1800	U	350	1800

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Client Sample ID: **WPOL-SW20**

Lab Sample ID: 680-20904-6
Client Matrix: Solid
% Moisture: 34.4
Date Sampled: 10/05/2006 1100
Date Received: 10/06/2006 0847

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5035
Dilution: 200
Date Analyzed: 10/10/2006 1553
Date Prepared: 10/06/2006 1212

Analysis Batch: 680-56975
Prep Batch: 680-56790

Instrument ID: GC/MS Volatiles - L
Lab File ID: I1049.d
Initial Weight/Volume: 4.3 g
Final Weight/Volume: 5 g

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
cis-Dichloroethylene		1800	U	310	1800
Methacrylonitrile		35000	U	5700	35000
Methylene Chloride		1800	U	570	1800
Methyl methacrylate		1800	U	590	1800
1,3-Dichloropropane		1800	U	430	1800
4-Methyl-2-pentanone (MIBK)		8900	U	2100	8900
Pentachloroethane		8900	U	1600	8900
2,2-Dichloropropane		1800	U	430	1800
Propionitrile		35000	U	8200	35000
1,1-Dichloropropene		1800	U	500	1800
Styrene		1800	U	300	1800
1,1,1,2-Tetrachloroethane		1800	U	500	1800
1,1,2,2-Tetrachloroethane		1800	U	350	1800
Tetrachloroethylene		1800	U	350	1800
Toluene		1800	U	350	1800
Hexachlorobutadiene		1800	U	570	1800
1,1,1-Trichloroethane		1800	U	300	1800
1,1,2-Trichloroethane		1800	U	430	1800
Trichloroethylene		1800	U	430	1800
Trichlorofluoromethane		1800	U	500	1800
Isopropylbenzene		2000		350	1800
1,2,3-Trichloropropane		1800	U	960	1800
p-Isopropyltoluene		6500		430	1800
Vinyl acetate		3500	U	670	3500
Vinyl chloride		1800	U	330	1800
Methyl tert-butyl ether		18000	U	640	18000
Naphthalene		1800	U	1200	1800
N-Propylbenzene		3400		430	1800
1,2,3-Trichlorobenzene		1800	U	350	1800
1,2,4-Trichlorobenzene		1800	U	780	1800
Freon 113		1800	U	350	1800
1,2,4-Trimethylbenzene		1800	U	350	1800
1,3,5-Trimethylbenzene		4100		460	1800
o-Xylene		1800	U	500	1800
m-Xylene & p-Xylene		3500	U	710	3500
1-Chlorohexane		1800	U	280	1800
Hexane		1800	U	820	1800

Surrogate	%Rec		Acceptance Limits
4-Bromofluorobenzene	128	X	68 - 121
Dibromofluoromethane	92		66 - 127
Toluene-d8 (Surr)	108		65 - 128

Analytical Data

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Client Sample ID: **WPOL-SW20**

Lab Sample ID: 680-20904-6
Client Matrix: Solid
% Moisture: 34.4
Date Sampled: 10/05/2006 1100
Date Received: 10/06/2006 0847

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5035
Dilution: 200
Date Analyzed: 10/10/2006 1655
Date Prepared: 10/06/2006 1212

Analysis Batch: 680-56975
Prep Batch: 680-56790
Run Type: RA

Instrument ID: GC/MS Volatiles - L
Lab File ID: I1052.d
Initial Weight/Volume: 4.3 g
Final Weight/Volume: 5 g

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		18000	U	1100	18000
Acetonitrile		71000	U	9900	71000
Acrolein		35000	U	3900	35000
Bromobenzene		1800	U	330	1800
Bromochloromethane		1800	U	340	1800
Acrylonitrile		35000	U	5600	35000
Benzene		1800	U	300	1800
Dichlorobromomethane		1800	U	350	1800
Bromoform		1800	U	780	1800
Methyl bromide		1800	U	460	1800
Methyl Ethyl Ketone		8900	U	1400	8900
n-Butylbenzene		9300		350	1800
Carbon disulfide		1800	U	350	1800
sec-Butylbenzene		7300		390	1800
Carbon tetrachloride		1800	U	320	1800
tert-Butylbenzene		1800	U	430	1800
Chlorobenzene		1800	U	240	1800
Chloroethane		1800	U	530	1800
Chloroform		1800	U	310	1800
Methyl chloride		1800	U	250	1800
Allyl chloride		1800	U	430	1800
Chlorodibromomethane		1800	U	390	1800
1,2-Dibromo-3-Chloropropane		3500	U	1600	3500
1,2-Dibromoethane		1800	U	500	1800
2-Chlorotoluene		1800	U	500	1800
Methylene bromide		1800	U	460	1800
trans-1,4-Dichloro-2-butene		3500	U	1400	3500
4-Chlorotoluene		1800	U	280	1800
Dichlorodifluoromethane		1800	U *	890	1800
1,1-Dichloroethane		1800	U	350	1800
1,2-Dichloroethane		1800	U	430	1800
1,1-Dichloroethylene		1800	U	390	1800
o-Dichlorobenzene		1800	U	640	1800
trans-1,2-Dichloroethylene		1800	U	390	1800
m-Dichlorobenzene		1800	U	390	1800
1,2-Dichloropropane		1800	U	460	1800
cis-1,3-Dichloropropene		1800	U	320	1800
p-Dichlorobenzene		1800	U	500	1800
trans-1,3-Dichloropropene		1800	U	390	1800
Ethylbenzene		2500		310	1800
Ethyl methacrylate		1800	U	270	1800
2-Hexanone		8900	U	1900	8900
Methyl iodide		1800	U	350	1800

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Client Sample ID: **WPOL-SW20**

Lab Sample ID:	680-20904-6			Date Sampled:	10/05/2006 1100
Client Matrix:	Solid	% Moisture:	34.4	Date Received:	10/06/2006 0847

8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch: 680-56975		Instrument ID:	GC/MS Volatiles - L
Preparation:	5035	Prep Batch: 680-56790		Lab File ID:	I1052.d
Dilution:	200			Initial Weight/Volume:	4.3 g
Date Analyzed:	10/10/2006 1655	Run Type:	RA	Final Weight/Volume:	5 g
Date Prepared:	10/06/2006 1212				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
cis-Dichloroethylene		1800	U	310	1800
Methacrylonitrile		35000	U	5700	35000
Methylene Chloride		1800	U	570	1800
Methyl methacrylate		1800	U	590	1800
1,3-Dichloropropane		1800	U	430	1800
4-Methyl-2-pentanone (MIBK)		8900	U	2100	8900
Pentachloroethane		8900	U	1600	8900
2,2-Dichloropropane		1800	U	430	1800
Propionitrile		35000	U	8200	35000
1,1-Dichloropropene		1800	U	500	1800
Styrene		1800	U	300	1800
1,1,1,2-Tetrachloroethane		1800	U	500	1800
1,1,2,2-Tetrachloroethane		1800	U	350	1800
Tetrachloroethylene		1800	U	350	1800
Toluene		1800	U	350	1800
Hexachlorobutadiene		1800	U	570	1800
1,1,1-Trichloroethane		1800	U	300	1800
1,1,2-Trichloroethane		1800	U	430	1800
Trichloroethylene		1800	U	430	1800
Trichlorofluoromethane		1800	U	500	1800
Isopropylbenzene		1900		350	1800
1,2,3-Trichloropropane		1800	U	960	1800
p-Isopropyltoluene		6100		430	1800
Vinyl acetate		3500	U	670	3500
Vinyl chloride		1800	U	330	1800
Methyl tert-butyl ether		18000	U	640	18000
Naphthalene		1800	U	1200	1800
N-Propylbenzene		3700		430	1800
1,2,3-Trichlorobenzene		1800	U	350	1800
1,2,4-Trichlorobenzene		1800	U	780	1800
Freon 113		1800	U	350	1800
1,2,4-Trimethylbenzene		12000		350	1800
1,3,5-Trimethylbenzene		4000		460	1800
o-Xylene		1800	U	500	1800
m-Xylene & p-Xylene		2000	J	710	3500
1-Chlorohexane		1800	U	280	1800
Hexane		1800	U	820	1800

Surrogate	%Rec		Acceptance Limits
4-Bromofluorobenzene	122	X	68 - 121
Dibromofluoromethane	100		66 - 127
Toluene-d8 (Surr)	109		65 - 128

Analytical Data

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Client Sample ID: **WPOL-SW21**

Lab Sample ID: 680-20904-7
Client Matrix: Solid
% Moisture: 28.9
Date Sampled: 10/05/2006 1115
Date Received: 10/06/2006 0847

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5035
Dilution: 1.0
Date Analyzed: 10/06/2006 1602
Date Prepared: 10/06/2006 1212

Analysis Batch: 680-56773
Prep Batch: 680-56790

Instrument ID: GC/MS Volatiles - L
Lab File ID: l0994.d
Initial Weight/Volume: 5.5 g
Final Weight/Volume: 5 g

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		58	U	3.5	58
Acetonitrile		230	U	33	230
Acrolein		120	U	13	120
Bromobenzene		5.8	U	1.1	5.8
Bromochloromethane		5.8	U	1.1	5.8
Acrylonitrile		120	U	18	120
Benzene		5.8	U	1.0	5.8
Dichlorobromomethane		5.8	U	1.2	5.8
Bromoform		5.8	U	2.6	5.8
Methyl bromide		5.8	U	1.5	5.8
n-Butylbenzene		5.8	U	1.2	5.8
Methyl Ethyl Ketone		29	U	4.7	29
Carbon disulfide		3.5	J	1.2	5.8
sec-Butylbenzene		1.7	J	1.3	5.8
Carbon tetrachloride		5.8	U	1.0	5.8
tert-Butylbenzene		5.8	U	1.4	5.8
Chlorobenzene		5.8	U	0.80	5.8
Chloroethane		5.8	U	1.7	5.8
Chloroform		5.8	U	1.0	5.8
Methyl chloride		5.8	U	0.81	5.8
Allyl chloride		5.8	U	1.4	5.8
Chlorodibromomethane		5.8	U	1.3	5.8
1,2-Dibromo-3-Chloropropane		12	U	5.3	12
1,2-Dibromoethane		5.8	U	1.6	5.8
2-Chlorotoluene		5.8	U	1.6	5.8
Methylene bromide		5.8	U	1.5	5.8
trans-1,4-Dichloro-2-butene		12	U	4.7	12
4-Chlorotoluene		5.8	U	0.91	5.8
Dichlorodifluoromethane		5.8	U	2.9	5.8
1,1-Dichloroethane		5.8	U	1.2	5.8
1,2-Dichloroethane		5.8	U	1.4	5.8
1,1-Dichloroethylene		5.8	U	1.3	5.8
o-Dichlorobenzene		5.8	U	2.1	5.8
trans-1,2-Dichloroethylene		5.8	U	1.3	5.8
m-Dichlorobenzene		5.8	U	1.3	5.8
1,2-Dichloropropane		5.8	U	1.5	5.8
cis-1,3-Dichloropropene		5.8	U	1.1	5.8
p-Dichlorobenzene		5.8	U	1.6	5.8
trans-1,3-Dichloropropene		5.8	U	1.3	5.8
Ethylbenzene		5.8	U	1.0	5.8
Ethyl methacrylate		5.8	U	0.90	5.8
2-Hexanone		29	U	6.3	29
Methyl iodide		5.8	U	1.2	5.8

Analytical Data

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Client Sample ID: **WPOL-SW21**

Lab Sample ID: 680-20904-7
Client Matrix: Solid
% Moisture: 28.9
Date Sampled: 10/05/2006 1115
Date Received: 10/06/2006 0847

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5035
Dilution: 1.0
Date Analyzed: 10/06/2006 1602
Date Prepared: 10/06/2006 1212

Analysis Batch: 680-56773
Prep Batch: 680-56790

Instrument ID: GC/MS Volatiles - L
Lab File ID: l0994.d
Initial Weight/Volume: 5.5 g
Final Weight/Volume: 5 g

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
cis-Dichloroethylene		5.8	U	1.0	5.8
Methacrylonitrile		120	U	19	120
Methylene Chloride		5.8	U	1.9	5.8
Methyl methacrylate		5.8	U	1.9	5.8
1,3-Dichloropropane		5.8	U	1.4	5.8
4-Methyl-2-pentanone (MIBK)		29	U	6.7	29
Pentachloroethane		29	U	5.3	29
2,2-Dichloropropane		5.8	U	1.4	5.8
Propionitrile		120	U	27	120
1,1-Dichloropropene		5.8	U *	1.6	5.8
Styrene		5.8	U	0.99	5.8
1,1,1,2-Tetrachloroethane		5.8	U	1.6	5.8
1,1,2,2-Tetrachloroethane		5.8	U	1.2	5.8
Tetrachloroethylene		5.8	U	1.2	5.8
Toluene		5.8	U	1.2	5.8
Hexachlorobutadiene		5.8	U	1.9	5.8
1,1,1-Trichloroethane		5.8	U	0.99	5.8
1,1,2-Trichloroethane		5.8	U	1.4	5.8
Trichloroethylene		5.8	U	1.4	5.8
Isopropylbenzene		5.8	U	1.2	5.8
Trichlorofluoromethane		5.8	U	1.6	5.8
1,2,3-Trichloropropane		5.8	U	3.1	5.8
p-Isopropyltoluene		5.8	U	1.4	5.8
Vinyl acetate		12	U	2.2	12
Vinyl chloride		5.8	U	1.1	5.8
Methyl tert-butyl ether		58	U	2.1	58
Naphthalene		5.8	U	4.0	5.8
N-Propylbenzene		5.8	U	1.4	5.8
1,2,3-Trichlorobenzene		5.8	U	1.2	5.8
1,2,4-Trichlorobenzene		5.8	U	2.6	5.8
Freon 113		5.8	U	1.2	5.8
1,2,4-Trimethylbenzene		5.8	U	1.2	5.8
1,3,5-Trimethylbenzene		5.8	U	1.5	5.8
o-Xylene		5.8	U	1.6	5.8
m-Xylene & p-Xylene		12	U	2.3	12
1-Chlorohexane		5.8	U	0.91	5.8
Hexane		5.8	U	2.7	5.8

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	99	68 - 121
Dibromofluoromethane	105	66 - 127
Toluene-d8 (Surr)	99	65 - 128

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Client Sample ID: **WPOL-SW22**

Lab Sample ID: 680-20904-8
Client Matrix: Solid
% Moisture: 29.8
Date Sampled: 10/05/2006 1130
Date Received: 10/06/2006 0847

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5035
Dilution: 100
Date Analyzed: 10/10/2006 1614
Date Prepared: 10/06/2006 1212

Analysis Batch: 680-56975
Prep Batch: 680-56790

Instrument ID: GC/MS Volatiles - L
Lab File ID: I1050.d
Initial Weight/Volume: 5.4 g
Final Weight/Volume: 5 g

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		6600	U	400	6600
Acetonitrile		26000	U	3700	26000
Acrolein		13000	U	1500	13000
Bromobenzene		660	U	120	660
Bromochloromethane		660	U	130	660
Acrylonitrile		13000	U	2100	13000
Benzene		660	U	110	660
Dichlorobromomethane		660	U	130	660
Bromoform		660	U	290	660
Methyl bromide		660	U	170	660
Methyl Ethyl Ketone		3300	U	530	3300
n-Butylbenzene		340	J	130	660
Carbon disulfide		660	U	130	660
sec-Butylbenzene		470	J	150	660
Carbon tetrachloride		660	U	120	660
tert-Butylbenzene		660	U	160	660
Chlorobenzene		660	U	91	660
Chloroethane		660	U	200	660
Chloroform		660	U	120	660
Methyl chloride		660	U	92	660
Allyl chloride		660	U	160	660
Chlorodibromomethane		660	U	150	660
1,2-Dibromo-3-Chloropropane		1300	U	610	1300
1,2-Dibromoethane		660	U	180	660
2-Chlorotoluene		660	U	180	660
Methylene bromide		660	U	170	660
trans-1,4-Dichloro-2-butene		1300	U	530	1300
4-Chlorotoluene		660	U	100	660
Dichlorodifluoromethane		660	U *	330	660
1,1-Dichloroethane		660	U	130	660
1,2-Dichloroethane		660	U	160	660
1,1-Dichloroethylene		660	U	150	660
o-Dichlorobenzene		660	U	240	660
trans-1,2-Dichloroethylene		660	U	150	660
m-Dichlorobenzene		660	U	150	660
1,2-Dichloropropane		660	U	170	660
cis-1,3-Dichloropropene		660	U	120	660
p-Dichlorobenzene		660	U	180	660
trans-1,3-Dichloropropene		660	U	150	660
Ethylbenzene		660	U	110	660
Ethyl methacrylate		660	U	100	660
2-Hexanone		3300	U	710	3300
Methyl iodide		660	U	130	660

Analytical Data

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Client Sample ID: **WPOL-SW22**

Lab Sample ID:	680-20904-8			Date Sampled:	10/05/2006 1130
Client Matrix:	Solid	% Moisture:	29.8	Date Received:	10/06/2006 0847

8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch: 680-56975		Instrument ID:	GC/MS Volatiles - L
Preparation:	5035	Prep Batch: 680-56790		Lab File ID:	I1050.d
Dilution:	100			Initial Weight/Volume:	5.4 g
Date Analyzed:	10/10/2006 1614			Final Weight/Volume:	5 g
Date Prepared:	10/06/2006 1212				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
cis-Dichloroethylene		660	U	120	660
Methacrylonitrile		13000	U	2100	13000
Methylene Chloride		660	U	210	660
Methyl methacrylate		660	U	220	660
1,3-Dichloropropane		660	U	160	660
4-Methyl-2-pentanone (MIBK)		3300	U	760	3300
Pentachloroethane		3300	U	610	3300
2,2-Dichloropropane		660	U	160	660
Propionitrile		13000	U	3000	13000
1,1-Dichloropropene		660	U	180	660
Styrene		660	U	110	660
1,1,1,2-Tetrachloroethane		660	U	180	660
1,1,2,2-Tetrachloroethane		660	U	130	660
Tetrachloroethylene		660	U	130	660
Toluene		660	U	130	660
Hexachlorobutadiene		660	U	210	660
1,1,1-Trichloroethane		660	U	110	660
1,1,2-Trichloroethane		660	U	160	660
Trichloroethylene		660	U	160	660
Isopropylbenzene		660	U	130	660
Trichlorofluoromethane		660	U	180	660
1,2,3-Trichloropropane		660	U	360	660
p-Isopropyltoluene		660	U	160	660
Vinyl acetate		1300	U	250	1300
Vinyl chloride		660	U	120	660
Methyl tert-butyl ether		6600	U	240	6600
Naphthalene		660	U	450	660
N-Propylbenzene		660	U	160	660
1,2,3-Trichlorobenzene		660	U	130	660
1,2,4-Trichlorobenzene		660	U	290	660
Freon 113		660	U	130	660
1,2,4-Trimethylbenzene		660	U	130	660
1,3,5-Trimethylbenzene		660	U	170	660
o-Xylene		660	U	180	660
m-Xylene & p-Xylene		1300	U	260	1300
1-Chlorohexane		660	U	100	660
Hexane		660	U	300	660

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	105	68 - 121
Dibromofluoromethane	99	66 - 127
Toluene-d8 (Surr)	102	65 - 128

Analytical Data

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Client Sample ID: **WPOL-SW24**

Lab Sample ID: 680-20904-9
Client Matrix: Solid
% Moisture: 27.1
Date Sampled: 10/05/2006 1145
Date Received: 10/06/2006 0847

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5035
Dilution: 1.0
Date Analyzed: 10/06/2006 1622
Date Prepared: 10/06/2006 1212

Analysis Batch: 680-56773
Prep Batch: 680-56790

Instrument ID: GC/MS Volatiles - L
Lab File ID: l0995.d
Initial Weight/Volume: 5.9 g
Final Weight/Volume: 5 g

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		49	U	3.0	49
Acetonitrile		200	U	28	200
Acrolein		99	U	11	99
Bromobenzene		4.9	U	0.92	4.9
Bromochloromethane		4.9	U	0.94	4.9
Acrylonitrile		99	U	15	99
Benzene		4.9	U	0.85	4.9
Dichlorobromomethane		4.9	U	0.99	4.9
Bromoform		4.9	U	2.2	4.9
Methyl bromide		4.9	U	1.3	4.9
n-Butylbenzene		4.9	U	0.98	4.9
Methyl Ethyl Ketone		25	U	3.9	25
Carbon disulfide		4.9	U	0.99	4.9
sec-Butylbenzene		4.9	U	1.1	4.9
Carbon tetrachloride		4.9	U	0.88	4.9
tert-Butylbenzene		4.9	U	1.2	4.9
Chlorobenzene		4.9	U	0.68	4.9
Chloroethane		4.9	U	1.5	4.9
Chloroform		4.9	U	0.87	4.9
Methyl chloride		4.9	U	0.69	4.9
Allyl chloride		4.9	U	1.2	4.9
Chlorodibromomethane		4.9	U	1.1	4.9
1,2-Dibromo-3-Chloropropane		9.9	U	4.5	9.9
1,2-Dibromoethane		4.9	U	1.4	4.9
2-Chlorotoluene		4.9	U	1.4	4.9
Methylene bromide		4.9	U	1.3	4.9
trans-1,4-Dichloro-2-butene		9.9	U	3.9	9.9
4-Chlorotoluene		4.9	U	0.77	4.9
Dichlorodifluoromethane		4.9	U	2.5	4.9
1,1-Dichloroethane		4.9	U	0.99	4.9
1,2-Dichloroethane		4.9	U	1.2	4.9
1,1-Dichloroethylene		4.9	U	1.1	4.9
o-Dichlorobenzene		4.9	U	1.8	4.9
trans-1,2-Dichloroethylene		4.9	U	1.1	4.9
m-Dichlorobenzene		4.9	U	1.1	4.9
1,2-Dichloropropane		4.9	U	1.3	4.9
cis-1,3-Dichloropropene		4.9	U	0.90	4.9
p-Dichlorobenzene		4.9	U	1.4	4.9
trans-1,3-Dichloropropene		4.9	U	1.1	4.9
Ethylbenzene		4.9	U	0.86	4.9
Ethyl methacrylate		4.9	U	0.76	4.9
2-Hexanone		25	U	5.3	25
Methyl iodide		4.9	U	0.99	4.9

Analytical Data

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Client Sample ID: **WPOL-SW24**

Lab Sample ID: 680-20904-9
Client Matrix: Solid
% Moisture: 27.1
Date Sampled: 10/05/2006 1145
Date Received: 10/06/2006 0847

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5035
Dilution: 1.0
Date Analyzed: 10/06/2006 1622
Date Prepared: 10/06/2006 1212

Analysis Batch: 680-56773
Prep Batch: 680-56790

Instrument ID: GC/MS Volatiles - L
Lab File ID: l0995.d
Initial Weight/Volume: 5.9 g
Final Weight/Volume: 5 g

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
cis-Dichloroethylene		4.9	U	0.87	4.9
Methacrylonitrile		99	U	16	99
Methylene Chloride		4.9	U	1.6	4.9
Methyl methacrylate		4.9	U	1.6	4.9
1,3-Dichloropropane		4.9	U	1.2	4.9
4-Methyl-2-pentanone (MIBK)		25	U	5.7	25
Pentachloroethane		25	U	4.5	25
2,2-Dichloropropane		4.9	U	1.2	4.9
Propionitrile		99	U	23	99
1,1-Dichloropropene		4.9	U *	1.4	4.9
Styrene		4.9	U	0.84	4.9
1,1,1,2-Tetrachloroethane		4.9	U	1.4	4.9
1,1,2,2-Tetrachloroethane		4.9	U	0.99	4.9
Tetrachloroethylene		4.9	U	0.99	4.9
Toluene		4.9	U	0.99	4.9
Hexachlorobutadiene		4.9	U	1.6	4.9
1,1,1-Trichloroethane		4.9	U	0.84	4.9
1,1,2-Trichloroethane		4.9	U	1.2	4.9
Trichloroethylene		4.9	U	1.2	4.9
Isopropylbenzene		4.9	U	0.98	4.9
Trichlorofluoromethane		4.9	U	1.4	4.9
1,2,3-Trichloropropane		4.9	U	2.7	4.9
p-Isopropyltoluene		4.9	U	1.2	4.9
Vinyl acetate		9.9	U	1.9	9.9
Vinyl chloride		4.9	U	0.91	4.9
Methyl tert-butyl ether		49	U	1.8	49
Naphthalene		4.9	U	3.3	4.9
N-Propylbenzene		4.9	U	1.2	4.9
1,2,3-Trichlorobenzene		4.9	U	0.99	4.9
1,2,4-Trichlorobenzene		4.9	U	2.2	4.9
Freon 113		4.9	U	0.99	4.9
1,2,4-Trimethylbenzene		4.9	U	0.99	4.9
1,3,5-Trimethylbenzene		4.9	U	1.3	4.9
o-Xylene		4.9	U	1.4	4.9
m-Xylene & p-Xylene		9.9	U	2.0	9.9
1-Chlorohexane		4.9	U	0.77	4.9
Hexane		4.9	U	2.3	4.9

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	102	68 - 121
Dibromofluoromethane	100	66 - 127
Toluene-d8 (Surr)	101	65 - 128

Analytical Data

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Client Sample ID: **WPOL-Stockpile**

Lab Sample ID: 680-20904-11
Client Matrix: Solid
% Moisture: 27.7
Date Sampled: 10/05/2006 1330
Date Received: 10/06/2006 0847

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5035
Dilution: 100
Date Analyzed: 10/10/2006 1716
Date Prepared: 10/06/2006 1212

Analysis Batch: 680-56975
Prep Batch: 680-56790

Instrument ID: GC/MS Volatiles - L
Lab File ID: I1053.d
Initial Weight/Volume: 4.8 g
Final Weight/Volume: 5 g

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		7200	U	430	7200
Acetonitrile		29000	U	4000	29000
Acrolein		14000	U	1600	14000
Bromobenzene		720	U	130	720
Bromochloromethane		720	U	140	720
Acrylonitrile		14000	U	2300	14000
Benzene		720	U	120	720
Dichlorobromomethane		720	U	140	720
Bromoform		720	U	320	720
Methyl bromide		720	U	190	720
Methyl Ethyl Ketone		3600	U	580	3600
n-Butylbenzene		820		140	720
Carbon disulfide		720	U	140	720
sec-Butylbenzene		1000		160	720
Carbon tetrachloride		720	U	130	720
tert-Butylbenzene		720	U	170	720
Chlorobenzene		720	U	99	720
Chloroethane		720	U	220	720
Chloroform		720	U	130	720
Methyl chloride		720	U	100	720
Allyl chloride		720	U	170	720
Chlorodibromomethane		720	U	160	720
1,2-Dibromo-3-Chloropropane		1400	U	660	1400
1,2-Dibromoethane		720	U	200	720
2-Chlorotoluene		720	U	200	720
Methylene bromide		720	U	190	720
trans-1,4-Dichloro-2-butene		1400	U	580	1400
4-Chlorotoluene		720	U	110	720
Dichlorodifluoromethane		720	U *	360	720
1,1-Dichloroethane		720	U	140	720
1,2-Dichloroethane		720	U	170	720
1,1-Dichloroethylene		720	U	160	720
o-Dichlorobenzene		720	U	260	720
trans-1,2-Dichloroethylene		720	U	160	720
m-Dichlorobenzene		720	U	160	720
1,2-Dichloropropane		720	U	190	720
cis-1,3-Dichloropropene		720	U	130	720
p-Dichlorobenzene		720	U	200	720
trans-1,3-Dichloropropene		720	U	160	720
Ethylbenzene		200	J	130	720
Ethyl methacrylate		720	U	110	720
2-Hexanone		3600	U	780	3600
Methyl iodide		720	U	140	720

Analytical Data

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Client Sample ID: **WPOL-Stockpile**

Lab Sample ID: 680-20904-11
Client Matrix: Solid
% Moisture: 27.7
Date Sampled: 10/05/2006 1330
Date Received: 10/06/2006 0847

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5035
Dilution: 100
Date Analyzed: 10/10/2006 1716
Date Prepared: 10/06/2006 1212

Analysis Batch: 680-56975
Prep Batch: 680-56790

Instrument ID: GC/MS Volatiles - L
Lab File ID: I1053.d
Initial Weight/Volume: 4.8 g
Final Weight/Volume: 5 g

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
cis-Dichloroethylene		720	U	130	720
Methacrylonitrile		14000	U	2300	14000
Methylene Chloride		720	U	230	720
Methyl methacrylate		720	U	240	720
1,3-Dichloropropane		720	U	170	720
4-Methyl-2-pentanone (MIBK)		3600	U	840	3600
Pentachloroethane		3600	U	660	3600
2,2-Dichloropropane		720	U	170	720
Propionitrile		14000	U	3300	14000
1,1-Dichloropropene		720	U	200	720
Styrene		720	U	120	720
1,1,1,2-Tetrachloroethane		720	U	200	720
1,1,2,2-Tetrachloroethane		720	U	140	720
Tetrachloroethylene		720	U	140	720
Toluene		720	U	140	720
Hexachlorobutadiene		720	U	230	720
1,1,1-Trichloroethane		720	U	120	720
1,1,2-Trichloroethane		720	U	170	720
Trichloroethylene		720	U	170	720
Trichlorofluoromethane		720	U	200	720
Isopropylbenzene		380	J	140	720
1,2,3-Trichloropropane		720	U	390	720
p-Isopropyltoluene		720	U	170	720
Vinyl acetate		1400	U	270	1400
Vinyl chloride		720	U	130	720
Methyl tert-butyl ether		7200	U	260	7200
Naphthalene		720	U	490	720
N-Propylbenzene		710	J	170	720
1,2,3-Trichlorobenzene		720	U	140	720
1,2,4-Trichlorobenzene		720	U	320	720
Freon 113		720	U	140	720
1,2,4-Trimethylbenzene		720	U	140	720
1,3,5-Trimethylbenzene		330	J	190	720
o-Xylene		720	U	200	720
m-Xylene & p-Xylene		1400	U	290	1400
1-Chlorohexane		720	U	110	720
Hexane		720	U	330	720

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	104	68 - 121
Dibromofluoromethane	102	66 - 127
Toluene-d8 (Surr)	120	65 - 128

Analytical Data

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Client Sample ID: **Trip Blank**

Lab Sample ID: 680-20904-12
Client Matrix: Water

Date Sampled: 10/05/2006 0000
Date Received: 10/06/2006 0847

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 10/10/2006 1323
Date Prepared: 10/10/2006 1323

Analysis Batch: 680-56985

Instrument ID: GC/MS Volatiles - A
Lab File ID: a648.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzene	1.0	U	0.54	1.0
Methyl bromide	1.0	U	0.93	1.0
Methyl chloride	1.0	U	0.53	1.0
Allyl chloride	1.0	U	0.35	1.0
Acetone	25	U	7.3	25
Acetonitrile	40	U	0.23	40
Acrolein	20	U	12	20
Bromobenzene	1.0	U	0.45	1.0
Bromochloromethane	1.0	U	0.25	1.0
Acrylonitrile	20	U	3.2	20
Dichlorobromomethane	1.0	U	0.42	1.0
Bromoform	1.0	U	0.36	1.0
n-Butylbenzene	1.0	U	0.38	1.0
Methyl Ethyl Ketone	10	U	0.72	10
Carbon disulfide	2.0	U	0.75	2.0
sec-Butylbenzene	1.0	U	0.60	1.0
Carbon tetrachloride	1.0	U	0.91	1.0
tert-Butylbenzene	1.0	U	0.63	1.0
Chlorobenzene	1.0	U	0.41	1.0
Chloroethane	1.0	U	0.89	1.0
Chloroform	1.0	U	0.52	1.0
Dibromochloromethane	1.0	U	0.40	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.65	1.0
1,2-Dibromoethane	1.0	U	0.34	1.0
o-Chlorotoluene	1.0	U	0.58	1.0
Methylene bromide	1.0	U	0.33	1.0
trans-1,4-Dichloro-2-butene	2.0	U	0.80	2.0
p-Chlorotoluene	1.0	U	0.44	1.0
Dichlorodifluoromethane	1.0	U	0.73	1.0
1,1-Dichloroethane	1.0	U	0.56	1.0
1,2-Dichloroethane	1.0	U	0.28	1.0
1,1-Dichlorethylene	1.0	U	0.93	1.0
o-Dichlorobenzene	1.0	U	0.21	1.0
trans-1-2-Dichloroethylene	1.0	U	0.80	1.0
m-Dichlorobenzene	1.0	U	0.28	1.0
1,2-Dichloropropane	1.0	U	0.26	1.0
cis-1,3-Dichloropropene	1.0	U	0.41	1.0
p-Dichlorobenzene	1.0	U	0.44	1.0
trans-1,3-Dichloropropene	1.0	U	0.36	1.0
Ethylbenzene	1.0	U	0.62	1.0
Ethyl methacrylate	1.0	U	0.33	1.0
2-Hexanone	10	U	0.39	10
Methyl iodide	5.0	U	0.96	5.0

Analytical Data

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Client Sample ID: **Trip Blank**

Lab Sample ID: 680-20904-12
Client Matrix: Water

Date Sampled: 10/05/2006 0000
Date Received: 10/06/2006 0847

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 10/10/2006 1323
Date Prepared: 10/10/2006 1323

Analysis Batch: 680-56985

Instrument ID: GC/MS Volatiles - A
Lab File ID: a648.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
cis-1,2-Dichloroethylene	1.0	U	0.55	1.0
Methacrylonitrile	20	U	9.1	20
Methylene Chloride	5.0	U	0.44	5.0
Methyl methacrylate	1.0	U	0.36	1.0
1,3-Dichloropropane	1.0	U	0.31	1.0
4-Methyl-2-pentanone	10	U *	0.45	10
Pentachloroethane	5.0	U	1.0	5.0
2,2-Dichloropropane	1.0	U	0.86	1.0
Propionitrile	20	U	10	20
1,1-Dichloropropene	1.0	U	0.80	1.0
Styrene	1.0	U	0.42	1.0
1,1,1,2-Tetrachloroethane	1.0	U	0.53	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.21	1.0
Tetrachloroethylene	1.0	U	0.75	1.0
Toluene	1.0	U	0.62	1.0
Hexachlorobutadiene	1.0	U	0.50	1.0
1,1,1-Trichloroethane	1.0	U	0.79	1.0
1,1,2-Trichloroethane	1.0	U	0.37	1.0
Trichloroethylene	1.0	U	0.71	1.0
Isopropylbenzene	1.0	U	0.66	1.0
Trichlorofluoromethane	1.0	U	0.96	1.0
1,2,3-Trichloropropane	1.0	U	0.44	1.0
p-Isopropyltoluene	1.0	U	0.52	1.0
Vinyl acetate	2.0	U	0.70	2.0
Vinyl chloride	1.0	U	0.92	1.0
Methyl tert-butyl ether	10	U	0.45	10
Naphthalene	5.0	U	0.12	5.0
N-Propylbenzene	1.0	U	0.45	1.0
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2,4-Trichlorobenzene	1.0	U	0.28	1.0
Freon 113	1.0	U	0.10	1.0
1,2,4-Trimethylbenzene	1.0	U	0.44	1.0
1,3,5-Trimethylbenzene	1.0	U	0.49	1.0
o-Xylene	1.0	U	0.49	1.0
m-Xylene & p-Xylene	2.0	U	1.3	2.0
1-Chlorohexane	1.0	U	0.42	1.0
Hexane	5.0	U	5.0	5.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	94	77 - 120
Dibromofluoromethane	114	75 - 123
Toluene-d8 (Surr)	98	79 - 122

Analytical Data

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Client Sample ID: **Trip Blank**

Lab Sample ID: 680-20904-13
Client Matrix: Water

Date Sampled: 10/05/2006 0000
Date Received: 10/06/2006 0847

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 10/10/2006 1255
Date Prepared: 10/10/2006 1255

Analysis Batch: 680-56985

Instrument ID: GC/MS Volatiles - A
Lab File ID: a646.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzene	1.0	U	0.54	1.0
Methyl bromide	1.0	U	0.93	1.0
Methyl chloride	1.0	U	0.53	1.0
Allyl chloride	1.0	U	0.35	1.0
Acetone	25	U	7.3	25
Acetonitrile	40	U	0.23	40
Acrolein	20	U	12	20
Bromobenzene	1.0	U	0.45	1.0
Bromochloromethane	1.0	U	0.25	1.0
Acrylonitrile	20	U	3.2	20
Dichlorobromomethane	1.0	U	0.42	1.0
Bromoform	1.0	U	0.36	1.0
n-Butylbenzene	1.0	U	0.38	1.0
Methyl Ethyl Ketone	10	U	0.72	10
Carbon disulfide	2.0	U	0.75	2.0
sec-Butylbenzene	1.0	U	0.60	1.0
Carbon tetrachloride	1.0	U	0.91	1.0
tert-Butylbenzene	1.0	U	0.63	1.0
Chlorobenzene	1.0	U	0.41	1.0
Chloroethane	1.0	U	0.89	1.0
Chloroform	1.0	U	0.52	1.0
Dibromochloromethane	1.0	U	0.40	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.65	1.0
1,2-Dibromoethane	1.0	U	0.34	1.0
o-Chlorotoluene	1.0	U	0.58	1.0
Methylene bromide	1.0	U	0.33	1.0
trans-1,4-Dichloro-2-butene	2.0	U	0.80	2.0
p-Chlorotoluene	1.0	U	0.44	1.0
Dichlorodifluoromethane	1.0	U	0.73	1.0
1,1-Dichloroethane	1.0	U	0.56	1.0
1,2-Dichloroethane	1.0	U	0.28	1.0
1,1-Dichlorethylene	1.0	U	0.93	1.0
o-Dichlorobenzene	1.0	U	0.21	1.0
trans-1-2-Dichloroethylene	1.0	U	0.80	1.0
m-Dichlorobenzene	1.0	U	0.28	1.0
1,2-Dichloropropane	1.0	U	0.26	1.0
cis-1,3-Dichloropropene	1.0	U	0.41	1.0
p-Dichlorobenzene	1.0	U	0.44	1.0
trans-1,3-Dichloropropene	1.0	U	0.36	1.0
Ethylbenzene	1.0	U	0.62	1.0
Ethyl methacrylate	1.0	U	0.33	1.0
2-Hexanone	10	U	0.39	10
Methyl iodide	5.0	U	0.96	5.0

Analytical Data

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Client Sample ID: **Trip Blank**

Lab Sample ID: 680-20904-13
Client Matrix: Water

Date Sampled: 10/05/2006 0000
Date Received: 10/06/2006 0847

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 10/10/2006 1255
Date Prepared: 10/10/2006 1255

Analysis Batch: 680-56985

Instrument ID: GC/MS Volatiles - A
Lab File ID: a646.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
cis-1,2-Dichloroethylene	1.0	U	0.55	1.0
Methacrylonitrile	20	U	9.1	20
Methylene Chloride	5.0	U	0.44	5.0
Methyl methacrylate	1.0	U	0.36	1.0
1,3-Dichloropropane	1.0	U	0.31	1.0
4-Methyl-2-pentanone	10	U *	0.45	10
Pentachloroethane	5.0	U	1.0	5.0
2,2-Dichloropropane	1.0	U	0.86	1.0
Propionitrile	20	U	10	20
1,1-Dichloropropene	1.0	U	0.80	1.0
Styrene	1.0	U	0.42	1.0
1,1,1,2-Tetrachloroethane	1.0	U	0.53	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.21	1.0
Tetrachloroethylene	1.0	U	0.75	1.0
Toluene	1.0	U	0.62	1.0
Hexachlorobutadiene	1.0	U	0.50	1.0
1,1,1-Trichloroethane	1.0	U	0.79	1.0
1,1,2-Trichloroethane	1.0	U	0.37	1.0
Trichloroethylene	1.0	U	0.71	1.0
Isopropylbenzene	1.0	U	0.66	1.0
Trichlorofluoromethane	1.0	U	0.96	1.0
1,2,3-Trichloropropane	1.0	U	0.44	1.0
p-Isopropyltoluene	1.0	U	0.52	1.0
Vinyl acetate	2.0	U	0.70	2.0
Vinyl chloride	1.0	U	0.92	1.0
Methyl tert-butyl ether	10	U	0.45	10
Naphthalene	5.0	U	0.12	5.0
N-Propylbenzene	1.0	U	0.45	1.0
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2,4-Trichlorobenzene	1.0	U	0.28	1.0
Freon 113	1.0	U	0.10	1.0
1,2,4-Trimethylbenzene	1.0	U	0.44	1.0
1,3,5-Trimethylbenzene	1.0	U	0.49	1.0
o-Xylene	1.0	U	0.49	1.0
m-Xylene & p-Xylene	2.0	U	1.3	2.0
1-Chlorohexane	1.0	U	0.42	1.0
Hexane	5.0	U	5.0	5.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	97	77 - 120
Dibromofluoromethane	117	75 - 123
Toluene-d8 (Surr)	100	79 - 122

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Client Sample ID: **FLSS17-L13-B1R**

Lab Sample ID: 680-20904-1
Client Matrix: Solid
% Moisture: 14.1
Date Sampled: 10/05/2006 0910
Date Received: 10/06/2006 0847

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3550B
Dilution: 1.0
Date Analyzed: 10/09/2006 0907
Date Prepared: 10/06/2006 0815

Analysis Batch: 680-56877
Prep Batch: 680-56736

Instrument ID: GC/MS SemiVolatiles - E
Lab File ID: e3923.d
Initial Weight/Volume: 30.02 g
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		380	U	22	380
Acenaphthylene		380	U	20	380
Anthracene		380	U	27	380
Benzidine		3100	U	97	3100
Benzo[a]anthracene		380	U	36	380
Benzo[a]pyrene		380	U	22	380
Benzo[b]fluoranthene		380	U	30	380
Benzo[g,h,i]perylene		380	U	27	380
Benzoic acid		2000	U *	200	2000
Benzo[k]fluoranthene		380	U	42	380
Benzyl alcohol		380	U	44	380
Bis(2-chloroethoxy)methane		380	U	28	380
Bis(2-chloroethyl)ether		380	U	33	380
bis(chloroisopropyl) ether		380	U	41	380
Bis(2-ethylhexyl) phthalate		380	U	44	380
4-Bromophenyl phenyl ether		380	U	36	380
Butyl benzyl phthalate		380	U	31	380
4-Chloroaniline		770	U	30	770
4-Chloro-3-methylphenol		380	U	40	380
2-Chloronaphthalene		380	U	28	380
2-Chlorophenol		380	U	31	380
4-Chlorophenyl phenyl ether		380	U	22	380
Chrysene		380	U	29	380
Dibenz(a,h)anthracene		380	U	28	380
Dibenzofuran		380	U	22	380
1,2-Dichlorobenzene		380	U	27	380
1,3-Dichlorobenzene		380	U	30	380
1,4-Dichlorobenzene		380	U	26	380
3,3'-Dichlorobenzidine		770	U	35	770
2,4-Dichlorophenol		380	U	27	380
Diethyl phthalate		380	U	26	380
2,4-Dimethylphenol		380	U	41	380
Dimethyl phthalate		380	U	22	380
Di-n-butyl phthalate		380	U	33	380
4,6-Dinitro-o-cresol		2000	U	230	2000
2,4-Dinitrophenol		2000	U	200	2000
2,6-Dinitrotoluene		380	U	38	380
2,4-Dinitrotoluene		380	U	22	380
Di-n-octyl phthalate		380	U	36	380
Fluoranthene		380	U	30	380
Fluorene		380	U	26	380
Hexachlorobenzene		380	U	30	380
Hexachlorobutadiene		380	U	23	380

Analytical Data

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Client Sample ID: **FLSS17-L13-B1R**

Lab Sample ID:	680-20904-1			Date Sampled:	10/05/2006 0910
Client Matrix:	Solid	% Moisture:	14.1	Date Received:	10/06/2006 0847

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-56877		Instrument ID:	GC/MS SemiVolatiles - E
Preparation:	3550B	Prep Batch: 680-56736		Lab File ID:	e3923.d
Dilution:	1.0			Initial Weight/Volume:	30.02 g
Date Analyzed:	10/09/2006 0907			Final Weight/Volume:	1.0 mL
Date Prepared:	10/06/2006 0815			Injection Volume:	

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Hexachlorocyclopentadiene		380	U	97	380
Hexachloroethane		380	U	23	380
Indeno[1,2,3-cd]pyrene		380	U	30	380
Isophorone		380	U	26	380
2-Methylnaphthalene		380	U	28	380
2-Methylphenol		380	U	35	380
3 & 4 Methylphenol		380	U	34	380
Naphthalene		380	U	22	380
3-Nitroaniline		2000	U	38	2000
2-Nitroaniline		2000	U	27	2000
4-Nitroaniline		2000	U	20	2000
Nitrobenzene		380	U	41	380
4-Nitrophenol		2000	U	240	2000
2-Nitrophenol		380	U	23	380
N-Nitrosodi-n-propylamine		380	U	33	380
N-Nitrosodiphenylamine		380	U	27	380
Pentachlorophenol		2000	U	97	2000
Phenanthrene		380	U	34	380
Phenol		380	U	35	380
Pyrene		380	U	23	380
1,2,4-Trichlorobenzene		380	U	24	380
2,4,5-Trichlorophenol		380	U	37	380
2,4,6-Trichlorophenol		380	U	23	380

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	59	38 - 104
2-Fluorophenol	59	36 - 101
Nitrobenzene-d5	50	33 - 94
Phenol-d5	56	38 - 102
Terphenyl-d14	53	40 - 129
2,4,6-Tribromophenol	62	27 - 124

Analytical Data

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Client Sample ID: **FLSS17-L13-B2R**

Lab Sample ID: 680-20904-2
Client Matrix: Solid
% Moisture: 14.4
Date Sampled: 10/05/2006 0920
Date Received: 10/06/2006 0847

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3550B
Dilution: 1.0
Date Analyzed: 10/09/2006 0930
Date Prepared: 10/06/2006 0815

Analysis Batch: 680-56877
Prep Batch: 680-56736

Instrument ID: GC/MS SemiVolatiles - E
Lab File ID: e3924.d
Initial Weight/Volume: 30.04 g
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		380	U	22	380
Acenaphthylene		380	U	20	380
Anthracene		380	U	27	380
Benzidine		3100	U	97	3100
Benzo[a]anthracene		380	U	36	380
Benzo[a]pyrene		380	U	22	380
Benzo[b]fluoranthene		380	U	30	380
Benzo[g,h,i]perylene		380	U	27	380
Benzoic acid		2000	U *	200	2000
Benzo[k]fluoranthene		380	U	42	380
Benzyl alcohol		380	U	44	380
Bis(2-chloroethoxy)methane		380	U	28	380
Bis(2-chloroethyl)ether		380	U	33	380
bis(chloroisopropyl) ether		380	U	41	380
Bis(2-ethylhexyl) phthalate		46	J	44	380
4-Bromophenyl phenyl ether		380	U	36	380
Butyl benzyl phthalate		380	U	31	380
4-Chloroaniline		770	U	30	770
4-Chloro-3-methylphenol		380	U	40	380
2-Chloronaphthalene		380	U	28	380
2-Chlorophenol		380	U	31	380
4-Chlorophenyl phenyl ether		380	U	22	380
Chrysene		380	U	29	380
Dibenz(a,h)anthracene		380	U	28	380
Dibenzofuran		380	U	22	380
1,2-Dichlorobenzene		380	U	27	380
1,3-Dichlorobenzene		380	U	30	380
1,4-Dichlorobenzene		380	U	26	380
3,3'-Dichlorobenzidine		770	U	35	770
2,4-Dichlorophenol		380	U	27	380
Diethyl phthalate		380	U	26	380
2,4-Dimethylphenol		380	U	41	380
Dimethyl phthalate		380	U	22	380
Di-n-butyl phthalate		380	U	33	380
4,6-Dinitro-o-cresol		2000	U	230	2000
2,4-Dinitrophenol		2000	U	200	2000
2,6-Dinitrotoluene		380	U	38	380
2,4-Dinitrotoluene		380	U	22	380
Di-n-octyl phthalate		380	U	36	380
Fluoranthene		380	U	30	380
Fluorene		380	U	26	380
Hexachlorobenzene		380	U	30	380
Hexachlorobutadiene		380	U	23	380

Analytical Data

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Client Sample ID: **FLSS17-L13-B2R**

Lab Sample ID:	680-20904-2			Date Sampled:	10/05/2006 0920
Client Matrix:	Solid	% Moisture:	14.4	Date Received:	10/06/2006 0847

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-56877		Instrument ID:	GC/MS SemiVolatiles - E
Preparation:	3550B	Prep Batch: 680-56736		Lab File ID:	e3924.d
Dilution:	1.0			Initial Weight/Volume:	30.04 g
Date Analyzed:	10/09/2006 0930			Final Weight/Volume:	1.0 mL
Date Prepared:	10/06/2006 0815			Injection Volume:	

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Hexachlorocyclopentadiene		380	U	97	380
Hexachloroethane		380	U	23	380
Indeno[1,2,3-cd]pyrene		380	U	30	380
Isophorone		380	U	26	380
2-Methylnaphthalene		380	U	28	380
2-Methylphenol		380	U	35	380
3 & 4 Methylphenol		380	U	34	380
Naphthalene		380	U	22	380
3-Nitroaniline		2000	U	38	2000
2-Nitroaniline		2000	U	27	2000
4-Nitroaniline		2000	U	20	2000
Nitrobenzene		380	U	41	380
4-Nitrophenol		2000	U	240	2000
2-Nitrophenol		380	U	23	380
N-Nitrosodi-n-propylamine		380	U	33	380
N-Nitrosodiphenylamine		380	U	27	380
Pentachlorophenol		2000	U	97	2000
Phenanthrene		380	U	34	380
Phenol		380	U	35	380
Pyrene		380	U	23	380
1,2,4-Trichlorobenzene		380	U	24	380
2,4,5-Trichlorophenol		380	U	37	380
2,4,6-Trichlorophenol		380	U	23	380

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	50	38 - 104
2-Fluorophenol	47	36 - 101
Nitrobenzene-d5	41	33 - 94
Phenol-d5	47	38 - 102
Terphenyl-d14	47	40 - 129
2,4,6-Tribromophenol	56	27 - 124

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Client Sample ID: **FLSS17-L13-B3R**

Lab Sample ID: 680-20904-3
Client Matrix: Solid
% Moisture: 29.1
Date Sampled: 10/05/2006 0930
Date Received: 10/06/2006 0847

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3550B
Dilution: 1.0
Date Analyzed: 10/09/2006 1016
Date Prepared: 10/06/2006 0815

Analysis Batch: 680-56877
Prep Batch: 680-56736

Instrument ID: GC/MS SemiVolatiles - E
Lab File ID: e3925.d
Initial Weight/Volume: 30.00 g
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		470	U	27	470
Acenaphthylene		470	U	24	470
Anthracene		470	U	32	470
Benzidine		3800	U	120	3800
Benzo[a]anthracene		470	U	44	470
Benzo[a]pyrene		470	U	27	470
Benzo[b]fluoranthene		470	U	37	470
Benzo[g,h,i]perylene		470	U	32	470
Benzoic acid		2400	U *	240	2400
Benzo[k]fluoranthene		470	U	51	470
Benzyl alcohol		470	U	54	470
Bis(2-chloroethoxy)methane		470	U	34	470
Bis(2-chloroethyl)ether		470	U	39	470
bis(chloroisopropyl) ether		470	U	49	470
Bis(2-ethylhexyl) phthalate		77	J	54	470
4-Bromophenyl phenyl ether		470	U	44	470
Butyl benzyl phthalate		470	U	38	470
4-Chloroaniline		930	U	37	930
4-Chloro-3-methylphenol		470	U	48	470
2-Chloronaphthalene		470	U	34	470
2-Chlorophenol		470	U	38	470
4-Chlorophenyl phenyl ether		470	U	27	470
Chrysene		470	U	35	470
Dibenz(a,h)anthracene		470	U	34	470
Dibenzofuran		470	U	27	470
1,2-Dichlorobenzene		470	U	32	470
1,3-Dichlorobenzene		470	U	37	470
1,4-Dichlorobenzene		470	U	31	470
3,3'-Dichlorobenzidine		930	U	42	930
2,4-Dichlorophenol		470	U	32	470
Diethyl phthalate		470	U	31	470
2,4-Dimethylphenol		470	U	49	470
Dimethyl phthalate		470	U	27	470
Di-n-butyl phthalate		470	U	39	470
4,6-Dinitro-o-cresol		2400	U	280	2400
2,4-Dinitrophenol		2400	U	240	2400
2,6-Dinitrotoluene		470	U	47	470
2,4-Dinitrotoluene		470	U	27	470
Di-n-octyl phthalate		470	U	44	470
Fluoranthene		470	U	37	470
Fluorene		470	U	31	470
Hexachlorobenzene		470	U	37	470
Hexachlorobutadiene		470	U	28	470

Analytical Data

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Client Sample ID: **FLSS17-L13-B3R**

Lab Sample ID:	680-20904-3			Date Sampled:	10/05/2006 0930
Client Matrix:	Solid	% Moisture:	29.1	Date Received:	10/06/2006 0847

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-56877		Instrument ID:	GC/MS SemiVolatiles - E
Preparation:	3550B	Prep Batch: 680-56736		Lab File ID:	e3925.d
Dilution:	1.0			Initial Weight/Volume:	30.00 g
Date Analyzed:	10/09/2006 1016			Final Weight/Volume:	1.0 mL
Date Prepared:	10/06/2006 0815			Injection Volume:	

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Hexachlorocyclopentadiene		470	U	120	470
Hexachloroethane		470	U	28	470
Indeno[1,2,3-cd]pyrene		470	U	37	470
Isophorone		470	U	31	470
2-Methylnaphthalene		470	U	34	470
2-Methylphenol		470	U	42	470
3 & 4 Methylphenol		470	U	41	470
Naphthalene		470	U	27	470
3-Nitroaniline		2400	U	47	2400
2-Nitroaniline		2400	U	32	2400
4-Nitroaniline		2400	U	24	2400
Nitrobenzene		470	U	49	470
4-Nitrophenol		2400	U	300	2400
2-Nitrophenol		470	U	28	470
N-Nitrosodi-n-propylamine		470	U	39	470
N-Nitrosodiphenylamine		470	U	32	470
Pentachlorophenol		2400	U	120	2400
Phenanthrene		470	U	41	470
Phenol		470	U	42	470
Pyrene		470	U	28	470
1,2,4-Trichlorobenzene		470	U	30	470
2,4,5-Trichlorophenol		470	U	45	470
2,4,6-Trichlorophenol		470	U	28	470

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	50	38 - 104
2-Fluorophenol	48	36 - 101
Nitrobenzene-d5	43	33 - 94
Phenol-d5	45	38 - 102
Terphenyl-d14	44	40 - 129
2,4,6-Tribromophenol	54	27 - 124

Analytical Data

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Client Sample ID: **FLSS17-L13-B4R**

Lab Sample ID: 680-20904-4
Client Matrix: Solid
% Moisture: 32.2
Date Sampled: 10/05/2006 0940
Date Received: 10/06/2006 0847

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3550B
Dilution: 1.0
Date Analyzed: 10/09/2006 1039
Date Prepared: 10/06/2006 0815

Analysis Batch: 680-56877
Prep Batch: 680-56736

Instrument ID: GC/MS SemiVolatiles - E
Lab File ID: e3926.d
Initial Weight/Volume: 30.00 g
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		490	U	28	490
Acenaphthylene		490	U	25	490
Anthracene		490	U	34	490
Benzidine		4000	U	120	4000
Benzo[a]anthracene		490	U	46	490
Benzo[a]pyrene		490	U	28	490
Benzo[b]fluoranthene		490	U	38	490
Benzo[g,h,i]perylene		490	U	34	490
Benzoic acid		2500	U *	250	2500
Benzo[k]fluoranthene		490	U	53	490
Benzyl alcohol		490	U	56	490
Bis(2-chloroethoxy)methane		490	U	35	490
Bis(2-chloroethyl)ether		490	U	41	490
bis(chloroisopropyl) ether		490	U	52	490
Bis(2-ethylhexyl) phthalate		100	J	56	490
4-Bromophenyl phenyl ether		490	U	46	490
Butyl benzyl phthalate		490	U	40	490
4-Chloroaniline		970	U	38	970
4-Chloro-3-methylphenol		490	U	50	490
2-Chloronaphthalene		490	U	35	490
2-Chlorophenol		490	U	40	490
4-Chlorophenyl phenyl ether		490	U	28	490
Chrysene		490	U	37	490
Dibenz(a,h)anthracene		490	U	35	490
Dibenzofuran		490	U	28	490
1,2-Dichlorobenzene		490	U	34	490
1,3-Dichlorobenzene		490	U	38	490
1,4-Dichlorobenzene		490	U	32	490
3,3'-Dichlorobenzidine		970	U	44	970
2,4-Dichlorophenol		490	U	34	490
Diethyl phthalate		490	U	32	490
2,4-Dimethylphenol		490	U	52	490
Dimethyl phthalate		490	U	28	490
Di-n-butyl phthalate		490	U	41	490
4,6-Dinitro-o-cresol		2500	U	300	2500
2,4-Dinitrophenol		2500	U	250	2500
2,6-Dinitrotoluene		490	U	49	490
2,4-Dinitrotoluene		490	U	28	490
Di-n-octyl phthalate		490	U	46	490
Fluoranthene		490	U	38	490
Fluorene		490	U	32	490
Hexachlorobenzene		490	U	38	490
Hexachlorobutadiene		490	U	30	490

Analytical Data

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Client Sample ID: **FLSS17-L13-B4R**

Lab Sample ID:	680-20904-4			Date Sampled:	10/05/2006 0940
Client Matrix:	Solid	% Moisture:	32.2	Date Received:	10/06/2006 0847

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-56877		Instrument ID:	GC/MS SemiVolatiles - E
Preparation:	3550B	Prep Batch: 680-56736		Lab File ID:	e3926.d
Dilution:	1.0			Initial Weight/Volume:	30.00 g
Date Analyzed:	10/09/2006 1039			Final Weight/Volume:	1.0 mL
Date Prepared:	10/06/2006 0815			Injection Volume:	

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Hexachlorocyclopentadiene		490	U	120	490
Hexachloroethane		490	U	30	490
Indeno[1,2,3-cd]pyrene		490	U	38	490
Isophorone		490	U	32	490
2-Methylnaphthalene		490	U	35	490
2-Methylphenol		490	U	44	490
3 & 4 Methylphenol		490	U	43	490
Naphthalene		490	U	28	490
3-Nitroaniline		2500	U	49	2500
2-Nitroaniline		2500	U	34	2500
4-Nitroaniline		2500	U	25	2500
Nitrobenzene		490	U	52	490
4-Nitrophenol		2500	U	310	2500
2-Nitrophenol		490	U	30	490
N-Nitrosodi-n-propylamine		490	U	41	490
N-Nitrosodiphenylamine		490	U	34	490
Pentachlorophenol		2500	U	120	2500
Phenanthrene		490	U	43	490
Phenol		490	U	44	490
Pyrene		44	J	30	490
1,2,4-Trichlorobenzene		490	U	31	490
2,4,5-Trichlorophenol		490	U	47	490
2,4,6-Trichlorophenol		490	U	30	490

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	54	38 - 104
2-Fluorophenol	50	36 - 101
Nitrobenzene-d5	46	33 - 94
Phenol-d5	47	38 - 102
Terphenyl-d14	45	40 - 129
2,4,6-Tribromophenol	56	27 - 124

Analytical Data

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Client Sample ID: **WPOL-SW20**

Lab Sample ID: 680-20904-6
Client Matrix: Solid
% Moisture: 34.4
Date Sampled: 10/05/2006 1100
Date Received: 10/06/2006 0847

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3550B
Dilution: 1.0
Date Analyzed: 10/09/2006 1103
Date Prepared: 10/06/2006 0815

Analysis Batch: 680-56877
Prep Batch: 680-56736

Instrument ID: GC/MS SemiVolatiles - E
Lab File ID: e3927.d
Initial Weight/Volume: 30.09 g
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		500	U	29	500
Acenaphthylene		500	U	26	500
Anthracene		500	U	35	500
Benzidine		4100	U	130	4100
Benzo[a]anthracene		500	U	47	500
Benzo[a]pyrene		500	U	29	500
Benzo[b]fluoranthene		500	U	40	500
Benzo[g,h,i]perylene		500	U	35	500
Benzoic acid		2600	U *	260	2600
Benzo[k]fluoranthene		500	U	55	500
Benzyl alcohol		500	U	58	500
Bis(2-chloroethoxy)methane		500	U	36	500
Bis(2-chloroethyl)ether		500	U	43	500
bis(chloroisopropyl) ether		500	U	53	500
Bis(2-ethylhexyl) phthalate		500	U	58	500
4-Bromophenyl phenyl ether		500	U	47	500
Butyl benzyl phthalate		500	U	41	500
4-Chloroaniline		1000	U	40	1000
4-Chloro-3-methylphenol		500	U	52	500
2-Chloronaphthalene		500	U	36	500
2-Chlorophenol		500	U	41	500
4-Chlorophenyl phenyl ether		500	U	29	500
Chrysene		500	U	38	500
Dibenz(a,h)anthracene		500	U	36	500
Dibenzofuran		500	U	29	500
1,2-Dichlorobenzene		500	U	35	500
1,3-Dichlorobenzene		500	U	40	500
1,4-Dichlorobenzene		500	U	33	500
3,3'-Dichlorobenzidine		1000	U	46	1000
2,4-Dichlorophenol		500	U	35	500
Diethyl phthalate		500	U	33	500
2,4-Dimethylphenol		500	U	53	500
Dimethyl phthalate		500	U	29	500
Di-n-butyl phthalate		500	U	43	500
4,6-Dinitro-o-cresol		2600	U	300	2600
2,4-Dinitrophenol		2600	U	260	2600
2,6-Dinitrotoluene		500	U	50	500
2,4-Dinitrotoluene		500	U	29	500
Di-n-octyl phthalate		500	U	47	500
Fluoranthene		500	U	40	500
Fluorene		170	J	33	500
Hexachlorobenzene		500	U	40	500
Hexachlorobutadiene		500	U	30	500

Analytical Data

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Client Sample ID: **WPOL-SW20**

Lab Sample ID:	680-20904-6			Date Sampled:	10/05/2006 1100
Client Matrix:	Solid	% Moisture:	34.4	Date Received:	10/06/2006 0847

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-56877		Instrument ID:	GC/MS SemiVolatiles - E
Preparation:	3550B	Prep Batch: 680-56736		Lab File ID:	e3927.d
Dilution:	1.0			Initial Weight/Volume:	30.09 g
Date Analyzed:	10/09/2006 1103			Final Weight/Volume:	1.0 mL
Date Prepared:	10/06/2006 0815			Injection Volume:	

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Hexachlorocyclopentadiene		500	U	130	500
Hexachloroethane		500	U	30	500
Indeno[1,2,3-cd]pyrene		500	U	40	500
Isophorone		500	U	33	500
2-Methylnaphthalene		500	U	36	500
2-Methylphenol		500	U	46	500
3 & 4 Methylphenol		500	U	44	500
Naphthalene		500	U	29	500
3-Nitroaniline		2600	U	50	2600
2-Nitroaniline		2600	U	35	2600
4-Nitroaniline		2600	U	26	2600
Nitrobenzene		500	U	53	500
4-Nitrophenol		2600	U	320	2600
2-Nitrophenol		500	U	30	500
N-Nitrosodi-n-propylamine		500	U	43	500
N-Nitrosodiphenylamine		500	U	35	500
Pentachlorophenol		2600	U	130	2600
Phenanthrene		500	U	44	500
Phenol		500	U	46	500
Pyrene		500	U	30	500
1,2,4-Trichlorobenzene		500	U	32	500
2,4,5-Trichlorophenol		500	U	49	500
2,4,6-Trichlorophenol		500	U	30	500

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	43	38 - 104
2-Fluorophenol	47	36 - 101
Nitrobenzene-d5	82	33 - 94
Phenol-d5	40	38 - 102
Terphenyl-d14	40	40 - 129
2,4,6-Tribromophenol	53	27 - 124

Analytical Data

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Client Sample ID: **WPOL-SW21**

Lab Sample ID: 680-20904-7
Client Matrix: Solid
% Moisture: 28.9
Date Sampled: 10/05/2006 1115
Date Received: 10/06/2006 0847

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3550B
Dilution: 1.0
Date Analyzed: 10/09/2006 1125
Date Prepared: 10/06/2006 0815

Analysis Batch: 680-56877
Prep Batch: 680-56736

Instrument ID: GC/MS SemiVolatiles - E
Lab File ID: e3928.d
Initial Weight/Volume: 30.10 g
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		460	U	27	460
Acenaphthylene		460	U	24	460
Anthracene		460	U	32	460
Benzidine		3800	U	120	3800
Benzo[a]anthracene		460	U	43	460
Benzo[a]pyrene		460	U	27	460
Benzo[b]fluoranthene		460	U	36	460
Benzo[g,h,i]perylene		460	U	32	460
Benzoic acid		2400	U *	240	2400
Benzo[k]fluoranthene		460	U	50	460
Benzyl alcohol		460	U	53	460
Bis(2-chloroethoxy)methane		460	U	34	460
Bis(2-chloroethyl)ether		460	U	39	460
bis(chloroisopropyl) ether		460	U	49	460
Bis(2-ethylhexyl) phthalate		460	U	53	460
4-Bromophenyl phenyl ether		460	U	43	460
Butyl benzyl phthalate		460	U	38	460
4-Chloroaniline		930	U	36	930
4-Chloro-3-methylphenol		460	U	48	460
2-Chloronaphthalene		460	U	34	460
2-Chlorophenol		460	U	38	460
4-Chlorophenyl phenyl ether		460	U	27	460
Chrysene		460	U	35	460
Dibenz(a,h)anthracene		460	U	34	460
Dibenzofuran		460	U	27	460
1,2-Dichlorobenzene		460	U	32	460
1,3-Dichlorobenzene		460	U	36	460
1,4-Dichlorobenzene		460	U	31	460
3,3'-Dichlorobenzidine		930	U	42	930
2,4-Dichlorophenol		460	U	32	460
Diethyl phthalate		460	U	31	460
2,4-Dimethylphenol		460	U	49	460
Dimethyl phthalate		460	U	27	460
Di-n-butyl phthalate		460	U	39	460
4,6-Dinitro-o-cresol		2400	U	280	2400
2,4-Dinitrophenol		2400	U	240	2400
2,6-Dinitrotoluene		460	U	46	460
2,4-Dinitrotoluene		460	U	27	460
Di-n-octyl phthalate		460	U	43	460
Fluoranthene		460	U	36	460
Fluorene		460	U	31	460
Hexachlorobenzene		460	U	36	460
Hexachlorobutadiene		460	U	28	460

Analytical Data

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Client Sample ID: **WPOL-SW21**

Lab Sample ID:	680-20904-7			Date Sampled:	10/05/2006 1115
Client Matrix:	Solid	% Moisture:	28.9	Date Received:	10/06/2006 0847

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-56877		Instrument ID:	GC/MS SemiVolatiles - E
Preparation:	3550B	Prep Batch: 680-56736		Lab File ID:	e3928.d
Dilution:	1.0			Initial Weight/Volume:	30.10 g
Date Analyzed:	10/09/2006 1125			Final Weight/Volume:	1.0 mL
Date Prepared:	10/06/2006 0815			Injection Volume:	

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Hexachlorocyclopentadiene		460	U	120	460
Hexachloroethane		460	U	28	460
Indeno[1,2,3-cd]pyrene		460	U	36	460
Isophorone		460	U	31	460
2-Methylnaphthalene		460	U	34	460
2-Methylphenol		460	U	42	460
3 & 4 Methylphenol		460	U	41	460
Naphthalene		460	U	27	460
3-Nitroaniline		2400	U	46	2400
2-Nitroaniline		2400	U	32	2400
4-Nitroaniline		2400	U	24	2400
Nitrobenzene		460	U	49	460
4-Nitrophenol		2400	U	290	2400
2-Nitrophenol		460	U	28	460
N-Nitrosodi-n-propylamine		460	U	39	460
N-Nitrosodiphenylamine		460	U	32	460
Pentachlorophenol		2400	U	120	2400
Phenanthrene		460	U	41	460
Phenol		460	U	42	460
Pyrene		460	U	28	460
1,2,4-Trichlorobenzene		460	U	29	460
2,4,5-Trichlorophenol		460	U	45	460
2,4,6-Trichlorophenol		460	U	28	460

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	49	38 - 104
2-Fluorophenol	48	36 - 101
Nitrobenzene-d5	41	33 - 94
Phenol-d5	46	38 - 102
Terphenyl-d14	46	40 - 129
2,4,6-Tribromophenol	52	27 - 124

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Client Sample ID: **WPOL-SW22**

Lab Sample ID: 680-20904-8
Client Matrix: Solid
% Moisture: 29.8
Date Sampled: 10/05/2006 1130
Date Received: 10/06/2006 0847

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3550B
Dilution: 1.0
Date Analyzed: 10/09/2006 1625
Date Prepared: 10/09/2006 1420

Analysis Batch: 680-56877
Prep Batch: 680-56906

Instrument ID: GC/MS SemiVolatiles - E
Lab File ID: e3941.d
Initial Weight/Volume: 30.00 g
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		470	U	27	470
Acenaphthylene		470	U	24	470
Anthracene		470	U	33	470
Benzidine		3800	U	120	3800
Benzo[a]anthracene		470	U	44	470
Benzo[a]pyrene		470	U	27	470
Benzo[b]fluoranthene		470	U	37	470
Benzo[g,h,i]perylene		470	U	33	470
Benzoic acid		2400	U	240	2400
Benzo[k]fluoranthene		470	U	51	470
Benzyl alcohol		470	U	54	470
Bis(2-chloroethoxy)methane		470	U	34	470
Bis(2-chloroethyl)ether		470	U	40	470
bis(chloroisopropyl) ether		470	U	50	470
Bis(2-ethylhexyl) phthalate		470	U	54	470
4-Bromophenyl phenyl ether		470	U	44	470
Butyl benzyl phthalate		470	U	38	470
4-Chloroaniline		940	U	37	940
4-Chloro-3-methylphenol		470	U	48	470
2-Chloronaphthalene		470	U	34	470
2-Chlorophenol		470	U	38	470
4-Chlorophenyl phenyl ether		470	U	27	470
Chrysene		470	U	36	470
Dibenz(a,h)anthracene		470	U	34	470
Dibenzofuran		470	U	27	470
1,2-Dichlorobenzene		470	U	33	470
1,3-Dichlorobenzene		470	U	37	470
1,4-Dichlorobenzene		470	U	31	470
3,3'-Dichlorobenzidine		940	U	43	940
2,4-Dichlorophenol		470	U	33	470
Diethyl phthalate		470	U	31	470
2,4-Dimethylphenol		470	U	50	470
Dimethyl phthalate		470	U	27	470
Di-n-butyl phthalate		470	U	40	470
4,6-Dinitro-o-cresol		2400	U	280	2400
2,4-Dinitrophenol		2400	U	240	2400
2,6-Dinitrotoluene		470	U	47	470
2,4-Dinitrotoluene		470	U	27	470
Di-n-octyl phthalate		470	U	44	470
Fluoranthene		470	U	37	470
Fluorene		470	U	31	470
Hexachlorobenzene		470	U	37	470
Hexachlorobutadiene		470	U	28	470

Analytical Data

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Client Sample ID: **WPOL-SW22**

Lab Sample ID:	680-20904-8			Date Sampled:	10/05/2006 1130
Client Matrix:	Solid	% Moisture:	29.8	Date Received:	10/06/2006 0847

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-56877		Instrument ID:	GC/MS SemiVolatiles - E
Preparation:	3550B	Prep Batch: 680-56906		Lab File ID:	e3941.d
Dilution:	1.0			Initial Weight/Volume:	30.00 g
Date Analyzed:	10/09/2006 1625			Final Weight/Volume:	1 mL
Date Prepared:	10/09/2006 1420			Injection Volume:	

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Hexachlorocyclopentadiene		470	U	120	470
Hexachloroethane		470	U	28	470
Indeno[1,2,3-cd]pyrene		470	U	37	470
Isophorone		470	U	31	470
2-Methylnaphthalene		470	U	34	470
2-Methylphenol		470	U	43	470
3 & 4 Methylphenol		470	U	41	470
Naphthalene		470	U	27	470
3-Nitroaniline		2400	U	47	2400
2-Nitroaniline		2400	U	33	2400
4-Nitroaniline		2400	U	24	2400
Nitrobenzene		470	U	50	470
4-Nitrophenol		2400	U	300	2400
2-Nitrophenol		470	U	28	470
N-Nitrosodi-n-propylamine		470	U	40	470
N-Nitrosodiphenylamine		470	U	33	470
Pentachlorophenol		2400	U	120	2400
Phenanthrene		470	U	41	470
Phenol		470	U	43	470
Pyrene		470	U	28	470
1,2,4-Trichlorobenzene		470	U	30	470
2,4,5-Trichlorophenol		470	U	46	470
2,4,6-Trichlorophenol		470	U	28	470

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	67	38 - 104
2-Fluorophenol	74	36 - 101
Nitrobenzene-d5	59	33 - 94
Phenol-d5	70	38 - 102
Terphenyl-d14	61	40 - 129
2,4,6-Tribromophenol	80	27 - 124

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Client Sample ID: **WPOL-SW24**

Lab Sample ID: 680-20904-9
Client Matrix: Solid
% Moisture: 27.1
Date Sampled: 10/05/2006 1145
Date Received: 10/06/2006 0847

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3550B
Dilution: 1.0
Date Analyzed: 10/09/2006 1602
Date Prepared: 10/09/2006 1420

Analysis Batch: 680-56877
Prep Batch: 680-56906

Instrument ID: GC/MS SemiVolatiles - E
Lab File ID: e3940.d
Initial Weight/Volume: 30.00 g
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		450	U	26	450
Acenaphthylene		450	U	23	450
Anthracene		450	U	32	450
Benzidine		3700	U	110	3700
Benzo[a]anthracene		450	U	43	450
Benzo[a]pyrene		450	U	26	450
Benzo[b]fluoranthene		450	U	36	450
Benzo[g,h,i]perylene		450	U	32	450
Benzoic acid		2300	U	230	2300
Benzo[k]fluoranthene		450	U	49	450
Benzyl alcohol		450	U	52	450
Bis(2-chloroethoxy)methane		450	U	33	450
Bis(2-chloroethyl)ether		450	U	38	450
bis(chloroisopropyl) ether		450	U	48	450
Bis(2-ethylhexyl) phthalate		450	U	52	450
4-Bromophenyl phenyl ether		450	U	43	450
Butyl benzyl phthalate		450	U	37	450
4-Chloroaniline		910	U	36	910
4-Chloro-3-methylphenol		450	U	47	450
2-Chloronaphthalene		450	U	33	450
2-Chlorophenol		450	U	37	450
4-Chlorophenyl phenyl ether		450	U	26	450
Chrysene		450	U	34	450
Dibenz(a,h)anthracene		450	U	33	450
Dibenzofuran		450	U	26	450
1,2-Dichlorobenzene		450	U	32	450
1,3-Dichlorobenzene		450	U	36	450
1,4-Dichlorobenzene		450	U	30	450
3,3'-Dichlorobenzidine		910	U	41	910
2,4-Dichlorophenol		450	U	32	450
Diethyl phthalate		450	U	30	450
2,4-Dimethylphenol		450	U	48	450
Dimethyl phthalate		450	U	26	450
Di-n-butyl phthalate		450	U	38	450
4,6-Dinitro-o-cresol		2300	U	270	2300
2,4-Dinitrophenol		2300	U	230	2300
2,6-Dinitrotoluene		450	U	45	450
2,4-Dinitrotoluene		450	U	26	450
Di-n-octyl phthalate		450	U	43	450
Fluoranthene		450	U	36	450
Fluorene		450	U	30	450
Hexachlorobenzene		450	U	36	450
Hexachlorobutadiene		450	U	27	450

Analytical Data

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Client Sample ID: **WPOL-SW24**

Lab Sample ID:	680-20904-9			Date Sampled:	10/05/2006 1145
Client Matrix:	Solid	% Moisture:	27.1	Date Received:	10/06/2006 0847

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-56877		Instrument ID:	GC/MS SemiVolatiles - E
Preparation:	3550B	Prep Batch: 680-56906		Lab File ID:	e3940.d
Dilution:	1.0			Initial Weight/Volume:	30.00 g
Date Analyzed:	10/09/2006 1602			Final Weight/Volume:	1 mL
Date Prepared:	10/09/2006 1420			Injection Volume:	

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Hexachlorocyclopentadiene		450	U	110	450
Hexachloroethane		450	U	27	450
Indeno[1,2,3-cd]pyrene		450	U	36	450
Isophorone		450	U	30	450
2-Methylnaphthalene		450	U	33	450
2-Methylphenol		450	U	41	450
3 & 4 Methylphenol		450	U	40	450
Naphthalene		450	U	26	450
3-Nitroaniline		2300	U	45	2300
2-Nitroaniline		2300	U	32	2300
4-Nitroaniline		2300	U	23	2300
Nitrobenzene		450	U	48	450
4-Nitrophenol		2300	U	290	2300
2-Nitrophenol		450	U	27	450
N-Nitrosodi-n-propylamine		450	U	38	450
N-Nitrosodiphenylamine		450	U	32	450
Pentachlorophenol		2300	U	110	2300
Phenanthrene		450	U	40	450
Phenol		450	U	41	450
Pyrene		450	U	27	450
1,2,4-Trichlorobenzene		450	U	29	450
2,4,5-Trichlorophenol		450	U	44	450
2,4,6-Trichlorophenol		450	U	27	450

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	69	38 - 104
2-Fluorophenol	71	36 - 101
Nitrobenzene-d5	62	33 - 94
Phenol-d5	68	38 - 102
Terphenyl-d14	62	40 - 129
2,4,6-Tribromophenol	74	27 - 124

Analytical Data

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Client Sample ID: **WPOL-Stockpile**

Lab Sample ID: 680-20904-11
Client Matrix: Solid
% Moisture: 27.7
Date Sampled: 10/05/2006 1330
Date Received: 10/06/2006 0847

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3550B
Dilution: 1.0
Date Analyzed: 10/09/2006 1234
Date Prepared: 10/06/2006 0815

Analysis Batch: 680-56877
Prep Batch: 680-56736

Instrument ID: GC/MS SemiVolatiles - E
Lab File ID: e3931.d
Initial Weight/Volume: 30.15 g
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		450	U	26	450
Acenaphthylene		450	U	23	450
Anthracene		450	U	32	450
Benzidine		3700	U	110	3700
Benzo[a]anthracene		450	U	43	450
Benzo[a]pyrene		450	U	26	450
Benzo[b]fluoranthene		450	U	36	450
Benzo[g,h,i]perylene		450	U	32	450
Benzoic acid		2300	U *	230	2300
Benzo[k]fluoranthene		450	U	50	450
Benzyl alcohol		450	U	52	450
Bis(2-chloroethoxy)methane		450	U	33	450
Bis(2-chloroethyl)ether		450	U	39	450
bis(chloroisopropyl) ether		450	U	48	450
Bis(2-ethylhexyl) phthalate		450	U	52	450
4-Bromophenyl phenyl ether		450	U	43	450
Butyl benzyl phthalate		450	U	37	450
4-Chloroaniline		910	U	36	910
4-Chloro-3-methylphenol		450	U	47	450
2-Chloronaphthalene		450	U	33	450
2-Chlorophenol		450	U	37	450
4-Chlorophenyl phenyl ether		450	U	26	450
Chrysene		450	U	34	450
Dibenz(a,h)anthracene		450	U	33	450
Dibenzofuran		450	U	26	450
1,2-Dichlorobenzene		450	U	32	450
1,3-Dichlorobenzene		450	U	36	450
1,4-Dichlorobenzene		450	U	30	450
3,3'-Dichlorobenzidine		910	U	41	910
2,4-Dichlorophenol		450	U	32	450
Diethyl phthalate		450	U	30	450
2,4-Dimethylphenol		450	U	48	450
Dimethyl phthalate		450	U	26	450
Di-n-butyl phthalate		450	U	39	450
4,6-Dinitro-o-cresol		2300	U	280	2300
2,4-Dinitrophenol		2300	U	230	2300
2,6-Dinitrotoluene		450	U	45	450
2,4-Dinitrotoluene		450	U	26	450
Di-n-octyl phthalate		450	U	43	450
Fluoranthene		450	U	36	450
Fluorene		450	U	30	450
Hexachlorobenzene		450	U	36	450
Hexachlorobutadiene		450	U	28	450

Analytical Data

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Client Sample ID: **WPOL-Stockpile**

Lab Sample ID:	680-20904-11			Date Sampled:	10/05/2006 1330
Client Matrix:	Solid	% Moisture:	27.7	Date Received:	10/06/2006 0847

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-56877		Instrument ID:	GC/MS SemiVolatiles - E
Preparation:	3550B	Prep Batch: 680-56736		Lab File ID:	e3931.d
Dilution:	1.0			Initial Weight/Volume:	30.15 g
Date Analyzed:	10/09/2006 1234			Final Weight/Volume:	1.0 mL
Date Prepared:	10/06/2006 0815			Injection Volume:	

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Hexachlorocyclopentadiene		450	U	110	450
Hexachloroethane		450	U	28	450
Indeno[1,2,3-cd]pyrene		450	U	36	450
Isophorone		450	U	30	450
2-Methylnaphthalene		450	U	33	450
2-Methylphenol		450	U	41	450
3 & 4 Methylphenol		450	U	40	450
Naphthalene		450	U	26	450
3-Nitroaniline		2300	U	45	2300
2-Nitroaniline		2300	U	32	2300
4-Nitroaniline		2300	U	23	2300
Nitrobenzene		450	U	48	450
4-Nitrophenol		2300	U	290	2300
2-Nitrophenol		450	U	28	450
N-Nitrosodi-n-propylamine		450	U	39	450
N-Nitrosodiphenylamine		450	U	32	450
Pentachlorophenol		2300	U	110	2300
Phenanthrene		450	U	40	450
Phenol		450	U	41	450
Pyrene		450	U	28	450
1,2,4-Trichlorobenzene		450	U	29	450
2,4,5-Trichlorophenol		450	U	44	450
2,4,6-Trichlorophenol		450	U	28	450

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	39	38 - 104
2-Fluorophenol	46	36 - 101
Nitrobenzene-d5	51	33 - 94
Phenol-d5	41	38 - 102
Terphenyl-d14	43	40 - 129
2,4,6-Tribromophenol	47	27 - 124

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Client Sample ID: **FLSS17-L13-B1R**

Lab Sample ID:	680-20904-1			Date Sampled:	10/05/2006 0910
Client Matrix:	Solid	% Moisture:	14.1	Date Received:	10/06/2006 0847

8015B Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Method:	8015B	Analysis Batch: 680-56899		Instrument ID:	GC Volatiles - A
Preparation:	5035	Prep Batch: 680-56790		Lab File ID:	PC09A7.d
Dilution:	1.0			Initial Weight/Volume:	5.1 g
Date Analyzed:	10/09/2006 1155			Final Weight/Volume:	5 g
Date Prepared:	10/06/2006 1212			Injection Volume:	
				Column ID:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Gasoline Range Organics (GRO)-C6-C10		0.29	U	0.094	0.29

Surrogate	%Rec	Acceptance Limits
a,a,a-Trifluorotoluene	94	61 - 139

Analytical Data

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Client Sample ID: FLSS17-L13-B2R

Lab Sample ID:	680-20904-2			Date Sampled:	10/05/2006 0920
Client Matrix:	Solid	% Moisture:	14.4	Date Received:	10/06/2006 0847

8015B Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Method:	8015B	Analysis Batch: 680-56899		Instrument ID:	GC Volatiles - A
Preparation:	5035	Prep Batch: 680-56790		Lab File ID:	PC09A8.d
Dilution:	1.0			Initial Weight/Volume:	4.7 g
Date Analyzed:	10/09/2006 1234			Final Weight/Volume:	5 g
Date Prepared:	10/06/2006 1212			Injection Volume:	
				Column ID:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Gasoline Range Organics (GRO)-C6-C10		0.31	U	0.10	0.31

Surrogate	%Rec	Acceptance Limits
a,a,a-Trifluorotoluene	88	61 - 139

Analytical Data

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Client Sample ID: **FLSS17-L13-B3R**

Lab Sample ID:	680-20904-3			Date Sampled:	10/05/2006 0930
Client Matrix:	Solid	% Moisture:	29.1	Date Received:	10/06/2006 0847

8015B Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Method:	8015B	Analysis Batch: 680-56899		Instrument ID:	GC Volatiles - A
Preparation:	5035	Prep Batch: 680-56790		Lab File ID:	PC09A9.d
Dilution:	1.0			Initial Weight/Volume:	4.8 g
Date Analyzed:	10/09/2006 1312			Final Weight/Volume:	5 g
Date Prepared:	10/06/2006 1212			Injection Volume:	
				Column ID:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Gasoline Range Organics (GRO)-C6-C10		0.37	U	0.12	0.37

Surrogate	%Rec	Acceptance Limits
a,a,a-Trifluorotoluene	92	61 - 139

Analytical Data

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Client Sample ID: **FLSS17-L13-B4R**

Lab Sample ID:	680-20904-4			Date Sampled:	10/05/2006 0940
Client Matrix:	Solid	% Moisture:	32.2	Date Received:	10/06/2006 0847

8015B Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Method:	8015B	Analysis Batch: 680-56899		Instrument ID:	GC Volatiles - A
Preparation:	5035	Prep Batch: 680-56790		Lab File ID:	PC09A10.d
Dilution:	1.0			Initial Weight/Volume:	4.7 g
Date Analyzed:	10/09/2006 1350			Final Weight/Volume:	5 g
Date Prepared:	10/06/2006 1212			Injection Volume:	
				Column ID:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Gasoline Range Organics (GRO)-C6-C10		0.55		0.13	0.39

Surrogate	%Rec	Acceptance Limits
a,a,a-Trifluorotoluene	81	61 - 139

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Client Sample ID: **WPOL-SW20**

Lab Sample ID: 680-20904-6
Client Matrix: Solid
% Moisture: 34.4
Date Sampled: 10/05/2006 1100
Date Received: 10/06/2006 0847

8015B Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Method: 8015B
Preparation: 5035
Dilution: 1.0
Date Analyzed: 10/10/2006 1003
Date Prepared: 10/06/2006 1212

Analysis Batch: 680-56982
Prep Batch: 680-56790

Instrument ID: GC Volatiles - A
Lab File ID: PC09A34.d
Initial Weight/Volume: 4.3 g
Final Weight/Volume: 5 g
Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Gasoline Range Organics (GRO)-C6-C10		1000		73	220

Surrogate	%Rec	Acceptance Limits
a,a,a-Trifluorotoluene	131	61 - 139

Analytical Data

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Client Sample ID: **WPOL-SW21**

Lab Sample ID:	680-20904-7			Date Sampled:	10/05/2006 1115
Client Matrix:	Solid	% Moisture:	28.9	Date Received:	10/06/2006 0847

8015B Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Method:	8015B	Analysis Batch: 680-56899		Instrument ID:	GC Volatiles - A
Preparation:	5035	Prep Batch: 680-56790		Lab File ID:	PC09A13.d
Dilution:	1.0			Initial Weight/Volume:	6.0 g
Date Analyzed:	10/09/2006 1545			Final Weight/Volume:	5 g
Date Prepared:	10/06/2006 1212			Injection Volume:	
				Column ID:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Gasoline Range Organics (GRO)-C6-C10		0.44		0.096	0.29

Surrogate	%Rec	Acceptance Limits
a,a,a-Trifluorotoluene	79	61 - 139

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Client Sample ID: **WPOL-SW22**

Lab Sample ID:	680-20904-8			Date Sampled:	10/05/2006 1130
Client Matrix:	Solid	% Moisture:	29.8	Date Received:	10/06/2006 0847

8015B Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Method:	8015B	Analysis Batch: 680-56930		Instrument ID:	GC Volatiles - A
Preparation:	5035	Prep Batch: 680-56790		Lab File ID:	PC09A14.d
Dilution:	1.0			Initial Weight/Volume:	5.4 g
Date Analyzed:	10/09/2006 1624			Final Weight/Volume:	5 g
Date Prepared:	10/06/2006 1212			Injection Volume:	
				Column ID:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Gasoline Range Organics (GRO)-C6-C10		34		2.2	6.6

Surrogate	%Rec	Acceptance Limits
a,a,a-Trifluorotoluene	101	61 - 139

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Client Sample ID: **WPOL-SW24**

Lab Sample ID:	680-20904-9			Date Sampled:	10/05/2006 1145
Client Matrix:	Solid	% Moisture:	27.1	Date Received:	10/06/2006 0847

8015B Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Method:	8015B	Analysis Batch: 680-56899		Instrument ID:	GC Volatiles - A
Preparation:	5035	Prep Batch: 680-56790		Lab File ID:	PC09A12.d
Dilution:	1.0			Initial Weight/Volume:	5.3 g
Date Analyzed:	10/09/2006 1507			Final Weight/Volume:	5 g
Date Prepared:	10/06/2006 1212			Injection Volume:	
				Column ID:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Gasoline Range Organics (GRO)-C6-C10		0.14	J	0.11	0.32

Surrogate	%Rec	Acceptance Limits
a,a,a-Trifluorotoluene	76	61 - 139

Analytical Data

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Client Sample ID: **WPOL-Stockpile**

Lab Sample ID:	680-20904-11			Date Sampled:	10/05/2006 1330
Client Matrix:	Solid	% Moisture:	27.7	Date Received:	10/06/2006 0847

8015B Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Method:	8015B	Analysis Batch: 680-56930		Instrument ID:	GC Volatiles - A
Preparation:	5035	Prep Batch: 680-56790		Lab File ID:	PC09A16.d
Dilution:	1.0			Initial Weight/Volume:	4.8 g
Date Analyzed:	10/09/2006 1741			Final Weight/Volume:	5 g
Date Prepared:	10/06/2006 1212			Injection Volume:	
				Column ID:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Gasoline Range Organics (GRO)-C6-C10		85		2.4	7.2

Surrogate	%Rec	Acceptance Limits
a,a,a-Trifluorotoluene	99	61 - 139

Analytical Data

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Client Sample ID: **FLSS17-L13-B1R**

Lab Sample ID:	680-20904-1			Date Sampled:	10/05/2006 0910
Client Matrix:	Solid	% Moisture:	14.1	Date Received:	10/06/2006 0847

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method:	8015B	Analysis Batch: 680-56923		Instrument ID:	GC SemiVolatiles - Q
Preparation:	3550B	Prep Batch: 680-56754		Lab File ID:	q0090013.d
Dilution:	1.0			Initial Weight/Volume:	30.02 g
Date Analyzed:	10/09/2006 1304			Final Weight/Volume:	1.0 mL
Date Prepared:	10/06/2006 0939			Injection Volume:	
				Column ID:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Diesel Range Organics [C10-C28]		120		2.0	3.8
Oil Range Organics (C20-C36)		230		9.9	20

Surrogate	%Rec	Acceptance Limits
o-Terphenyl	86	15 - 154

Analytical Data

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Client Sample ID: **FLSS17-L13-B2R**

Lab Sample ID:	680-20904-2			Date Sampled:	10/05/2006 0920
Client Matrix:	Solid	% Moisture:	14.4	Date Received:	10/06/2006 0847

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method:	8015B	Analysis Batch: 680-56923		Instrument ID:	GC SemiVolatiles - Q
Preparation:	3550B	Prep Batch: 680-56754		Lab File ID:	q0090015.d
Dilution:	1.0			Initial Weight/Volume:	30.05 g
Date Analyzed:	10/09/2006 1340			Final Weight/Volume:	1.0 mL
Date Prepared:	10/06/2006 0939			Injection Volume:	
				Column ID:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Diesel Range Organics [C10-C28]		78		2.0	3.8
Oil Range Organics (C20-C36)		160		9.9	20

Surrogate	%Rec	Acceptance Limits
o-Terphenyl	54	15 - 154

Analytical Data

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Client Sample ID: FLSS17-L13-B3R

Lab Sample ID:	680-20904-3			Date Sampled:	10/05/2006 0930
Client Matrix:	Solid	% Moisture:	29.1	Date Received:	10/06/2006 0847

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method:	8015B	Analysis Batch: 680-56923		Instrument ID:	GC SemiVolatiles - Q
Preparation:	3550B	Prep Batch: 680-56754		Lab File ID:	q0090010.d
Dilution:	2.0			Initial Weight/Volume:	30.13 g
Date Analyzed:	10/09/2006 1211			Final Weight/Volume:	1.0 mL
Date Prepared:	10/06/2006 0939			Injection Volume:	
				Column ID:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Diesel Range Organics [C10-C28]		150		4.8	9.3
Oil Range Organics (C20-C36)		300		24	48

Surrogate	%Rec	Acceptance Limits
o-Terphenyl	69	15 - 154

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Client Sample ID: **FLSS17-L13-B4R**

Lab Sample ID:	680-20904-4			Date Sampled:	10/05/2006 0940
Client Matrix:	Solid	% Moisture:	32.2	Date Received:	10/06/2006 0847

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method:	8015B	Analysis Batch: 680-56923		Instrument ID:	GC SemiVolatiles - Q
Preparation:	3550B	Prep Batch: 680-56754		Lab File ID:	q0090011.d
Dilution:	4.0			Initial Weight/Volume:	30.04 g
Date Analyzed:	10/09/2006 1229			Final Weight/Volume:	1.0 mL
Date Prepared:	10/06/2006 0939			Injection Volume:	
				Column ID:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Diesel Range Organics [C10-C28]		410		10	19
Oil Range Organics (C20-C36)		820		50	100

Surrogate	%Rec		Acceptance Limits
o-Terphenyl	0	D	15 - 154

Analytical Data

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Client Sample ID: **WPOL-SW20**

Lab Sample ID:	680-20904-6			Date Sampled:	10/05/2006 1100
Client Matrix:	Solid	% Moisture:	34.4	Date Received:	10/06/2006 0847

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method:	8015B	Analysis Batch: 680-56923		Instrument ID:	GC SemiVolatiles - Q
Preparation:	3550B	Prep Batch: 680-56754		Lab File ID:	q0090012.d
Dilution:	10			Initial Weight/Volume:	30.04 g
Date Analyzed:	10/09/2006 1246			Final Weight/Volume:	1.0 mL
Date Prepared:	10/06/2006 0939			Injection Volume:	
				Column ID:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Diesel Range Organics [C10-C28]		3900		26	50
Oil Range Organics (C20-C36)		260	U	130	260

Surrogate	%Rec		Acceptance Limits
o-Terphenyl	0	D	15 - 154

Analytical Data

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Client Sample ID: **WPOL-SW21**

Lab Sample ID:	680-20904-7			Date Sampled:	10/05/2006 1115
Client Matrix:	Solid	% Moisture:	28.9	Date Received:	10/06/2006 0847

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method:	8015B	Analysis Batch: 680-56923		Instrument ID:	GC SemiVolatiles - Q
Preparation:	3550B	Prep Batch: 680-56754		Lab File ID:	q0090016.d
Dilution:	1.0			Initial Weight/Volume:	30.01 g
Date Analyzed:	10/09/2006 1358			Final Weight/Volume:	1.0 mL
Date Prepared:	10/06/2006 0939			Injection Volume:	
				Column ID:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Diesel Range Organics [C10-C28]		4.5	J	2.4	4.6
Oil Range Organics (C20-C36)		24	U	12	24

Surrogate	%Rec	Acceptance Limits
o-Terphenyl	61	15 - 154

Analytical Data

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Client Sample ID: **WPOL-SW22**

Lab Sample ID:	680-20904-8			Date Sampled:	10/05/2006 1130
Client Matrix:	Solid	% Moisture:	29.8	Date Received:	10/06/2006 0847

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method:	8015B	Analysis Batch: 680-56923		Instrument ID:	GC SemiVolatiles - Q
Preparation:	3550B	Prep Batch: 680-56754		Lab File ID:	q0090017.d
Dilution:	1.0			Initial Weight/Volume:	30.02 g
Date Analyzed:	10/09/2006 1416			Final Weight/Volume:	1.0 mL
Date Prepared:	10/06/2006 0939			Injection Volume:	
				Column ID:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Diesel Range Organics [C10-C28]		340		2.4	4.7
Oil Range Organics (C20-C36)		24	U	12	24

Surrogate	%Rec	Acceptance Limits
o-Terphenyl	55	15 - 154

Analytical Data

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Client Sample ID: WPOL-SW24

Lab Sample ID:	680-20904-9			Date Sampled:	10/05/2006 1145
Client Matrix:	Solid	% Moisture:	27.1	Date Received:	10/06/2006 0847

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method:	8015B	Analysis Batch: 680-56923		Instrument ID:	GC SemiVolatiles - Q
Preparation:	3550B	Prep Batch: 680-56754		Lab File ID:	q0090018.d
Dilution:	1.0			Initial Weight/Volume:	30.01 g
Date Analyzed:	10/09/2006 1433			Final Weight/Volume:	1.0 mL
Date Prepared:	10/06/2006 0939			Injection Volume:	
				Column ID:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Diesel Range Organics [C10-C28]		2.8	J	2.3	4.5
Oil Range Organics (C20-C36)		23	U	12	23

Surrogate	%Rec	Acceptance Limits
o-Terphenyl	71	15 - 154

Analytical Data

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Client Sample ID: **WPOL-Stockpile**

Lab Sample ID:	680-20904-11			Date Sampled:	10/05/2006 1330
Client Matrix:	Solid	% Moisture:	27.7	Date Received:	10/06/2006 0847

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method:	8015B	Analysis Batch: 680-56923		Instrument ID:	GC SemiVolatiles - Q
Preparation:	3550B	Prep Batch: 680-56754		Lab File ID:	q0090019.d
Dilution:	1.0			Initial Weight/Volume:	30.00 g
Date Analyzed:	10/09/2006 1451			Final Weight/Volume:	1.0 mL
Date Prepared:	10/06/2006 0939			Injection Volume:	
				Column ID:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Diesel Range Organics [C10-C28]		260		2.4	4.6
Oil Range Organics (C20-C36)		24	U	12	24

Surrogate	%Rec	Acceptance Limits
o-Terphenyl	54	15 - 154

General Chemistry

Client Sample ID: FLSS17-L13-B1R

Lab Sample ID: 680-20904-1
Client Matrix: Solid

Date Sampled: 10/05/2006 0910
Date Received: 10/06/2006 0847

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	14		%	1.0	1.0	1.0	PercentMoisture
	Anly Batch: 680-56777	Date Analyzed	10/06/2006 1114				
Percent Solids	86		%	1.0	1.0	1.0	PercentMoisture
	Anly Batch: 680-56777	Date Analyzed	10/06/2006 1114				

Client Sample ID: FLSS17-L13-B2R

Lab Sample ID: 680-20904-2
Client Matrix: Solid

Date Sampled: 10/05/2006 0920
Date Received: 10/06/2006 0847

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	14		%	1.0	1.0	1.0	PercentMoisture
	Anly Batch: 680-56777	Date Analyzed	10/06/2006 1114				
Percent Solids	86		%	1.0	1.0	1.0	PercentMoisture
	Anly Batch: 680-56777	Date Analyzed	10/06/2006 1114				

Client Sample ID: FLSS17-L13-B3R

Lab Sample ID: 680-20904-3
Client Matrix: Solid

Date Sampled: 10/05/2006 0930
Date Received: 10/06/2006 0847

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	29		%	1.0	1.0	1.0	PercentMoisture
	Anly Batch: 680-56777	Date Analyzed	10/06/2006 1114				
Percent Solids	71		%	1.0	1.0	1.0	PercentMoisture
	Anly Batch: 680-56777	Date Analyzed	10/06/2006 1114				

General Chemistry

Client Sample ID: FLSS17-L13-B4R

Lab Sample ID: 680-20904-4
Client Matrix: Solid

Date Sampled: 10/05/2006 0940
Date Received: 10/06/2006 0847

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	32		%	1.0	1.0	1.0	PercentMoisture
	Anly Batch: 680-56777	Date Analyzed	10/06/2006 1114				
Percent Solids	68		%	1.0	1.0	1.0	PercentMoisture
	Anly Batch: 680-56777	Date Analyzed	10/06/2006 1114				

Client Sample ID: WPOL-SW20

Lab Sample ID: 680-20904-6
Client Matrix: Solid

Date Sampled: 10/05/2006 1100
Date Received: 10/06/2006 0847

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	34		%	1.0	1.0	1.0	PercentMoisture
	Anly Batch: 680-56777	Date Analyzed	10/06/2006 1114				
Percent Solids	66		%	1.0	1.0	1.0	PercentMoisture
	Anly Batch: 680-56777	Date Analyzed	10/06/2006 1114				

Client Sample ID: WPOL-SW21

Lab Sample ID: 680-20904-7
Client Matrix: Solid

Date Sampled: 10/05/2006 1115
Date Received: 10/06/2006 0847

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	29		%	1.0	1.0	1.0	PercentMoisture
	Anly Batch: 680-56777	Date Analyzed	10/06/2006 1114				
Percent Solids	71		%	1.0	1.0	1.0	PercentMoisture
	Anly Batch: 680-56777	Date Analyzed	10/06/2006 1114				

General Chemistry

Client Sample ID: WPOL-SW22

Lab Sample ID: 680-20904-8
Client Matrix: Solid

Date Sampled: 10/05/2006 1130
Date Received: 10/06/2006 0847

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	30		%	1.0	1.0	1.0	PercentMoisture
	Anly Batch: 680-56777	Date Analyzed	10/06/2006 1114				
Percent Solids	70		%	1.0	1.0	1.0	PercentMoisture
	Anly Batch: 680-56777	Date Analyzed	10/06/2006 1114				

Client Sample ID: WPOL-SW24

Lab Sample ID: 680-20904-9
Client Matrix: Solid

Date Sampled: 10/05/2006 1145
Date Received: 10/06/2006 0847

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	27		%	1.0	1.0	1.0	PercentMoisture
	Anly Batch: 680-56777	Date Analyzed	10/06/2006 1114				
Percent Solids	73		%	1.0	1.0	1.0	PercentMoisture
	Anly Batch: 680-56777	Date Analyzed	10/06/2006 1114				

Client Sample ID: WPOL-Stockpile

Lab Sample ID: 680-20904-11
Client Matrix: Solid

Date Sampled: 10/05/2006 1330
Date Received: 10/06/2006 0847

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	28		%	1.0	1.0	1.0	PercentMoisture
	Anly Batch: 680-56777	Date Analyzed	10/06/2006 1114				
Percent Solids	72		%	1.0	1.0	1.0	PercentMoisture
	Anly Batch: 680-56777	Date Analyzed	10/06/2006 1114				

DATA REPORTING QUALIFIERS

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Indicates the analyte was analyzed for but not detected.
	*	LCS or LCSD exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	X	Surrogate exceeds the control limits
GC/MS Semi VOA		
	U	Indicates the analyte was analyzed for but not detected.
	*	LCS or LCSD exceeds the control limits
	F	MS or MSD exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	X	Surrogate exceeds the control limits
GC VOA		
	U	Indicates the analyte was analyzed for but not detected.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
GC Semi VOA		
	U	Indicates the analyte was analyzed for but not detected.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:680-56773					
LCS 680-56773/4	Lab Control Spike	T	Solid	8260B	
MB 680-56773/5	Method Blank	T	Solid	8260B	
680-20904-1	FLSS17-L13-B1R	T	Solid	8260B	680-56790
680-20904-2	FLSS17-L13-B2R	T	Solid	8260B	680-56790
680-20904-3	FLSS17-L13-B3R	T	Solid	8260B	680-56790
680-20904-4	FLSS17-L13-B4R	T	Solid	8260B	680-56790
680-20904-7	WPOL-SW21	T	Solid	8260B	680-56790
680-20904-9	WPOL-SW24	T	Solid	8260B	680-56790
Prep Batch: 680-56790					
680-20904-1	FLSS17-L13-B1R	T	Solid	5035	
680-20904-2	FLSS17-L13-B2R	T	Solid	5035	
680-20904-3	FLSS17-L13-B3R	T	Solid	5035	
680-20904-4	FLSS17-L13-B4R	T	Solid	5035	
680-20904-6	WPOL-SW20	T	Solid	5035	
680-20904-6RA	WPOL-SW20	T	Solid	5035	
680-20904-7	WPOL-SW21	T	Solid	5035	
680-20904-8	WPOL-SW22	T	Solid	5035	
680-20904-9	WPOL-SW24	T	Solid	5035	
680-20904-11	WPOL-Stockpile	T	Solid	5035	
Analysis Batch:680-56975					
LCS 680-56975/9	Lab Control Spike	T	Solid	8260B	
MB 680-56975/11	Method Blank	T	Solid	8260B	
680-20904-6	WPOL-SW20	T	Solid	8260B	680-56790
680-20904-6RA	WPOL-SW20	T	Solid	8260B	680-56790
680-20904-8	WPOL-SW22	T	Solid	8260B	680-56790
680-20904-11	WPOL-Stockpile	T	Solid	8260B	680-56790
Analysis Batch:680-56985					
LCS 680-56985/2	Lab Control Spike	T	Water	8260B	
MB 680-56985/3	Method Blank	T	Water	8260B	
680-20904-5	Trip Blank	T	Water	8260B	
680-20904-12	Trip Blank	T	Water	8260B	
680-20904-13	Trip Blank	T	Water	8260B	

Report Basis
T = Total

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 680-56736					
LCS 680-56736/22-A	Lab Control Spike	T	Solid	3550B	
MB 680-56736/21-A	Method Blank	T	Solid	3550B	
680-20904-1	FLSS17-L13-B1R	T	Solid	3550B	
680-20904-1MS	Matrix Spike	T	Solid	3550B	
680-20904-1MSD	Matrix Spike Duplicate	T	Solid	3550B	
680-20904-2	FLSS17-L13-B2R	T	Solid	3550B	
680-20904-3	FLSS17-L13-B3R	T	Solid	3550B	
680-20904-4	FLSS17-L13-B4R	T	Solid	3550B	
680-20904-6	WPOL-SW20	T	Solid	3550B	
680-20904-7	WPOL-SW21	T	Solid	3550B	
680-20904-11	WPOL-Stockpile	T	Solid	3550B	
Analysis Batch:680-56877					
LCS 680-56736/22-A	Lab Control Spike	T	Solid	8270C	680-56736
MB 680-56736/21-A	Method Blank	T	Solid	8270C	680-56736
MB 680-56906/3-A	Method Blank	T	Solid	8270C	680-56906
680-20904-1	FLSS17-L13-B1R	T	Solid	8270C	680-56736
680-20904-1MS	Matrix Spike	T	Solid	8270C	680-56736
680-20904-1MSD	Matrix Spike Duplicate	T	Solid	8270C	680-56736
680-20904-2	FLSS17-L13-B2R	T	Solid	8270C	680-56736
680-20904-3	FLSS17-L13-B3R	T	Solid	8270C	680-56736
680-20904-4	FLSS17-L13-B4R	T	Solid	8270C	680-56736
680-20904-6	WPOL-SW20	T	Solid	8270C	680-56736
680-20904-7	WPOL-SW21	T	Solid	8270C	680-56736
680-20904-8	WPOL-SW22	T	Solid	8270C	680-56906
680-20904-9	WPOL-SW24	T	Solid	8270C	680-56906
680-20904-11	WPOL-Stockpile	T	Solid	8270C	680-56736
Prep Batch: 680-56906					
LCS 680-56906/4-A	Lab Control Spike	T	Solid	3550B	
MB 680-56906/3-A	Method Blank	T	Solid	3550B	
680-20904-8	WPOL-SW22	T	Solid	3550B	
680-20904-9	WPOL-SW24	T	Solid	3550B	
Analysis Batch:680-56955					
LCS 680-56906/4-A	Lab Control Spike	T	Solid	8270C	680-56906

Report Basis
T = Total

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC VOA					
Prep Batch: 680-56790					
680-20904-1	FLSS17-L13-B1R	T	Solid	5035	
680-20904-2	FLSS17-L13-B2R	T	Solid	5035	
680-20904-3	FLSS17-L13-B3R	T	Solid	5035	
680-20904-4	FLSS17-L13-B4R	T	Solid	5035	
680-20904-6	WPOL-SW20	T	Solid	5035	
680-20904-7	WPOL-SW21	T	Solid	5035	
680-20904-8	WPOL-SW22	T	Solid	5035	
680-20904-9	WPOL-SW24	T	Solid	5035	
680-20904-11	WPOL-Stockpile	T	Solid	5035	
Analysis Batch:680-56899					
LCS 680-56899/1	Lab Control Spike	T	Solid	8015B	
MB 680-56899/2	Method Blank	T	Solid	8015B	
680-20904-1	FLSS17-L13-B1R	T	Solid	8015B	680-56790
680-20904-2	FLSS17-L13-B2R	T	Solid	8015B	680-56790
680-20904-3	FLSS17-L13-B3R	T	Solid	8015B	680-56790
680-20904-4	FLSS17-L13-B4R	T	Solid	8015B	680-56790
680-20904-7	WPOL-SW21	T	Solid	8015B	680-56790
680-20904-9	WPOL-SW24	T	Solid	8015B	680-56790
Analysis Batch:680-56930					
LCS 680-56930/2	Lab Control Spike	T	Solid	8015B	
MB 680-56930/3	Method Blank	T	Solid	8015B	
680-20904-8	WPOL-SW22	T	Solid	8015B	680-56790
680-20904-11	WPOL-Stockpile	T	Solid	8015B	680-56790
Analysis Batch:680-56982					
LCS 680-56982/1	Lab Control Spike	T	Solid	8015B	
MB 680-56982/2	Method Blank	T	Solid	8015B	
680-20904-6	WPOL-SW20	T	Solid	8015B	680-56790

Report Basis
T = Total

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 680-56754					
LCS 680-56754/20-A	Lab Control Spike	T	Solid	3550B	
MB 680-56754/19-A	Method Blank	T	Solid	3550B	
680-20904-1	FLSS17-L13-B1R	T	Solid	3550B	
680-20904-2	FLSS17-L13-B2R	T	Solid	3550B	
680-20904-3	FLSS17-L13-B3R	T	Solid	3550B	
680-20904-4	FLSS17-L13-B4R	T	Solid	3550B	
680-20904-6	WPOL-SW20	T	Solid	3550B	
680-20904-7	WPOL-SW21	T	Solid	3550B	
680-20904-8	WPOL-SW22	T	Solid	3550B	
680-20904-9	WPOL-SW24	T	Solid	3550B	
680-20904-11	WPOL-Stockpile	T	Solid	3550B	
Analysis Batch:680-56923					
LCS 680-56754/20-A	Lab Control Spike	T	Solid	8015B	680-56754
MB 680-56754/19-A	Method Blank	T	Solid	8015B	680-56754
680-20904-1	FLSS17-L13-B1R	T	Solid	8015B	680-56754
680-20904-2	FLSS17-L13-B2R	T	Solid	8015B	680-56754
680-20904-3	FLSS17-L13-B3R	T	Solid	8015B	680-56754
680-20904-4	FLSS17-L13-B4R	T	Solid	8015B	680-56754
680-20904-6	WPOL-SW20	T	Solid	8015B	680-56754
680-20904-7	WPOL-SW21	T	Solid	8015B	680-56754
680-20904-8	WPOL-SW22	T	Solid	8015B	680-56754
680-20904-9	WPOL-SW24	T	Solid	8015B	680-56754
680-20904-11	WPOL-Stockpile	T	Solid	8015B	680-56754

Report Basis
T = Total

General Chemistry

Analysis Batch:680-56777					
680-20904-1	FLSS17-L13-B1R	T	Solid	PercentMoisture	
680-20904-2	FLSS17-L13-B2R	T	Solid	PercentMoisture	
680-20904-3	FLSS17-L13-B3R	T	Solid	PercentMoisture	
680-20904-4	FLSS17-L13-B4R	T	Solid	PercentMoisture	
680-20904-6	WPOL-SW20	T	Solid	PercentMoisture	
680-20904-7	WPOL-SW21	T	Solid	PercentMoisture	
680-20904-8	WPOL-SW22	T	Solid	PercentMoisture	
680-20904-9	WPOL-SW24	T	Solid	PercentMoisture	
680-20904-11	WPOL-Stockpile	T	Solid	PercentMoisture	

Report Basis
T = Total

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Surrogate Recovery Report

8260B Volatile Organic Compounds by GC/MS

Client Matrix: Solid

Lab Sample ID	Client Sample	(BFB) (%Rec)		(DBFM) (%Rec)	(TOL) (%Rec)
LCS 680-56773/4		94		97	102
LCS 680-56975/9		96		90	99
MB 680-56773/5		94		99	99
MB 680-56975/11		89		91	99
680-20904-1	FLSS17-L13-B1R	98		102	92
680-20904-2	FLSS17-L13-B2R	96		107	90
680-20904-3	FLSS17-L13-B3R	94		97	83
680-20904-4	FLSS17-L13-B4R	97		99	93
680-20904-6	WPOL-SW20	128	X	92	108
680-20904-6RA	WPOL-SW20	122	X	100	109
680-20904-7	WPOL-SW21	99		105	99
680-20904-8	WPOL-SW22	105		99	102
680-20904-9	WPOL-SW24	102		100	101
680-20904-11	WPOL-Stockpile	104		102	120

Surrogate		Acceptance Limits
(BFB)	4-Bromofluorobenzene	68 - 121
(DBFM)	Dibromofluoromethane	66 - 127
(TOL)	Toluene-d8 (Surr)	65 - 128

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Surrogate Recovery Report

8260B Volatile Organic Compounds by GC/MS

Client Matrix: Water

Lab Sample ID	Client Sample	(BFB) (%Rec)	(DBFM) (%Rec)	(TOL) (%Rec)
LCS 680-56985/2		109	110	102
MB 680-56985/3		92	114	93
680-20904-5	Trip Blank	94	114	99
680-20904-12	Trip Blank	94	114	98
680-20904-13	Trip Blank	97	117	100

Surrogate		Acceptance Limits
(BFB)	4-Bromofluorobenzene	77 - 120
(DBFM)	Dibromofluoromethane	75 - 123
(TOL)	Toluene-d8 (Surr)	79 - 122

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Surrogate Recovery Report

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample	(2FP) (%Rec)	(FBP) (%Rec)	(NBZ) (%Rec)	(PHL) (%Rec)	(TBP) (%Rec)	(TPH) (%Rec)
680-20904-1MS	FLSS17-L13-B1R	35 X	40	33	36 X	52	42
680-20904-1MSD	FLSS17-L13-B1R	39	41	35	38	53	44
LCS 680-56736/22-A		82	82	73	83	101	79
LCS 680-56906/4-A		93	87	84	90	102	81
MB 680-56736/21-A		74	74	64	70	63	73
MB 680-56906/3-A		84	78	76	78	84	75
680-20904-1	FLSS17-L13-B1R	59	59	50	56	62	53
680-20904-2	FLSS17-L13-B2R	47	50	41	47	56	47
680-20904-3	FLSS17-L13-B3R	48	50	43	45	54	44
680-20904-4	FLSS17-L13-B4R	50	54	46	47	56	45
680-20904-6	WPOL-SW20	47	43	82	40	53	40
680-20904-7	WPOL-SW21	48	49	41	46	52	46
680-20904-8	WPOL-SW22	74	67	59	70	80	61
680-20904-9	WPOL-SW24	71	69	62	68	74	62
680-20904-11	WPOL-Stockpile	46	39	51	41	47	43

Surrogate		Acceptance Limits
(2FP)	2-Fluorophenol	36 - 101
(FBP)	2-Fluorobiphenyl	38 - 104
(NBZ)	Nitrobenzene-d5	33 - 94
(PHL)	Phenol-d5	38 - 102
(TBP)	2,4,6-Tribromophenol	27 - 124
(TPH)	Terphenyl-d14	40 - 129

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Surrogate Recovery Report

8015B Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Client Matrix: Solid

Lab Sample ID	Client Sample	(TFT) (%Rec)
LCS 680-56899/1		92
LCS 680-56930/2		91
LCS 680-56982/1		86
MB 680-56899/2		85
MB 680-56930/3		89
MB 680-56982/2		81
680-20904-1	FLSS17-L13-B1R	94
680-20904-2	FLSS17-L13-B2R	88
680-20904-3	FLSS17-L13-B3R	92
680-20904-4	FLSS17-L13-B4R	81
680-20904-6	WPOL-SW20	131
680-20904-7	WPOL-SW21	79
680-20904-8	WPOL-SW22	101
680-20904-9	WPOL-SW24	76
680-20904-11	WPOL-Stockpile	99

Surrogate		Acceptance Limits
(TFT)	a,a,a-Trifluorotoluene	61 - 139

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Surrogate Recovery Report

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Client Matrix: Solid

Lab Sample ID	Client Sample	(OTPH) (%Rec)
LCS 680-56754/20-A		100
MB 680-56754/19-A		98
680-20904-1	FLSS17-L13-B1R	86
680-20904-2	FLSS17-L13-B2R	54
680-20904-3	FLSS17-L13-B3R	69
680-20904-4	FLSS17-L13-B4R	0 D
680-20904-6	WPOL-SW20	0 D
680-20904-7	WPOL-SW21	61
680-20904-8	WPOL-SW22	55
680-20904-9	WPOL-SW24	71
680-20904-11	WPOL-Stockpile	54

Surrogate		Acceptance Limits
(OTPH)	o-Terphenyl	15 - 154

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Method Blank - Batch: 680-56773

Method: 8260B
Preparation: N/A

Lab Sample ID: MB 680-56773/5
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/06/2006 1319
Date Prepared: N/A

Analysis Batch: 680-56773
Prep Batch: N/A
Units: ug/Kg

Instrument ID: GC/MS Volatiles - L
Lab File ID: lq446.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 g

Analyte	Result	Qual	MDL	RL
Acetone	50	U	3.0	50
Acetonitrile	200	U	28	200
Acrolein	100	U	11	100
Bromobenzene	5.0	U	0.93	5.0
Acrylonitrile	100	U	16	100
Bromochloromethane	5.0	U	0.95	5.0
Benzene	5.0	U	0.86	5.0
Dichlorobromomethane	5.0	U	1.0	5.0
Bromoform	5.0	U	2.2	5.0
Methyl bromide	5.0	U	1.3	5.0
Methyl Ethyl Ketone	25	U	4.0	25
n-Butylbenzene	5.0	U	0.99	5.0
Carbon disulfide	5.0	U	1.0	5.0
sec-Butylbenzene	5.0	U	1.1	5.0
Carbon tetrachloride	5.0	U	0.89	5.0
tert-Butylbenzene	5.0	U	1.2	5.0
Chlorobenzene	5.0	U	0.69	5.0
Chloroethane	5.0	U	1.5	5.0
Chloroform	5.0	U	0.88	5.0
Methyl chloride	5.0	U	0.70	5.0
Allyl chloride	5.0	U	1.2	5.0
Chlorodibromomethane	5.0	U	1.1	5.0
1,2-Dibromo-3-Chloropropane	10	U	4.6	10
1,2-Dibromoethane	5.0	U	1.4	5.0
2-Chlorotoluene	5.0	U	1.4	5.0
Methylene bromide	5.0	U	1.3	5.0
4-Chlorotoluene	5.0	U	0.78	5.0
trans-1,4-Dichloro-2-butene	10	U	4.0	10
Dichlorodifluoromethane	5.0	U	2.5	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	1.2	5.0
1,1-Dichloroethylene	5.0	U	1.1	5.0
o-Dichlorobenzene	5.0	U	1.8	5.0
trans-1,2-Dichloroethylene	5.0	U	1.1	5.0
1,2-Dichloropropane	5.0	U	1.3	5.0
m-Dichlorobenzene	5.0	U	1.1	5.0
cis-1,3-Dichloropropene	5.0	U	0.91	5.0
p-Dichlorobenzene	5.0	U	1.4	5.0
trans-1,3-Dichloropropene	5.0	U	1.1	5.0
Ethylbenzene	5.0	U	0.87	5.0
Ethyl methacrylate	5.0	U	0.77	5.0

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Method Blank - Batch: 680-56773

Method: 8260B
Preparation: N/A

Lab Sample ID: MB 680-56773/5
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/06/2006 1319
Date Prepared: N/A

Analysis Batch: 680-56773
Prep Batch: N/A
Units: ug/Kg

Instrument ID: GC/MS Volatiles - L
Lab File ID: lq446.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 g

Analyte	Result	Qual	MDL	RL
2-Hexanone	25	U	5.4	25
cis-Dichloroethylene	5.0	U	0.88	5.0
Methyl iodide	5.0	U	1.0	5.0
Methacrylonitrile	100	U	16	100
Methylene Chloride	5.0	U	1.6	5.0
Methyl methacrylate	5.0	U	1.7	5.0
1,3-Dichloropropane	5.0	U	1.2	5.0
4-Methyl-2-pentanone (MIBK)	25	U	5.8	25
2,2-Dichloropropane	5.0	U	1.2	5.0
Pentachloroethane	25	U	4.6	25
1,1-Dichloropropene	5.0	U	1.4	5.0
Propionitrile	100	U	23	100
Styrene	5.0	U	0.85	5.0
1,1,1,2-Tetrachloroethane	5.0	U	1.4	5.0
1,1,2,2-Tetrachloroethane	5.0	U	1.0	5.0
Tetrachloroethylene	5.0	U	1.0	5.0
Hexachlorobutadiene	5.0	U	1.6	5.0
Toluene	5.0	U	1.0	5.0
1,1,1-Trichloroethane	5.0	U	0.85	5.0
1,1,2-Trichloroethane	5.0	U	1.2	5.0
Trichloroethylene	5.0	U	1.2	5.0
Isopropylbenzene	5.0	U	0.99	5.0
Trichlorofluoromethane	5.0	U	1.4	5.0
1,2,3-Trichloropropane	5.0	U	2.7	5.0
p-Isopropyltoluene	5.0	U	1.2	5.0
Vinyl acetate	10	U	1.9	10
Vinyl chloride	5.0	U	0.92	5.0
Methyl tert-butyl ether	50	U	1.8	50
Naphthalene	5.0	U	3.4	5.0
N-Propylbenzene	5.0	U	1.2	5.0
1,2,3-Trichlorobenzene	5.0	U	1.0	5.0
1,2,4-Trichlorobenzene	5.0	U	2.2	5.0
Freon 113	5.0	U	1.0	5.0
1,2,4-Trimethylbenzene	5.0	U	1.0	5.0
1,3,5-Trimethylbenzene	5.0	U	1.3	5.0
o-Xylene	5.0	U	1.4	5.0
m-Xylene & p-Xylene	10	U	2.0	10
1-Chlorohexane	5.0	U	0.78	5.0
Hexane	5.0	U	2.3	5.0

Surrogate	% Rec	Acceptance Limits

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	94	68 - 121
Dibromofluoromethane	99	66 - 127
Toluene-d8 (Surr)	99	65 - 128

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Lab Control Spike - Batch: 680-56773

Method: 8260B
Preparation: N/A

Lab Sample ID: LCS 680-56773/4
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/06/2006 1238
Date Prepared: N/A

Analysis Batch: 680-56773
Prep Batch: N/A
Units: ug/Kg

Instrument ID: GC/MS Volatiles - L
Lab File ID: lq445.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 g

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	100	104	104	28 - 143	
Bromobenzene	50.0	44.8	90	77 - 147	
Bromochloromethane	50.0	48.4	97	63 - 136	
Benzene	50.0	49.7	99	79 - 118	
Dichlorobromomethane	50.0	56.1	112	74 - 128	
Bromoform	50.0	47.7	95	62 - 137	
Methyl bromide	50.0	45.2	90	26 - 160	
Methyl Ethyl Ketone	100	101	101	30 - 149	
n-Butylbenzene	50.0	50.3	101	59 - 120	
Carbon disulfide	50.0	39.5	79	32 - 157	
sec-Butylbenzene	50.0	47.7	95	60 - 128	
Carbon tetrachloride	50.0	53.4	107	62 - 140	
tert-Butylbenzene	50.0	46.8	94	62 - 140	
Chlorobenzene	50.0	48.1	96	81 - 120	
Chloroethane	50.0	49.2	98	20 - 140	
Chloroform	50.0	47.3	95	77 - 125	
Methyl chloride	50.0	51.3	103	42 - 140	
Chlorodibromomethane	50.0	49.4	99	67 - 135	
1,2-Dibromo-3-Chloropropane	50.0	47.7	95	21 - 180	
1,2-Dibromoethane	50.0	56.8	114	76 - 130	
2-Chlorotoluene	50.0	47.3	95	49 - 219	
Methylene bromide	50.0	52.4	105	71 - 134	
4-Chlorotoluene	50.0	46.6	93	45 - 218	
Dichlorodifluoromethane	50.0	45.0	90	70 - 130	
1,1-Dichloroethane	50.0	46.8	94	43 - 157	
1,2-Dichloroethane	50.0	55.8	112	65 - 133	
1,1-Dichloroethylene	50.0	42.1	84	52 - 143	
o-Dichlorobenzene	50.0	47.1	94	81 - 122	
trans-1,2-Dichloroethylene	50.0	42.3	85	35 - 154	
1,2-Dichloropropane	50.0	53.0	106	77 - 118	
m-Dichlorobenzene	50.0	44.8	90	84 - 120	
cis-1,3-Dichloropropene	50.0	54.1	108	71 - 123	
p-Dichlorobenzene	50.0	45.6	91	67 - 133	
trans-1,3-Dichloropropene	50.0	55.5	111	75 - 126	
Ethylbenzene	50.0	48.0	96	82 - 118	
2-Hexanone	100	102	102	30 - 148	
cis-Dichloroethylene	50.0	46.8	94	69 - 131	
Methylene Chloride	50.0	47.0	94	54 - 150	
1,3-Dichloropropane	50.0	56.6	113	73 - 146	
4-Methyl-2-pentanone (MIBK)	100	116	116	29 - 150	
2,2-Dichloropropane	50.0	44.6	89	28 - 187	
1,1-Dichloropropene	50.0	64.7	129	76 - 126	*

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Lab Control Spike - Batch: 680-56773

Method: 8260B
Preparation: N/A

Lab Sample ID: LCS 680-56773/4
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/06/2006 1238
Date Prepared: N/A

Analysis Batch: 680-56773
Prep Batch: N/A
Units: ug/Kg

Instrument ID: GC/MS Volatiles - L
Lab File ID: lq445.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 g

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Styrene	50.0	46.7	93	80 - 118	
1,1,1,2-Tetrachloroethane	50.0	48.7	97	70 - 130	
1,1,2,2-Tetrachloroethane	50.0	47.4	95	64 - 130	
Tetrachloroethylene	50.0	46.5	93	79 - 132	
Hexachlorobutadiene	50.0	47.0	94	29 - 135	
Toluene	50.0	51.9	104	80 - 118	
1,1,1-Trichloroethane	50.0	52.9	106	58 - 139	
1,1,2-Trichloroethane	50.0	55.9	112	76 - 120	
Trichloroethylene	50.0	49.8	100	80 - 122	
Isopropylbenzene	50.0	46.6	93	75 - 134	
Trichlorofluoromethane	50.0	47.7	95	38 - 146	
1,2,3-Trichloropropane	50.0	51.8	104	33 - 210	
p-Isopropyltoluene	50.0	48.3	97	39 - 141	
Vinyl acetate	100	105	105	1 - 184	
Vinyl chloride	50.0	49.6	99	34 - 154	
Methyl tert-butyl ether	100	90.4	90	37 - 168	
Naphthalene	50.0	46.3	93	42 - 250	
N-Propylbenzene	50.0	47.4	95	67 - 134	
1,2,3-Trichlorobenzene	50.0	46.1	92	29 - 169	
1,2,4-Trichlorobenzene	50.0	46.3	93	49 - 152	
Freon 113	50.0	44.8	90	70 - 130	
1,2,4-Trimethylbenzene	50.0	48.9	98	74 - 133	
1,3,5-Trimethylbenzene	50.0	47.9	96	72 - 124	
o-Xylene	50.0	47.6	95	74 - 122	
m-Xylene & p-Xylene	100	94.9	95	74 - 121	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	94	68 - 121
Dibromofluoromethane	97	66 - 127
Toluene-d8 (Surr)	102	65 - 128

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Method Blank - Batch: 680-56975

Method: 8260B
Preparation: N/A

Lab Sample ID: MB 680-56975/11
Client Matrix: Solid
Dilution: 40
Date Analyzed: 10/10/2006 1533
Date Prepared: N/A

Analysis Batch: 680-56975
Prep Batch: N/A
Units: ug/Kg

Instrument ID: GC/MS Volatiles - L
Lab File ID: lq577.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 g

Analyte	Result	Qual	MDL	RL
Acetone	2000	U	120	2000
Acetonitrile	8000	U	1100	8000
Acrolein	4000	U	440	4000
Bromobenzene	200	U	37	200
Acrylonitrile	4000	U	630	4000
Bromochloromethane	200	U	38	200
Benzene	200	U	34	200
Dichlorobromomethane	200	U	40	200
Bromoform	200	U	88	200
Methyl bromide	200	U	52	200
Methyl Ethyl Ketone	1000	U	160	1000
n-Butylbenzene	200	U	40	200
Carbon disulfide	200	U	40	200
sec-Butylbenzene	200	U	44	200
Carbon tetrachloride	200	U	36	200
tert-Butylbenzene	200	U	48	200
Chlorobenzene	200	U	28	200
Chloroethane	200	U	60	200
Chloroform	200	U	35	200
Methyl chloride	200	U	28	200
Allyl chloride	200	U	48	200
Chlorodibromomethane	200	U	44	200
1,2-Dibromo-3-Chloropropane	400	U	180	400
1,2-Dibromoethane	200	U	56	200
2-Chlorotoluene	200	U	56	200
Methylene bromide	200	U	52	200
4-Chlorotoluene	200	U	31	200
trans-1,4-Dichloro-2-butene	400	U	160	400
Dichlorodifluoromethane	200	U	100	200
1,1-Dichloroethane	200	U	40	200
1,2-Dichloroethane	200	U	48	200
1,1-Dichloroethylene	200	U	44	200
o-Dichlorobenzene	200	U	72	200
trans-1,2-Dichloroethylene	200	U	44	200
1,2-Dichloropropane	200	U	52	200
m-Dichlorobenzene	200	U	44	200
cis-1,3-Dichloropropene	200	U	36	200
p-Dichlorobenzene	200	U	56	200
trans-1,3-Dichloropropene	200	U	44	200
Ethylbenzene	200	U	35	200
Ethyl methacrylate	200	U	31	200

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Method Blank - Batch: 680-56975

Method: 8260B
Preparation: N/A

Lab Sample ID: MB 680-56975/11
Client Matrix: Solid
Dilution: 40
Date Analyzed: 10/10/2006 1533
Date Prepared: N/A

Analysis Batch: 680-56975
Prep Batch: N/A
Units: ug/Kg

Instrument ID: GC/MS Volatiles - L
Lab File ID: lq577.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 g

Analyte	Result	Qual	MDL	RL
2-Hexanone	1000	U	220	1000
cis-Dichloroethylene	200	U	35	200
Methyl iodide	200	U	40	200
Methacrylonitrile	4000	U	640	4000
Methylene Chloride	200	U	64	200
Methyl methacrylate	200	U	66	200
1,3-Dichloropropane	200	U	48	200
4-Methyl-2-pentanone (MIBK)	1000	U	230	1000
2,2-Dichloropropane	200	U	48	200
Pentachloroethane	1000	U	180	1000
1,1-Dichloropropene	200	U	56	200
Propionitrile	4000	U	920	4000
Styrene	200	U	34	200
1,1,1,2-Tetrachloroethane	200	U	56	200
1,1,2,2-Tetrachloroethane	200	U	40	200
Tetrachloroethylene	200	U	40	200
Hexachlorobutadiene	200	U	64	200
Toluene	200	U	40	200
1,1,1-Trichloroethane	200	U	34	200
1,1,2-Trichloroethane	200	U	48	200
Trichloroethylene	200	U	48	200
Isopropylbenzene	200	U	40	200
Trichlorofluoromethane	200	U	56	200
1,2,3-Trichloropropane	200	U	110	200
p-Isopropyltoluene	200	U	48	200
Vinyl acetate	400	U	76	400
Vinyl chloride	200	U	37	200
Methyl tert-butyl ether	2000	U	72	2000
Naphthalene	200	U	140	200
N-Propylbenzene	200	U	48	200
1,2,3-Trichlorobenzene	200	U	40	200
1,2,4-Trichlorobenzene	200	U	88	200
Freon 113	200	U	40	200
1,2,4-Trimethylbenzene	200	U	40	200
1,3,5-Trimethylbenzene	200	U	52	200
o-Xylene	200	U	56	200
m-Xylene & p-Xylene	400	U	80	400
1-Chlorohexane	200	U	31	200
Hexane	200	U	92	200

Surrogate	% Rec	Acceptance Limits

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	89	68 - 121
Dibromofluoromethane	91	66 - 127
Toluene-d8 (Surr)	99	65 - 128

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Lab Control Spike - Batch: 680-56975

Method: 8260B
Preparation: N/A

Lab Sample ID: LCS 680-56975/9
Client Matrix: Solid
Dilution: 40
Date Analyzed: 10/10/2006 1432
Date Prepared: N/A

Analysis Batch: 680-56975
Prep Batch: N/A
Units: ug/Kg

Instrument ID: GC/MS Volatiles - L
Lab File ID: lq575.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 g

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	5000	5060	101	28 - 143	
Bromobenzene	2500	2270	91	77 - 147	
Bromochloromethane	2500	2320	93	63 - 136	
Benzene	2500	2400	96	79 - 118	
Dichlorobromomethane	2500	2430	97	74 - 128	
Bromoform	2500	2070	83	62 - 137	
Methyl bromide	2500	1990	79	26 - 160	
Methyl Ethyl Ketone	5000	4450	89	30 - 149	
n-Butylbenzene	2500	2660	106	59 - 120	
Carbon disulfide	2500	1690	68	32 - 157	
sec-Butylbenzene	2500	2510	100	60 - 128	
Carbon tetrachloride	2500	2320	93	62 - 140	
tert-Butylbenzene	2500	2450	98	62 - 140	
Chlorobenzene	2500	2380	95	81 - 120	
Chloroethane	2500	2100	84	20 - 140	
Chloroform	2500	2210	88	77 - 125	
Methyl chloride	2500	1980	79	42 - 140	
Chlorodibromomethane	2500	2230	89	67 - 135	
1,2-Dibromo-3-Chloropropane	2500	2290	91	21 - 180	
1,2-Dibromoethane	2500	2250	90	76 - 130	
2-Chlorotoluene	2500	2460	99	49 - 219	
Methylene bromide	2500	2440	98	71 - 134	
4-Chlorotoluene	2500	2390	96	45 - 218	
Dichlorodifluoromethane	2500	1610	64	70 - 130	*
1,1-Dichloroethane	2500	2170	87	43 - 157	
1,2-Dichloroethane	2500	2640	106	65 - 133	
1,1-Dichloroethylene	2500	1820	73	52 - 143	
o-Dichlorobenzene	2500	2420	97	81 - 122	
trans-1,2-Dichloroethylene	2500	1900	76	35 - 154	
1,2-Dichloropropane	2500	2420	97	77 - 118	
m-Dichlorobenzene	2500	2430	97	84 - 120	
cis-1,3-Dichloropropene	2500	2310	92	71 - 123	
p-Dichlorobenzene	2500	2410	97	67 - 133	
trans-1,3-Dichloropropene	2500	2250	90	75 - 126	
Ethylbenzene	2500	2470	99	82 - 118	
2-Hexanone	5000	4760	95	30 - 148	
cis-Dichloroethylene	2500	2070	83	69 - 131	
Methylene Chloride	2500	2040	82	54 - 150	
1,3-Dichloropropane	2500	2330	93	73 - 146	
4-Methyl-2-pentanone (MIBK)	5000	4780	96	29 - 150	
2,2-Dichloropropane	2500	2090	83	28 - 187	
1,1-Dichloropropene	2500	2230	89	76 - 126	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Lab Control Spike - Batch: 680-56975

Method: 8260B
Preparation: N/A

Lab Sample ID: LCS 680-56975/9
Client Matrix: Solid
Dilution: 40
Date Analyzed: 10/10/2006 1432
Date Prepared: N/A

Analysis Batch: 680-56975
Prep Batch: N/A
Units: ug/Kg

Instrument ID: GC/MS Volatiles - L
Lab File ID: lq575.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 g

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Styrene	2500	2460	98	80 - 118	
1,1,1,2-Tetrachloroethane	2500	2250	90	70 - 130	
1,1,2,2-Tetrachloroethane	2500	2160	87	64 - 130	
Tetrachloroethylene	2500	2370	95	79 - 132	
Hexachlorobutadiene	2500	2650	106	29 - 135	
Toluene	2500	2500	100	80 - 118	
1,1,1-Trichloroethane	2500	2380	95	58 - 139	
1,1,2-Trichloroethane	2500	2260	91	76 - 120	
Trichloroethylene	2500	2250	90	80 - 122	
Isopropylbenzene	2500	2450	98	75 - 134	
Trichlorofluoromethane	2500	1110	45	38 - 146	
1,2,3-Trichloropropane	2500	2410	96	33 - 210	
p-Isopropyltoluene	2500	2650	106	39 - 141	
Vinyl acetate	5000	4690	94	1 - 184	
Vinyl chloride	2500	2270	91	34 - 154	
Methyl tert-butyl ether	5000	4360	87	37 - 168	
Naphthalene	2500	2330	93	42 - 250	
N-Propylbenzene	2500	2470	99	67 - 134	
1,2,3-Trichlorobenzene	2500	2530	101	29 - 169	
1,2,4-Trichlorobenzene	2500	2550	102	49 - 152	
Freon 113	2500	1910	76	70 - 130	
1,2,4-Trimethylbenzene	2500	2660	106	74 - 133	
1,3,5-Trimethylbenzene	2500	2590	104	72 - 124	
o-Xylene	2500	2500	100	74 - 122	
m-Xylene & p-Xylene	5000	4950	99	74 - 121	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	96	68 - 121
Dibromofluoromethane	90	66 - 127
Toluene-d8 (Surr)	99	65 - 128

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Method Blank - Batch: 680-56985

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-56985/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/10/2006 1158
Date Prepared: 10/10/2006 1158

Analysis Batch: 680-56985
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - A
Lab File ID: aq988.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Acetone	25	U	7.3	25
Acetonitrile	40	U	0.23	40
Acrolein	20	U	12	20
Bromobenzene	1.0	U	0.45	1.0
Acrylonitrile	20	U	3.2	20
Bromochloromethane	1.0	U	0.25	1.0
Benzene	1.0	U	0.54	1.0
Dichlorobromomethane	1.0	U	0.42	1.0
Bromoform	1.0	U	0.36	1.0
Methyl bromide	1.0	U	0.93	1.0
Methyl Ethyl Ketone	10	U	0.72	10
n-Butylbenzene	1.0	U	0.38	1.0
Carbon disulfide	2.0	U	0.75	2.0
sec-Butylbenzene	1.0	U	0.60	1.0
Carbon tetrachloride	1.0	U	0.91	1.0
tert-Butylbenzene	1.0	U	0.63	1.0
Chlorobenzene	1.0	U	0.41	1.0
Chloroethane	1.0	U	0.89	1.0
Chloroform	1.0	U	0.52	1.0
Methyl chloride	1.0	U	0.53	1.0
Allyl chloride	1.0	U	0.35	1.0
Dibromochloromethane	1.0	U	0.40	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.65	1.0
1,2-Dibromoethane	1.0	U	0.34	1.0
Methylene bromide	1.0	U	0.33	1.0
o-Chlorotoluene	1.0	U	0.58	1.0
p-Chlorotoluene	1.0	U	0.44	1.0
trans-1,4-Dichloro-2-butene	2.0	U	0.80	2.0
Dichlorodifluoromethane	1.0	U	0.73	1.0
1,1-Dichloroethane	1.0	U	0.56	1.0
1,2-Dichloroethane	1.0	U	0.28	1.0
1,1-Dichlorethylene	1.0	U	0.93	1.0
o-Dichlorobenzene	1.0	U	0.21	1.0
trans-1-2-Dichloroethylene	1.0	U	0.80	1.0
1,2-Dichloropropane	1.0	U	0.26	1.0
m-Dichlorobenzene	1.0	U	0.28	1.0
cis-1,3-Dichloropropene	1.0	U	0.41	1.0
p-Dichlorobenzene	1.0	U	0.44	1.0
trans-1,3-Dichloropropene	1.0	U	0.36	1.0
Ethylbenzene	1.0	U	0.62	1.0
Ethyl methacrylate	1.0	U	0.33	1.0

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Method Blank - Batch: 680-56985

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-56985/3
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/10/2006 1158
Date Prepared: 10/10/2006 1158

Analysis Batch: 680-56985
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - A
Lab File ID: aq988.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
2-Hexanone	10	U	0.39	10
cis-1,2-Dichloroethylene	1.0	U	0.55	1.0
Methyl iodide	5.0	U	0.96	5.0
Methacrylonitrile	20	U	9.1	20
Methylene Chloride	5.0	U	0.44	5.0
Methyl methacrylate	1.0	U	0.36	1.0
1,3-Dichloropropane	1.0	U	0.31	1.0
4-Methyl-2-pentanone	10	U	0.45	10
2,2-Dichloropropane	1.0	U	0.86	1.0
Pentachloroethane	5.0	U	1.0	5.0
1,1-Dichloropropene	1.0	U	0.80	1.0
Propionitrile	20	U	10	20
Styrene	1.0	U	0.42	1.0
1,1,1,2-Tetrachloroethane	1.0	U	0.53	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.21	1.0
Tetrachloroethylene	1.0	U	0.75	1.0
Hexachlorobutadiene	1.0	U	0.50	1.0
Toluene	1.0	U	0.62	1.0
1,1,1-Trichloroethane	1.0	U	0.79	1.0
1,1,2-Trichloroethane	1.0	U	0.37	1.0
Trichloroethylene	1.0	U	0.71	1.0
Isopropylbenzene	1.0	U	0.66	1.0
Trichlorofluoromethane	1.0	U	0.96	1.0
1,2,3-Trichloropropane	1.0	U	0.44	1.0
p-Isopropyltoluene	1.0	U	0.52	1.0
Vinyl acetate	2.0	U	0.70	2.0
Vinyl chloride	1.0	U	0.92	1.0
Methyl tert-butyl ether	10	U	0.45	10
Naphthalene	5.0	U	0.12	5.0
N-Propylbenzene	1.0	U	0.45	1.0
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2,4-Trichlorobenzene	1.0	U	0.28	1.0
Freon 113	1.0	U	0.10	1.0
1,2,4-Trimethylbenzene	1.0	U	0.44	1.0
1,3,5-Trimethylbenzene	1.0	U	0.49	1.0
o-Xylene	1.0	U	0.49	1.0
m-Xylene & p-Xylene	2.0	U	1.3	2.0
1-Chlorohexane	1.0	U	0.42	1.0
Hexane	5.0	U	5.0	5.0

Surrogate	% Rec	Acceptance Limits

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	92	77 - 120
Dibromofluoromethane	114	75 - 123
Toluene-d8 (Surr)	93	79 - 122

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Lab Control Spike - Batch: 680-56985

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 680-56985/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/10/2006 1102
Date Prepared: 10/10/2006 1102

Analysis Batch: 680-56985
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - A
Lab File ID: aq004.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	100	104	104	20 - 183	
Bromobenzene	50.0	57.9	116	55 - 131	
Bromochloromethane	50.0	49.1	98	50 - 154	
Benzene	50.0	47.3	95	74 - 122	
Dichlorobromomethane	50.0	45.2	90	74 - 128	
Bromoform	50.0	50.5	101	64 - 132	
Methyl bromide	50.0	71.6	143	21 - 176	
Methyl Ethyl Ketone	100	83.7	84	51 - 142	
n-Butylbenzene	50.0	39.7	79	47 - 130	
Carbon disulfide	50.0	52.7	105	60 - 130	
sec-Butylbenzene	50.0	46.1	92	53 - 125	
Carbon tetrachloride	50.0	47.9	96	64 - 137	
tert-Butylbenzene	50.0	47.0	94	51 - 134	
Chlorobenzene	50.0	52.0	104	75 - 123	
Chloroethane	50.0	53.9	108	40 - 171	
Chloroform	50.0	51.9	104	74 - 124	
Methyl chloride	50.0	40.9	82	51 - 133	
Dibromochloromethane	50.0	52.1	104	75 - 126	
1,2-Dibromo-3-Chloropropane	50.0	40.2	80	14 - 147	
1,2-Dibromoethane	50.0	45.8	92	60 - 118	
Methylene bromide	50.0	45.3	91	70 - 130	
o-Chlorotoluene	50.0	54.3	109	53 - 133	
p-Chlorotoluene	50.0	54.2	108	47 - 132	
Dichlorodifluoromethane	50.0	44.3	89	70 - 130	
1,1-Dichloroethane	50.0	52.9	106	70 - 127	
1,2-Dichloroethane	50.0	42.5	85	68 - 130	
1,1-Dichlorethylene	50.0	58.4	117	64 - 132	
o-Dichlorobenzene	50.0	54.0	108	71 - 125	
trans-1-2-Dichloroethylene	50.0	55.6	111	67 - 130	
1,2-Dichloropropane	50.0	45.7	91	74 - 123	
m-Dichlorobenzene	50.0	54.3	109	70 - 125	
cis-1,3-Dichloropropene	50.0	48.5	97	76 - 126	
p-Dichlorobenzene	50.0	52.9	106	65 - 127	
trans-1,3-Dichloropropene	50.0	47.0	94	75 - 126	
Ethylbenzene	50.0	54.8	110	77 - 123	
2-Hexanone	100	64.9	65	58 - 139	
cis-1,2-Dichloroethylene	50.0	58.6	117	69 - 126	
Methylene Chloride	50.0	55.4	111	67 - 128	
1,3-Dichloropropane	50.0	45.9	92	60 - 125	
4-Methyl-2-pentanone	100	58.8	59	62 - 130	*
2,2-Dichloropropane	50.0	55.2	110	42 - 155	
1,1-Dichloropropene	50.0	47.8	96	70 - 130	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Lab Control Spike - Batch: 680-56985

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 680-56985/2
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/10/2006 1102
Date Prepared: 10/10/2006 1102

Analysis Batch: 680-56985
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - A
Lab File ID: aq004.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Styrene	50.0	51.6	103	75 - 125	
1,1,1,2-Tetrachloroethane	50.0	53.7	107	62 - 107	
1,1,2,2-Tetrachloroethane	50.0	42.4	85	71 - 127	
Tetrachloroethylene	50.0	55.7	111	70 - 133	
Hexachlorobutadiene	50.0	39.5	79	58 - 133	
Toluene	50.0	50.4	101	75 - 122	
1,1,1-Trichloroethane	50.0	47.6	95	70 - 132	
1,1,2-Trichloroethane	50.0	43.9	88	75 - 122	
Trichloroethylene	50.0	45.3	91	75 - 122	
Isopropylbenzene	50.0	48.4	97	62 - 122	
Trichlorofluoromethane	50.0	56.3	113	74 - 165	
1,2,3-Trichloropropane	50.0	43.4	87	60 - 147	
p-Isopropyltoluene	50.0	45.4	91	58 - 123	
Vinyl acetate	100	67.7	68	47 - 150	
Vinyl chloride	50.0	46.5	93	59 - 136	
Methyl tert-butyl ether	100	103	103	70 - 130	
Naphthalene	50.0	29.3	59	58 - 143	
N-Propylbenzene	50.0	50.7	101	53 - 125	
1,2,3-Trichlorobenzene	50.0	34.0	68	38 - 130	
1,2,4-Trichlorobenzene	50.0	34.3	69	48 - 131	
Freon 113	50.0	58.1	116	70 - 130	
1,2,4-Trimethylbenzene	50.0	50.0	100	53 - 142	
1,3,5-Trimethylbenzene	50.0	50.1	100	50 - 127	
o-Xylene	50.0	49.4	99	76 - 122	
m-Xylene & p-Xylene	100	105	105	74 - 123	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	109	77 - 120
Dibromofluoromethane	110	75 - 123
Toluene-d8 (Surr)	102	79 - 122

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Method Blank - Batch: 680-56736

Method: 8270C
Preparation: 3550B

Lab Sample ID: MB 680-56736/21-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/09/2006 0844
Date Prepared: 10/06/2006 0815

Analysis Batch: 680-56877
Prep Batch: 680-56736
Units: ug/Kg

Instrument ID: GC/MS SemiVolatiles - E
Lab File ID: e3922.d
Initial Weight/Volume: 30.00 g
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	Result	Qual	MDL	RL
Acenaphthene	330	U	19	330
Acenaphthylene	330	U	17	330
Anthracene	330	U	23	330
Benzidine	2700	U	83	2700
Benzo[a]anthracene	330	U	31	330
Benzo[a]pyrene	330	U	19	330
Benzo[b]fluoranthene	330	U	26	330
Benzo[g,h,i]perylene	330	U	23	330
Benzoic acid	1700	U	170	1700
Benzo[k]fluoranthene	330	U	36	330
Benzyl alcohol	330	U	38	330
Bis(2-chloroethoxy)methane	330	U	24	330
Bis(2-chloroethyl)ether	330	U	28	330
bis(chloroisopropyl) ether	330	U	35	330
Bis(2-ethylhexyl) phthalate	330	U	38	330
4-Bromophenyl phenyl ether	330	U	31	330
Butyl benzyl phthalate	330	U	27	330
4-Chloroaniline	660	U	26	660
4-Chloro-3-methylphenol	330	U	34	330
2-Chloronaphthalene	330	U	24	330
2-Chlorophenol	330	U	27	330
4-Chlorophenyl phenyl ether	330	U	19	330
Chrysene	330	U	25	330
Dibenz(a,h)anthracene	330	U	24	330
Dibenzofuran	330	U	19	330
1,2-Dichlorobenzene	330	U	23	330
1,3-Dichlorobenzene	330	U	26	330
1,4-Dichlorobenzene	330	U	22	330
3,3'-Dichlorobenzidine	660	U	30	660
2,4-Dichlorophenol	330	U	23	330
Diethyl phthalate	330	U	22	330
2,4-Dimethylphenol	330	U	35	330
Dimethyl phthalate	330	U	19	330
Di-n-butyl phthalate	330	U	28	330
4,6-Dinitro-o-cresol	1700	U	200	1700
2,4-Dinitrophenol	1700	U	170	1700
2,4-Dinitrotoluene	330	U	19	330
2,6-Dinitrotoluene	330	U	33	330
Di-n-octyl phthalate	330	U	31	330
Fluoranthene	330	U	26	330
Fluorene	330	U	22	330

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Method Blank - Batch: 680-56736

Method: 8270C
Preparation: 3550B

Lab Sample ID: MB 680-56736/21-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/09/2006 0844
Date Prepared: 10/06/2006 0815

Analysis Batch: 680-56877
Prep Batch: 680-56736
Units: ug/Kg

Instrument ID: GC/MS SemiVolatiles - E
Lab File ID: e3922.d
Initial Weight/Volume: 30.00 g
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	Result	Qual	MDL	RL
Hexachlorobenzene	330	U	26	330
Hexachlorobutadiene	330	U	20	330
Hexachlorocyclopentadiene	330	U	83	330
Hexachloroethane	330	U	20	330
Indeno[1,2,3-cd]pyrene	330	U	26	330
Isophorone	330	U	22	330
2-Methylnaphthalene	330	U	24	330
2-Methylphenol	330	U	30	330
3 & 4 Methylphenol	330	U	29	330
Naphthalene	330	U	19	330
2-Nitroaniline	1700	U	23	1700
3-Nitroaniline	1700	U	33	1700
4-Nitroaniline	1700	U	17	1700
Nitrobenzene	330	U	35	330
2-Nitrophenol	330	U	20	330
4-Nitrophenol	1700	U	210	1700
N-Nitrosodi-n-propylamine	330	U	28	330
N-Nitrosodiphenylamine	330	U	23	330
Pentachlorophenol	1700	U	83	1700
Phenanthrene	330	U	29	330
Phenol	330	U	30	330
Pyrene	330	U	20	330
1,2,4-Trichlorobenzene	330	U	21	330
2,4,5-Trichlorophenol	330	U	32	330
2,4,6-Trichlorophenol	330	U	20	330

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl	74	38 - 104
2-Fluorophenol	74	36 - 101
Nitrobenzene-d5	64	33 - 94
Phenol-d5	70	38 - 102
Terphenyl-d14	73	40 - 129
2,4,6-Tribromophenol	63	27 - 124

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Lab Control Spike - Batch: 680-56736

Method: 8270C
Preparation: 3550B

Lab Sample ID: LCS 680-56736/22-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/09/2006 1258
Date Prepared: 10/06/2006 0815

Analysis Batch: 680-56877
Prep Batch: 680-56736
Units: ug/Kg

Instrument ID: GC/MS SemiVolatiles - E
Lab File ID: e3932.d
Initial Weight/Volume: 30.00 g
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	3330	2370	71	36 - 108	
Acenaphthylene	3330	2600	78	41 - 112	
Anthracene	3330	2470	74	46 - 115	
Benzidine	3330	1010	30	1 - 95	J
Benzo[a]anthracene	3330	2670	80	46 - 116	
Benzo[a]pyrene	3330	3150	94	37 - 120	
Benzo[b]fluoranthene	3330	2860	86	35 - 122	
Benzo[g,h,i]perylene	3330	2860	86	41 - 122	
Benzoic acid	3330	172	5	10 - 94	J *
Benzo[k]fluoranthene	3330	3040	91	36 - 124	
Benzyl alcohol	3330	2520	76	30 - 98	
Bis(2-chloroethoxy)methane	3330	2650	80	38 - 106	
Bis(2-chloroethyl)ether	3330	2250	67	30 - 98	
bis(chloroisopropyl) ether	3330	2460	74	16 - 116	
Bis(2-ethylhexyl) phthalate	3330	2840	85	25 - 134	
4-Bromophenyl phenyl ether	3330	2290	69	38 - 106	
Butyl benzyl phthalate	3330	2680	80	43 - 127	
4-Chloroaniline	3330	2220	67	7 - 103	
4-Chloro-3-methylphenol	3330	2860	86	39 - 113	
2-Chloronaphthalene	3330	2410	72	41 - 110	
2-Chlorophenol	3330	2400	72	36 - 99	
4-Chlorophenyl phenyl ether	3330	2710	81	42 - 111	
Chrysene	3330	2710	81	46 - 118	
Dibenz(a,h)anthracene	3330	2850	86	41 - 124	
Dibenzofuran	3330	2560	77	44 - 108	
1,2-Dichlorobenzene	3330	2180	65	35 - 93	
1,3-Dichlorobenzene	3330	2030	61	34 - 90	
1,4-Dichlorobenzene	3330	2060	62	32 - 90	
3,3'-Dichlorobenzidine	3330	2210	66	1 - 118	
2,4-Dichlorophenol	3330	2540	76	43 - 108	
Diethyl phthalate	3330	2860	86	41 - 118	
2,4-Dimethylphenol	3330	2220	67	40 - 112	
Dimethyl phthalate	3330	2690	81	43 - 114	
Di-n-butyl phthalate	3330	2530	76	35 - 93	
4,6-Dinitro-o-cresol	3330	1580	47	11 - 142	J
2,4-Dinitrophenol	3330	335	10	1 - 131	J
2,4-Dinitrotoluene	3330	2710	81	32 - 128	
2,6-Dinitrotoluene	3330	2700	81	38 - 128	
Di-n-octyl phthalate	3330	2890	87	43 - 129	
Fluoranthene	3330	2720	82	41 - 124	
Fluorene	3330	2650	80	37 - 113	
Hexachlorobenzene	3330	2650	79	46 - 115	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Lab Control Spike - Batch: 680-56736

Method: 8270C
Preparation: 3550B

Lab Sample ID: LCS 680-56736/22-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/09/2006 1258
Date Prepared: 10/06/2006 0815

Analysis Batch: 680-56877
Prep Batch: 680-56736
Units: ug/Kg

Instrument ID: GC/MS SemiVolatiles - E
Lab File ID: e3932.d
Initial Weight/Volume: 30.00 g
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Hexachlorobutadiene	3330	2660	80	42 - 105	
Hexachlorocyclopentadiene	3330	2050	62	20 - 109	
Hexachloroethane	3330	2130	64	31 - 88	
Indeno[1,2,3-cd]pyrene	3330	2590	78	36 - 133	
Isophorone	3330	2520	76	37 - 106	
2-Methylnaphthalene	3330	2370	71	39 - 104	
2-Methylphenol	3330	2470	74	38 - 107	
3 & 4 Methylphenol	3330	2500	75	37 - 106	
Naphthalene	3330	2200	66	34 - 97	
2-Nitroaniline	3330	2930	88	38 - 124	
3-Nitroaniline	3330	2600	78	19 - 118	
4-Nitroaniline	3330	2710	81	32 - 130	
Nitrobenzene	3330	2260	68	33 - 106	
2-Nitrophenol	3330	2190	66	38 - 104	
4-Nitrophenol	3330	2710	81	21 - 132	
N-Nitrosodi-n-propylamine	3330	2610	78	24 - 108	
N-Nitrosodiphenylamine	3330	2560	77	16 - 113	
Pentachlorophenol	3330	2140	64	27 - 116	
Phenanthrene	3330	2390	72	47 - 114	
Phenol	3330	2500	75	34 - 98	
Pyrene	3330	2260	68	36 - 128	
1,2,4-Trichlorobenzene	3330	2210	66	36 - 98	
2,4,5-Trichlorophenol	3330	2910	87	46 - 116	
2,4,6-Trichlorophenol	3330	2600	78	44 - 113	

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl	82	38 - 104
2-Fluorophenol	82	36 - 101
Nitrobenzene-d5	73	33 - 94
Phenol-d5	83	38 - 102
Terphenyl-d14	79	40 - 129
2,4,6-Tribromophenol	101	27 - 124

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-56736

Method: 8270C
Preparation: 3550B

MS Lab Sample ID:	680-20904-1	Analysis Batch:	680-56877	Instrument ID:	GC/MS SemiVolatiles - E
Client Matrix:	Solid	Prep Batch:	680-56736	Lab File ID:	e3933.d
Dilution:	1.0			Initial Weight/Volume:	30.06 g
Date Analyzed:	10/09/2006 1321			Final Weight/Volume:	1.0 mL
Date Prepared:	10/06/2006 0815			Injection Volume:	

MSD Lab Sample ID:	680-20904-1	Analysis Batch:	680-56877	Instrument ID:	GC/MS SemiVolatiles - E
Client Matrix:	Solid	Prep Batch:	680-56736	Lab File ID:	e3934.d
Dilution:	1.0			Initial Weight/Volume:	30.02 g
Date Analyzed:	10/09/2006 1343			Final Weight/Volume:	1.0 mL
Date Prepared:	10/06/2006 0815			Injection Volume:	

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acenaphthene	38	39	36 - 108	2	50		
Acenaphthylene	40	42	41 - 112	4	50	F	
Anthracene	42	44	46 - 115	4	50	F	F
Benzidine	17	18	1 - 95	5	50	J	J
Benzo[a]anthracene	46	47	46 - 116	3	50		
Benzo[a]pyrene	52	53	37 - 120	2	50		
Benzo[b]fluoranthene	46	51	35 - 122	10	50		
Benzo[g,h,i]perylene	49	50	41 - 122	2	50		
Benzoic acid	2	3	10 - 94	NC	50	U F	U F
Benzo[k]fluoranthene	52	50	36 - 124	3	50		
Benzyl alcohol	33	36	30 - 98	9	50		
Bis(2-chloroethoxy)methane	37	39	38 - 106	7	50	F	
Bis(2-chloroethyl)ether	27	31	30 - 98	14	50	F	
bis(chloroisopropyl) ether	34	37	16 - 116	7	50		
Bis(2-ethylhexyl) phthalate	49	49	25 - 134	0	50		
4-Bromophenyl phenyl ether	38	39	38 - 106	2	50		
Butyl benzyl phthalate	45	47	43 - 127	3	50		
4-Chloroaniline	35	37	7 - 103	5	50		
4-Chloro-3-methylphenol	43	46	39 - 113	6	50		
2-Chloronaphthalene	37	38	41 - 110	4	50	F	F
2-Chlorophenol	32	35	36 - 99	9	50	F	F
4-Chlorophenyl phenyl ether	43	44	42 - 111	1	50		
Chrysene	47	48	46 - 118	1	50		
Dibenz(a,h)anthracene	49	50	41 - 124	2	50		
Dibenzofuran	40	41	44 - 108	2	50	F	F
1,2-Dichlorobenzene	29	31	35 - 93	5	50	F	F
1,3-Dichlorobenzene	28	29	34 - 90	6	50	F	F
1,4-Dichlorobenzene	28	29	32 - 90	3	50	F	F
3,3'-Dichlorobenzidine	38	40	1 - 118	5	50		
2,4-Dichlorophenol	37	37	43 - 108	1	50	F	F

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-56736

Method: 8270C
Preparation: 3550B

MS Lab Sample ID: 680-20904-1
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/09/2006 1321
Date Prepared: 10/06/2006 0815

Analysis Batch: 680-56877
Prep Batch: 680-56736

Instrument ID: GC/MS SemiVolatiles - E
Lab File ID: e3933.d
Initial Weight/Volume: 30.06 g
Final Weight/Volume: 1.0 mL
Injection Volume:

MSD Lab Sample ID: 680-20904-1
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/09/2006 1343
Date Prepared: 10/06/2006 0815

Analysis Batch: 680-56877
Prep Batch: 680-56736

Instrument ID: GC/MS SemiVolatiles - E
Lab File ID: e3934.d
Initial Weight/Volume: 30.02 g
Final Weight/Volume: 1.0 mL
Injection Volume:

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Diethyl phthalate	46	46	41 - 118	2	50		
2,4-Dimethylphenol	33	34	40 - 112	4	50	F	F
Dimethyl phthalate	43	44	43 - 114	3	50		
Di-n-butyl phthalate	42	43	35 - 93	2	50		
4,6-Dinitro-o-cresol	29	32	11 - 142	11	50	J	J
2,4-Dinitrophenol	14	12	1 - 131	16	50	J	J
2,4-Dinitrotoluene	43	45	32 - 128	6	50		
2,6-Dinitrotoluene	41	43	38 - 128	6	50		
Di-n-octyl phthalate	50	50	43 - 129	0	50		
Fluoranthene	45	47	41 - 124	4	50		
Fluorene	43	44	37 - 113	2	50		
Hexachlorobenzene	45	46	46 - 115	3	50	F	
Hexachlorobutadiene	38	40	42 - 105	4	50	F	F
Hexachlorocyclopentadiene	25	26	20 - 109	3	50		
Hexachloroethane	29	31	31 - 88	5	50	F	
Indeno[1,2,3-cd]pyrene	46	47	36 - 133	2	50		
Isophorone	36	38	37 - 106	5	50	F	
2-Methylnaphthalene	35	37	39 - 104	5	50	F	F
2-Methylphenol	33	38	38 - 107	14	50	F	
3 & 4 Methylphenol	36	38	37 - 106	7	50	F	
Naphthalene	32	34	34 - 97	5	50	F	
2-Nitroaniline	46	48	38 - 124	5	50	J	J
3-Nitroaniline	43	44	19 - 118	3	50	J	J
4-Nitroaniline	43	45	32 - 130	5	50	J	J
Nitrobenzene	32	34	33 - 106	6	50	F	
2-Nitrophenol	31	34	38 - 104	8	50	F	F
4-Nitrophenol	39	45	21 - 132	13	50	J	J
N-Nitrosodi-n-propylamine	35	38	24 - 108	9	50		
N-Nitrosodiphenylamine	44	46	16 - 113	4	50		
Pentachlorophenol	32	34	27 - 116	4	50	J	J

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-56736

Method: 8270C
Preparation: 3550B

MS Lab Sample ID:	680-20904-1	Analysis Batch: 680-56877	Instrument ID: GC/MS SemiVolatiles - E
Client Matrix:	Solid	Prep Batch: 680-56736	Lab File ID: e3933.d
Dilution:	1.0		Initial Weight/Volume: 30.06 g
Date Analyzed:	10/09/2006 1321		Final Weight/Volume: 1.0 mL
Date Prepared:	10/06/2006 0815		Injection Volume:

MSD Lab Sample ID:	680-20904-1	Analysis Batch: 680-56877	Instrument ID: GC/MS SemiVolatiles - E
Client Matrix:	Solid	Prep Batch: 680-56736	Lab File ID: e3934.d
Dilution:	1.0		Initial Weight/Volume: 30.02 g
Date Analyzed:	10/09/2006 1343		Final Weight/Volume: 1.0 mL
Date Prepared:	10/06/2006 0815		Injection Volume:

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Phenanthrene	42	42	47 - 114	2	50	F	F
Phenol	34	37	34 - 98	11	50		
Pyrene	40	41	36 - 128	4	50		
1,2,4-Trichlorobenzene	32	34	36 - 98	8	50	F	F
2,4,5-Trichlorophenol	46	48	46 - 116	6	50		
2,4,6-Trichlorophenol	40	42	44 - 113	5	50	F	F

Surrogate	MS % Rec		MSD % Rec	Acceptance Limits
2-Fluorobiphenyl	40		41	38 - 104
2-Fluorophenol	35	X	39	36 - 101
Nitrobenzene-d5	33		35	33 - 94
Phenol-d5	36	X	38	38 - 102
Terphenyl-d14	42		44	40 - 129
2,4,6-Tribromophenol	52		53	27 - 124

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Matrix Spike/
Matrix Spike Duplicate Data Report - Batch: 680-56736

Method: 8270C
Preparation: 3550B

MS Lab Sample ID: 680-20904-1
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/09/2006 1321
Date Prepared: 10/06/2006 0815

Units: ug/Kg

MSD Lab Sample ID: 680-20904-1
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/09/2006 1343
Date Prepared: 10/06/2006 0815

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Acenaphthene	0.0	U	3870	3880	1470		1500	
Acenaphthylene	0.0	U	3870	3880	1560	F	1620	
Anthracene	0.0	U	3870	3880	1650	F	1710	F
Benzidine	0.0	U	3870	3880	649	J	685	J
Benzo[a]anthracene	0.0	U	3870	3880	1780		1840	
Benzo[a]pyrene	0.0	U	3870	3880	2020		2050	
Benzo[b]fluoranthene	0.0	U	3870	3880	1780		1960	
Benzo[g,h,i]perylene	0.0	U	3870	3880	1910		1950	
Benzoic acid	0.0	U	3870	3880	91.7	U F	105	U F
Benzo[k]fluoranthene	0.0	U	3870	3880	2020		1960	
Benzyl alcohol	0.0	U	3870	3880	1290		1410	
Bis(2-chloroethoxy)methane	0.0	U	3870	3880	1420	F	1520	
Bis(2-chloroethyl)ether	0.0	U	3870	3880	1060	F	1220	
bis(chloroisopropyl) ether	0.0	U	3870	3880	1330		1420	
Bis(2-ethylhexyl) phthalate	0.0	U	3870	3880	1900		1900	
4-Bromophenyl phenyl ether	0.0	U	3870	3880	1480		1520	
Butyl benzyl phthalate	0.0	U	3870	3880	1760		1810	
4-Chloroaniline	0.0	U	3870	3880	1370		1430	
4-Chloro-3-methylphenol	0.0	U	3870	3880	1680		1790	
2-Chloronaphthalene	0.0	U	3870	3880	1430	F	1490	F
2-Chlorophenol	0.0	U	3870	3880	1240	F	1350	F
4-Chlorophenyl phenyl ether	0.0	U	3870	3880	1670		1700	
Chrysene	0.0	U	3870	3880	1830		1850	
Dibenz(a,h)anthracene	0.0	U	3870	3880	1900		1940	
Dibenzofuran	0.0	U	3870	3880	1560	F	1590	F
1,2-Dichlorobenzene	0.0	U	3870	3880	1140	F	1210	F
1,3-Dichlorobenzene	0.0	U	3870	3880	1070	F	1140	F
1,4-Dichlorobenzene	0.0	U	3870	3880	1070	F	1110	F
3,3'-Dichlorobenzidine	0.0	U	3870	3880	1480		1560	
2,4-Dichlorophenol	0.0	U	3870	3880	1440	F	1450	F
Diethyl phthalate	0.0	U	3870	3880	1770		1800	
2,4-Dimethylphenol	0.0	U	3870	3880	1270	F	1320	F
Dimethyl phthalate	0.0	U	3870	3880	1660		1720	
Di-n-butyl phthalate	0.0	U	3870	3880	1630		1670	
4,6-Dinitro-o-cresol	0.0	U	3870	3880	1110	J	1250	J
2,4-Dinitrophenol	0.0	U	3870	3880	548	J	468	J
2,4-Dinitrotoluene	0.0	U	3870	3880	1650		1750	
2,6-Dinitrotoluene	0.0	U	3870	3880	1590		1680	
Di-n-octyl phthalate	0.0	U	3870	3880	1940		1940	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Matrix Spike/
Matrix Spike Duplicate Data Report - Batch: 680-56736

Method: 8270C
Preparation: 3550B

MS Lab Sample ID: 680-20904-1
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/09/2006 1321
Date Prepared: 10/06/2006 0815

Units: ug/Kg

MSD Lab Sample ID: 680-20904-1
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/09/2006 1343
Date Prepared: 10/06/2006 0815

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Fluoranthene	13.5	U	3870	3880	1740		1810	
Fluorene	0.0	U	3870	3880	1680		1700	
Hexachlorobenzene	0.0	U	3870	3880	1720	F	1780	
Hexachlorobutadiene	0.0	U	3870	3880	1470	F	1540	F
Hexachlorocyclopentadiene	0.0	U	3870	3880	980		1010	
Hexachloroethane	0.0	U	3870	3880	1130	F	1180	
Indeno[1,2,3-cd]pyrene	0.0	U	3870	3880	1790		1820	
Isophorone	0.0	U	3870	3880	1380	F	1460	
2-Methylnaphthalene	0.0	U	3870	3880	1370	F	1440	F
2-Methylphenol	0.0	U	3870	3880	1270	F	1470	
3 & 4 Methylphenol	0.0	U	3870	3880	1380	F	1470	
Naphthalene	0.0	U	3870	3880	1250	F	1320	
2-Nitroaniline	0.0	U	3870	3880	1770	J	1870	J
3-Nitroaniline	0.0	U	3870	3880	1670	J	1710	J
4-Nitroaniline	0.0	U	3870	3880	1670	J	1760	J
Nitrobenzene	0.0	U	3870	3880	1220	F	1300	
2-Nitrophenol	0.0	U	3870	3880	1200	F	1310	F
4-Nitrophenol	0.0	U	3870	3880	1520	J	1730	J
N-Nitrosodi-n-propylamine	0.0	U	3870	3880	1340		1470	
N-Nitrosodiphenylamine	0.0	U	3870	3880	1710		1770	
Pentachlorophenol	0.0	U	3870	3880	1260	J	1300	J
Phenanthrene	0.0	U	3870	3880	1610	F	1640	F
Phenol	0.0	U	3870	3880	1300		1450	
Pyrene	21.4	U	3870	3880	1540		1600	
1,2,4-Trichlorobenzene	0.0	U	3870	3880	1230	F	1330	F
2,4,5-Trichlorophenol	0.0	U	3870	3880	1760		1870	
2,4,6-Trichlorophenol	0.0	U	3870	3880	1530	F	1610	F

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Method Blank - Batch: 680-56906

Method: 8270C
Preparation: 3550B

Lab Sample ID: MB 680-56906/3-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/09/2006 1539
Date Prepared: 10/09/2006 1420

Analysis Batch: 680-56877
Prep Batch: 680-56906
Units: ug/Kg

Instrument ID: GC/MS SemiVolatiles - E
Lab File ID: e3939.d
Initial Weight/Volume: 30.01 g
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	Result	Qual	MDL	RL
Acenaphthene	330	U	19	330
Acenaphthylene	330	U	17	330
Anthracene	330	U	23	330
Benzidine	2700	U	83	2700
Benzo[a]anthracene	330	U	31	330
Benzo[a]pyrene	330	U	19	330
Benzo[b]fluoranthene	330	U	26	330
Benzo[g,h,i]perylene	330	U	23	330
Benzoic acid	1700	U	170	1700
Benzo[k]fluoranthene	330	U	36	330
Benzyl alcohol	330	U	38	330
Bis(2-chloroethoxy)methane	330	U	24	330
Bis(2-chloroethyl)ether	330	U	28	330
bis(chloroisopropyl) ether	330	U	35	330
Bis(2-ethylhexyl) phthalate	330	U	38	330
4-Bromophenyl phenyl ether	330	U	31	330
Butyl benzyl phthalate	330	U	27	330
4-Chloroaniline	660	U	26	660
4-Chloro-3-methylphenol	330	U	34	330
2-Chloronaphthalene	330	U	24	330
2-Chlorophenol	330	U	27	330
4-Chlorophenyl phenyl ether	330	U	19	330
Chrysene	330	U	25	330
Dibenz(a,h)anthracene	330	U	24	330
Dibenzofuran	330	U	19	330
1,2-Dichlorobenzene	330	U	23	330
1,3-Dichlorobenzene	330	U	26	330
1,4-Dichlorobenzene	330	U	22	330
3,3'-Dichlorobenzidine	660	U	30	660
2,4-Dichlorophenol	330	U	23	330
Diethyl phthalate	330	U	22	330
2,4-Dimethylphenol	330	U	35	330
Dimethyl phthalate	330	U	19	330
Di-n-butyl phthalate	330	U	28	330
4,6-Dinitro-o-cresol	1700	U	200	1700
2,4-Dinitrophenol	1700	U	170	1700
2,4-Dinitrotoluene	330	U	19	330
2,6-Dinitrotoluene	330	U	33	330
Di-n-octyl phthalate	330	U	31	330
Fluoranthene	330	U	26	330
Fluorene	330	U	22	330

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Method Blank - Batch: 680-56906

Method: 8270C
Preparation: 3550B

Lab Sample ID: MB 680-56906/3-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/09/2006 1539
Date Prepared: 10/09/2006 1420

Analysis Batch: 680-56877
Prep Batch: 680-56906
Units: ug/Kg

Instrument ID: GC/MS SemiVolatiles - E
Lab File ID: e3939.d
Initial Weight/Volume: 30.01 g
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	Result	Qual	MDL	RL
Hexachlorobenzene	330	U	26	330
Hexachlorobutadiene	330	U	20	330
Hexachlorocyclopentadiene	330	U	83	330
Hexachloroethane	330	U	20	330
Indeno[1,2,3-cd]pyrene	330	U	26	330
Isophorone	330	U	22	330
2-Methylnaphthalene	330	U	24	330
2-Methylphenol	330	U	30	330
3 & 4 Methylphenol	330	U	29	330
Naphthalene	330	U	19	330
2-Nitroaniline	1700	U	23	1700
3-Nitroaniline	1700	U	33	1700
4-Nitroaniline	1700	U	17	1700
Nitrobenzene	330	U	35	330
2-Nitrophenol	330	U	20	330
4-Nitrophenol	1700	U	210	1700
N-Nitrosodi-n-propylamine	330	U	28	330
N-Nitrosodiphenylamine	330	U	23	330
Pentachlorophenol	1700	U	83	1700
Phenanthrene	330	U	29	330
Phenol	330	U	30	330
Pyrene	330	U	20	330
1,2,4-Trichlorobenzene	330	U	21	330
2,4,5-Trichlorophenol	330	U	32	330
2,4,6-Trichlorophenol	330	U	20	330

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl	78	38 - 104
2-Fluorophenol	84	36 - 101
Nitrobenzene-d5	76	33 - 94
Phenol-d5	78	38 - 102
Terphenyl-d14	75	40 - 129
2,4,6-Tribromophenol	84	27 - 124

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Lab Control Spike - Batch: 680-56906

Method: 8270C
Preparation: 3550B

Lab Sample ID: LCS 680-56906/4-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/10/2006 0904
Date Prepared: 10/09/2006 1420

Analysis Batch: 680-56955
Prep Batch: 680-56906
Units: ug/Kg

Instrument ID: GC/MS SemiVolatiles - E
Lab File ID: e3950.d
Initial Weight/Volume: 30.01 g
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	3330	2480	74	36 - 108	
Acenaphthylene	3330	2680	80	41 - 112	
Anthracene	3330	2530	76	46 - 115	
Benzidine	3330	318	10	1 - 95	J
Benzo[a]anthracene	3330	2800	84	46 - 116	
Benzo[a]pyrene	3330	3250	97	37 - 120	
Benzo[b]fluoranthene	3330	3050	91	35 - 122	
Benzo[g,h,i]perylene	3330	3060	92	41 - 122	
Benzoic acid	3330	470	14	10 - 94	J
Benzo[k]fluoranthene	3330	3010	90	36 - 124	
Benzyl alcohol	3330	2780	83	30 - 98	
Bis(2-chloroethoxy)methane	3330	2900	87	38 - 106	
Bis(2-chloroethyl)ether	3330	2520	76	30 - 98	
bis(chloroisopropyl) ether	3330	2620	79	16 - 116	
Bis(2-ethylhexyl) phthalate	3330	2880	86	25 - 134	
4-Bromophenyl phenyl ether	3330	2380	71	38 - 106	
Butyl benzyl phthalate	3330	2740	82	43 - 127	
4-Chloroaniline	3330	1210	36	7 - 103	
4-Chloro-3-methylphenol	3330	2940	88	39 - 113	
2-Chloronaphthalene	3330	2570	77	41 - 110	
2-Chlorophenol	3330	2620	78	36 - 99	
4-Chlorophenyl phenyl ether	3330	2710	81	42 - 111	
Chrysene	3330	2750	83	46 - 118	
Dibenz(a,h)anthracene	3330	3030	91	41 - 124	
Dibenzofuran	3330	2580	77	44 - 108	
1,2-Dichlorobenzene	3330	2290	69	35 - 93	
1,3-Dichlorobenzene	3330	2180	65	34 - 90	
1,4-Dichlorobenzene	3330	2160	65	32 - 90	
3,3'-Dichlorobenzidine	3330	1440	43	1 - 118	
2,4-Dichlorophenol	3330	2700	81	43 - 108	
Diethyl phthalate	3330	2900	87	41 - 118	
2,4-Dimethylphenol	3330	2410	72	40 - 112	
Dimethyl phthalate	3330	2820	85	43 - 114	
Di-n-butyl phthalate	3330	2540	76	35 - 93	
4,6-Dinitro-o-cresol	3330	1370	41	11 - 142	J
2,4-Dinitrophenol	3330	421	13	1 - 131	J
2,4-Dinitrotoluene	3330	2850	85	32 - 128	
2,6-Dinitrotoluene	3330	2870	86	38 - 128	
Di-n-octyl phthalate	3330	2930	88	43 - 129	
Fluoranthene	3330	2740	82	41 - 124	
Fluorene	3330	2690	81	37 - 113	
Hexachlorobenzene	3330	2780	83	46 - 115	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Lab Control Spike - Batch: 680-56906

Method: 8270C
Preparation: 3550B

Lab Sample ID: LCS 680-56906/4-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/10/2006 0904
Date Prepared: 10/09/2006 1420

Analysis Batch: 680-56955
Prep Batch: 680-56906
Units: ug/Kg

Instrument ID: GC/MS SemiVolatiles - E
Lab File ID: e3950.d
Initial Weight/Volume: 30.01 g
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Hexachlorobutadiene	3330	2800	84	42 - 105	
Hexachlorocyclopentadiene	3330	2580	78	20 - 109	
Hexachloroethane	3330	2320	70	31 - 88	
Indeno[1,2,3-cd]pyrene	3330	2820	85	36 - 133	
Isophorone	3330	2740	82	37 - 106	
2-Methylnaphthalene	3330	2440	73	39 - 104	
2-Methylphenol	3330	2590	78	38 - 107	
3 & 4 Methylphenol	3330	2640	79	37 - 106	
Naphthalene	3330	2350	71	34 - 97	
2-Nitroaniline	3330	3260	98	38 - 124	
3-Nitroaniline	3330	1960	59	19 - 118	
4-Nitroaniline	3330	2560	77	32 - 130	
Nitrobenzene	3330	2590	78	33 - 106	
2-Nitrophenol	3330	2520	76	38 - 104	
4-Nitrophenol	3330	3210	96	21 - 132	
N-Nitrosodi-n-propylamine	3330	2760	83	24 - 108	
N-Nitrosodiphenylamine	3330	2690	81	16 - 113	
Pentachlorophenol	3330	1970	59	27 - 116	
Phenanthrene	3330	2460	74	47 - 114	
Phenol	3330	2640	79	34 - 98	
Pyrene	3330	2330	70	36 - 128	
1,2,4-Trichlorobenzene	3330	2380	71	36 - 98	
2,4,5-Trichlorophenol	3330	3070	92	46 - 116	
2,4,6-Trichlorophenol	3330	2800	84	44 - 113	

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl	87	38 - 104
2-Fluorophenol	93	36 - 101
Nitrobenzene-d5	84	33 - 94
Phenol-d5	90	38 - 102
Terphenyl-d14	81	40 - 129
2,4,6-Tribromophenol	102	27 - 124

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Method Blank - Batch: 680-56899

Method: 8015B
Preparation: N/A

Lab Sample ID: MB 680-56899/2
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/09/2006 0945
Date Prepared: N/A

Analysis Batch: 680-56899
Prep Batch: N/A
Units: mg/Kg

Instrument ID: GC Volatiles - A
Lab File ID: PC09A4.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 g
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	MDL	RL
Gasoline Range Organics (GRO)-C6-C10	0.25	U	0.082	0.25

Surrogate	% Rec	Acceptance Limits
a,a,a-Trifluorotoluene	85	61 - 139

Lab Control Spike - Batch: 680-56899

Method: 8015B
Preparation: N/A

Lab Sample ID: LCS 680-56899/1
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/09/2006 0907
Date Prepared: N/A

Analysis Batch: 680-56899
Prep Batch: N/A
Units: mg/Kg

Instrument ID: GC Volatiles - A
Lab File ID: PC09A3.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 g
Injection Volume:
Column ID: PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Gasoline Range Organics (GRO)-C6-C10	1.00	0.973	97	40 - 140	

Surrogate	% Rec	Acceptance Limits
a,a,a-Trifluorotoluene	92	61 - 139

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Method Blank - Batch: 680-56930

Method: 8015B
Preparation: N/A

Lab Sample ID: MB 680-56930/3
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/09/2006 1117
Date Prepared: N/A

Analysis Batch: 680-56930
Prep Batch: N/A
Units: mg/Kg

Instrument ID: GC Volatiles - A
Lab File ID: PC09A6.d
Initial Weight/Volume: 250 uL
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	MDL	RL
Gasoline Range Organics (GRO)-C6-C10	5.0	U	1.6	5.0

Surrogate	% Rec	Acceptance Limits
a,a,a-Trifluorotoluene	89	61 - 139

Lab Control Spike - Batch: 680-56930

Method: 8015B
Preparation: N/A

Lab Sample ID: LCS 680-56930/2
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/09/2006 1039
Date Prepared: N/A

Analysis Batch: 680-56930
Prep Batch: N/A
Units: mg/Kg

Instrument ID: GC Volatiles - A
Lab File ID: PC09A5.d
Initial Weight/Volume: 250 uL
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Gasoline Range Organics (GRO)-C6-C10	40.0	40.9	102	40 - 140	

Surrogate	% Rec	Acceptance Limits
a,a,a-Trifluorotoluene	91	61 - 139

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Method Blank - Batch: 680-56982

Method: 8015B
Preparation: N/A

Lab Sample ID: MB 680-56982/2
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/10/2006 0114
Date Prepared: N/A

Analysis Batch: 680-56982
Prep Batch: N/A
Units: mg/Kg

Instrument ID: GC Volatiles - A
Lab File ID: PC09A28.d
Initial Weight/Volume: 250 uL
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	MDL	RL
Gasoline Range Organics (GRO)-C6-C10	5.0	U	1.6	5.0

Surrogate	% Rec	Acceptance Limits
a,a,a-Trifluorotoluene	81	61 - 139

Lab Control Spike - Batch: 680-56982

Method: 8015B
Preparation: N/A

Lab Sample ID: LCS 680-56982/1
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/10/2006 0036
Date Prepared: N/A

Analysis Batch: 680-56982
Prep Batch: N/A
Units: mg/Kg

Instrument ID: GC Volatiles - A
Lab File ID: PC09A27.d
Initial Weight/Volume: 250 uL
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Gasoline Range Organics (GRO)-C6-C10	40.0	39.0	97	40 - 140	

Surrogate	% Rec	Acceptance Limits
a,a,a-Trifluorotoluene	86	61 - 139

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Method Blank - Batch: 680-56754

Method: 8015B
Preparation: 3550B

Lab Sample ID: MB 680-56754/19-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/09/2006 1135
Date Prepared: 10/06/2006 0939

Analysis Batch: 680-56923
Prep Batch: 680-56754
Units: mg/Kg

Instrument ID: GC SemiVolatiles - Q
Lab File ID: q0090008.d
Initial Weight/Volume: 30.00 g
Final Weight/Volume: 1.0 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	MDL	RL
Diesel Range Organics [C10-C28]	3.3	U	1.7	3.3
Oil Range Organics (C20-C36)	17	U	8.5	17

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	98	15 - 154

Lab Control Spike - Batch: 680-56754

Method: 8015B
Preparation: 3550B

Lab Sample ID: LCS 680-56754/20-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/09/2006 1153
Date Prepared: 10/06/2006 0939

Analysis Batch: 680-56923
Prep Batch: 680-56754
Units: mg/Kg

Instrument ID: GC SemiVolatiles - Q
Lab File ID: q0090009.d
Initial Weight/Volume: 30.00 g
Final Weight/Volume: 1.0 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Diesel Range Organics [C10-C28]	33.3	33.8	102	40 - 140	

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	100	15 - 154

Calculations are performed before rounding to avoid round-off errors in calculated results.

BHATE

Environmental Engineers and Scientists

Chain of Custody and Analytical Request

Project Number: **9050361, 01.01**

P.0. NA

Chain of Custody Number [1]:100520062

LIMS Number: NA

Facility/Base I.D.: HOLMN

Project Name / Site Name: SS-17

Client Name: USACE

Collected by: T. Lucero

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+Hexane	SVOCs 8270C	8015B Carbon Chain	Percent Moisture					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]			
FLSS17-L13-B1R	FLSS17-L13-B1R	05102006	0910	0.00 - 1.00	N	1	SO	7	[1]	[1]	[1]	[1]								2
FLSS17-L13-B2R	FLSS17-L13-B2R	05102006	0920	0.00 - 1.00	N	1	SO	7	[1]	[1]	[1]	[1]								2
FLSS17-L13-B3R	FLSS17-L13-B3R	05102006	0930	0.00 - 1.00	N	1	SO	7	[1]	[1]	[1]	[1]								2
FLSS17-L13-B4R	FLSS17-L13-B4R	5102006	0940	0.00 - 1.00	N	1	SO	7	[1]	[1]	[1]	[1]								2
Trip Blank	Field QC		0910	-	TB		AQ	1	[1]											2
				-																
				-																

COMMENTS: **Attention Sample Receiving**
STL
5102 La Roche Ave
Savanna GA **EMAIL RESULTS TO ;RRENVIRONMENTAL@ZIANET.COM;KEVING@ZIANET.COM**

RUSH!!!

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1. [signature]	10/05/2006	1600	1. KL	10/6/06	0967
2.			2.		
3.			3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab: Shipped No.:

Method of Shipment: FEDEX Airbill Number:

Analytical Lab: STL Delivery Location: Savanna GA

Lab Recipient: Delivery Date/Time:

TEMP.: 0.1

680-20904

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

BHATE

Environmental Engineers and Scientists

Chain of Custody and Analytical Request

Project Number: 9040238.11.01

P.0. NA

Chain of Custody Number [1]:100520063

LIMS Number: NA

Facility/Base I.D.: HOLMN

Project Name / Site Name: West POL

Client Name: USACE

Collected by: T Lucero

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+Hexane	SVOCs 8270	8015B Carbon Chain						MATRIX DESCRIPTION	Cooler ID
									Sample Analysis Requested [5]									Quality Assurance Samples [6]	
WPOL-SW~~1~~ 20	W-POL	5-Oct-06	11:00	3'	4'	N	1	SO	7	[1]	[1]	[1]						Confirmation Sidewall Samples	3
WPOL-SW21	W-POL	5-Oct-06	11:15	3'	4'	N	1	SO	7	[1]	[1]	[1]						Confirmation Sidewall Samples	3
WPOL-SW~~3~~ 22	W-POL	5-Oct-06	11:30	3'	4'	N	1	SO	7	[1]	[1]	[1]						Confirmation Sidewall Samples	3
WPOL-SW~~4~~ 24	W-POL	5-Oct-06	11:45	3'	4'	N	1	SO	7	[1]	[1]	[1]						Confirmation Sidewall Samples	3
Trip Blank						TB			1	[1]								Trip Blank	3

*Per Tony Lucero to BHATE Sample ID Corrections 10/6/06 A. Ragnaldson

STL
5102 La Roche Ave
Savanna GA 31404

Email results to: rrenvironmental@zianet.com, mdauben@bhate.com, keving@zianet.com

RUSH

Custody Transfers Prior to Receipt by Laboratory

	Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1.	[signature]	10/05/2006	@ 1600	[signature]	10/6/06	0847
2.						
3.						

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab:		Shipped No.:	
Method of Shipment:	Fed Ex	Airbill Number:	
Analytical Lab:	STL	Delivery Location:	Savanna GA
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

TEMP.: 0.1

680-20904

BHATE

Environmental Engineers and Scientists

Chain of Custody and Analytical Request

Project Number: 9040238.11.01

P.O. NA

Chain of Custody Number [1]: 100520063

LIMS Number: NA

Facility/Base I.D.: HOLMN

Project Name / Site Name: West POL

Client Name: USACE

Collected by: T Lucero

Field Sample ID (20 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+Hexane	SVOCs 8270	8015B Carbon Chain						MATRIX DESCRIPTION	Cooler ID
									Sample Analysis Requested [5]									Quality Assurance Samples [6]	
WPOL-SW20	W-POL	5-Oct-06	11:00	3'	4'	N	1	SO	7	[1]	[1]	[1]						Confirmation Sidewall Samples	3
WPOL-SW21	W-POL	5-Oct-06	11:15	3'	4'	N	1	SO	7	[1]	[1]	[1]						Confirmation Sidewall Samples	3
WPOL-SW22	W-POL	5-Oct-06	11:30	3'	4'	N	1	SO	7	[1]	[1]	[1]						Confirmation Sidewall Samples	3
WPOL-SW24	W-POL	5-Oct-06	11:45	3'	4'	N	1	SO	7	[1]	[1]	[1]						Confirmation Sidewall Samples	3
Trip Blank						TB			1	[1]								Trip Blank	3

STL
5102 La Roche Ave
Savanna GA 31404

Email results to: rrenvironmental@zianet.com, mdauben@bhate.com, keving@zianet.com

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1.	10/05/2006	@ 1600	1.		
2.			2.		
3.			3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab:		Shipped No:	
Method of Shipment:	Fed Ex	Airbill Number:	
Analytical Lab:	STL	Delivery Location:	Savanna GA
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

BHATE

Environmental Engineers and Scientists

Chain of Custody and Analytical Request

Project Number: 9040238.11.01

P.0. NA

Chain of Custody Number [1]:100520064

LIMS Number: NA

Facility/Base I.D.: HOLMN

Project Name / Site Name: West POL

Client Name: USACE

Collected by: T Lucero

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+Hexane	SVOCs 8270	8015B Carbon Chain						MATRIX DESCRIPTION	Cooler ID
									Sample Analysis Requested [5]									Quality Assurance Samples [6]	
WPOL-~~SWT~~ Stockpile *	W-POL	5-Oct-06	1330	0'	1'	N	1	SO	7	[1]	[1]	[1]						Confirmation Sidewall Samples	4
Trip Blank						TB			1	[1]								Trip Blank	4

* Per Tony Lucero @ BHATE Sample ID on COC should match containers as WPOL - Stockpile 10/6/06 d. Reynolds

STL
5102 La Roche Ave
Savanna GA 31404

Email results to: rrenvironmental@zianet.com, mdauben@bhate.com, keving@zianet.com

Custody Transfers Prior to Receipt by Laboratory

	Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1.	[signature]	10/05/2006	@ 1600	KL	10/6/06	0847
2.						
3.						

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab: _____ Shipped No.: _____

Method of Shipment: Fed Ex Airbill Number: _____

Analytical Lab: STL Delivery Location: Savanna GA

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

TEMP.: 0.1

680-20904

BHATE

Environmental Engineers and Scientists

Chain of Custody and Analytical Request

Project Number: 9040238.11.01

P.O. NA

Chain of Custody Number [1]: 100520064

LIMS Number: NA

Facility/Base I.D.: HOLMN

Project Name / Site Name: West POL

Client Name: USACE

Collected by: T Lucero

Field Sample ID (30 Character Max)	ERPIMS LOCID (15 Character Max)	Date Collected (dd-mmm-yyyy)	Time Collected (Military) (hhmm)	Sample Depth (beginning - ending)		SA Code [2]	Sample Number [3]	Sample Matrix [4]	Sample Analysis Requested [5]: Number of containers	VOCs 8260B+Elements	SVOCs 8270	8015B Carbon Chain						Quality Assurance Samples [6]: MATRIX DESCRIPTION	Cooler ID
WPOL-Stockpile	W-POL	5-Oct-06	1330	0'	1'	N	1	SO	7	16	16	16						Confirmation stockpile Samples	4
Trip Blank						TB			1	16								Trip Blank	4

STL
5102 La Roche Ave
Savanna GA 31404

Email results to: rrenvironmental@zianet.com, mdauben@bhate.com, kevinz@zianet.com

RUSH

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1. [signature]	10/05/2006 @ 1600		1.		
2.			2.		
3.			3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab: _____ Shipped No.: _____

Method of Shipment: Fed Ex Airbill Number: _____

Analytical Lab: STL Delivery Location: Savanna GA

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 (-e) Sample, FD = Field Duplicate (-e) 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

LOGIN SAMPLE RECEIPT CHECK LIST

Client: Bhate Engineering

Job Number: 680-20904-1
Sdg Number: HOLL010

Login Number: 20904

Question	T/F/NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	NA	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	False	-11 ID on COC should read "WPOL-Stockpile, per client T. Lucero
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	NA	
Samples do not require splitting or compositing.	NA	

ANALYTICAL REPORT

Job Number: 680-21081-1

SDG Number: HOLL011

Job Description: HOLLOMAN AFB

For:
Bhate Engineering
1608 13th Avenue South
Suite 300
Birmingham, AL 35205

Attention: Judy Solomon

Linda Wolfe
Project Manager I
lwolfe@stl-inc.com
10/17/2006

Project Manager: Linda Wolfe

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the STL Project Manager who signed this report.

EXECUTIVE SUMMARY - Detections

Client: Bhate Engineering

Job Number: 680-21081-1
Sdg Number: HOLL011

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
680-21081-1	**WPOL-SW25**					
Benzo[g,h,i]perylene		29	J	390	ug/Kg	8270C
Diesel Range Organics [C10-C28]		20		3.9	mg/Kg	8015B
Oil Range Organics (C20-C36)		70		20	mg/Kg	8015B
Percent Moisture		16		1.0	%	PercentMoisture
Percent Solids		84		1.0	%	PercentMoisture
680-21081-2	**WPOL-SW26**					
n-Butylbenzene		21000		1600	ug/Kg	8260B
sec-Butylbenzene		10000		1600	ug/Kg	8260B
Ethylbenzene		4900		1600	ug/Kg	8260B
Isopropylbenzene		3500		1600	ug/Kg	8260B
p-Isopropyltoluene		9800		1600	ug/Kg	8260B
Naphthalene		17000		1600	ug/Kg	8260B
N-Propylbenzene		6900		1600	ug/Kg	8260B
1,2,4-Trimethylbenzene		48000		1600	ug/Kg	8260B
1,3,5-Trimethylbenzene		8200		1600	ug/Kg	8260B
m-Xylene & p-Xylene		2000	J	3200	ug/Kg	8260B
2-Methylnaphthalene		9000		4800	ug/Kg	8270C
Naphthalene		4000	J	4800	ug/Kg	8270C
Gasoline Range Organics (GRO)-C6-C10		830		80	mg/Kg	8015B
Diesel Range Organics [C10-C28]		2800		48	mg/Kg	8015B
Percent Moisture		31		1.0	%	PercentMoisture
Percent Solids		69		1.0	%	PercentMoisture
680-21081-3	**WPOL-SW27**					
n-Butylbenzene		9200		750	ug/Kg	8260B
sec-Butylbenzene		4800		750	ug/Kg	8260B
Ethylbenzene		2100		750	ug/Kg	8260B
Isopropylbenzene		1500		750	ug/Kg	8260B
p-Isopropyltoluene		5200		750	ug/Kg	8260B
Naphthalene		7600		750	ug/Kg	8260B
N-Propylbenzene		3000		750	ug/Kg	8260B
1,2,4-Trimethylbenzene		22000		750	ug/Kg	8260B
1,3,5-Trimethylbenzene		5000		750	ug/Kg	8260B
m-Xylene & p-Xylene		860	J	1500	ug/Kg	8260B
Fluorene		100	J	470	ug/Kg	8270C
2-Methylnaphthalene		6700		470	ug/Kg	8270C
Naphthalene		2600		470	ug/Kg	8270C
Gasoline Range Organics (GRO)-C6-C10		700		75	mg/Kg	8015B
Diesel Range Organics [C10-C28]		1800		47	mg/Kg	8015B
Percent Moisture		29		1.0	%	PercentMoisture
Percent Solids		71		1.0	%	PercentMoisture

EXECUTIVE SUMMARY - Detections

Client: Bhate Engineering

Job Number: 680-21081-1
Sdg Number: HOLL011

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
680-21081-4	**WPOL-SW28**					
n-Butylbenzene		2600		270	ug/Kg	8260B
sec-Butylbenzene		1600		270	ug/Kg	8260B
Ethylbenzene		330		270	ug/Kg	8260B
2-Hexanone		1000	J	1300	ug/Kg	8260B
Methylene Chloride		110	J	270	ug/Kg	8260B
Isopropylbenzene		310		270	ug/Kg	8260B
p-Isopropyltoluene		1500		270	ug/Kg	8260B
Naphthalene		3700		270	ug/Kg	8260B
N-Propylbenzene		620		270	ug/Kg	8260B
1,2,4-Trimethylbenzene		2200		270	ug/Kg	8260B
1,3,5-Trimethylbenzene		690		270	ug/Kg	8260B
m-Xylene & p-Xylene		110	J	540	ug/Kg	8260B
1-Chlorohexane		160	J	270	ug/Kg	8260B
2-Methylnaphthalene		2800		470	ug/Kg	8270C
Naphthalene		1100		470	ug/Kg	8270C
Gasoline Range Organics (GRO)-C6-C10		620		67	mg/Kg	8015B
Diesel Range Organics [C10-C28]		660		9.4	mg/Kg	8015B
Percent Moisture		30		1.0	%	PercentMoisture
Percent Solids		70		1.0	%	PercentMoisture

METHOD SUMMARY

Client: Bhate Engineering

Job Number: 680-21081-1
Sdg Number: HOLL011

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds by GC/MS	STL SAV	SW846 8260B	
Closed System Purge & Trap/Field Preservation	STL SAV		SW846 5035
Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	STL SAV	SW846 8270C	
Ultrasonic Extraction	STL SAV		SW846 3550B
Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)	STL SAV	SW846 8015B	
Closed System Purge & Trap/Field Preservation	STL SAV		SW846 5035
Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)	STL SAV	SW846 8015B	
Ultrasonic Extraction	STL SAV		SW846 3550B
Percent Moisture	STL SAV	EPA PercentMoisture	
Matrix: Water			
Volatile Organic Compounds by GC/MS	STL SAV	SW846 8260B	
Purge-and-Trap	STL SAV		SW846 5030B

LAB REFERENCES:

STL SAV = STL Savannah

METHOD REFERENCES:

EPA - US Environmental Protection Agency

SW846 - "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

SAMPLE SUMMARY

Client: Bhate Engineering

Job Number: 680-21081-1
Sdg Number: HOLL011

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
680-21081-1	WPOL-SW25	Solid	10/12/2006 0915	10/13/2006 0845
680-21081-2	WPOL-SW26	Solid	10/12/2006 0930	10/13/2006 0845
680-21081-3	WPOL-SW27	Solid	10/12/2006 0945	10/13/2006 0845
680-21081-4	WPOL-SW28	Solid	10/12/2006 1000	10/13/2006 0845
680-21081-5TB	Trip Blank	Water	10/12/2006 0000	10/13/2006 0845

Analytical Data

Client: Bhate Engineering

Job Number: 680-21081-1
Sdg Number: HOLL011

Client Sample ID: **WPOL-SW25**

Lab Sample ID: 680-21081-1
Client Matrix: Solid
% Moisture: 15.8
Date Sampled: 10/12/2006 0915
Date Received: 10/13/2006 0845

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5035
Dilution: 1.0
Date Analyzed: 10/13/2006 1547
Date Prepared: 10/13/2006 1043

Analysis Batch: 680-57356
Prep Batch: 680-57342

Instrument ID: GC/MS Volatiles - L
Lab File ID: I1099.d
Initial Weight/Volume: 5.2 g
Final Weight/Volume: 5 g

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		57	U	3.4	57
Acetonitrile		230	U	32	230
Acrolein		110	U	13	110
Bromobenzene		5.7	U	1.1	5.7
Bromochloromethane		5.7	U	1.1	5.7
Acrylonitrile		110	U	18	110
Benzene		5.7	U	0.98	5.7
Dichlorobromomethane		5.7	U	1.1	5.7
Bromoform		5.7	U	2.5	5.7
Methyl bromide		5.7	U	1.5	5.7
n-Butylbenzene		5.7	U	1.1	5.7
Methyl Ethyl Ketone		29	U	4.6	29
Carbon disulfide		5.7	U	1.1	5.7
sec-Butylbenzene		5.7	U	1.3	5.7
Carbon tetrachloride		5.7	U	1.0	5.7
tert-Butylbenzene		5.7	U	1.4	5.7
Chlorobenzene		5.7	U	0.79	5.7
Chloroethane		5.7	U	1.7	5.7
Chloroform		5.7	U	1.0	5.7
Methyl chloride		5.7	U	0.80	5.7
Allyl chloride		5.7	U	1.4	5.7
Chlorodibromomethane		5.7	U	1.3	5.7
1,2-Dibromo-3-Chloropropane		11	U	5.3	11
1,2-Dibromoethane		5.7	U	1.6	5.7
2-Chlorotoluene		5.7	U	1.6	5.7
Methylene bromide		5.7	U	1.5	5.7
trans-1,4-Dichloro-2-butene		11	U	4.6	11
4-Chlorotoluene		5.7	U	0.89	5.7
Dichlorodifluoromethane		5.7	U	2.9	5.7
1,1-Dichloroethane		5.7	U	1.1	5.7
1,2-Dichloroethane		5.7	U	1.4	5.7
1,1-Dichloroethylene		5.7	U	1.3	5.7
o-Dichlorobenzene		5.7	U	2.1	5.7
trans-1,2-Dichloroethylene		5.7	U	1.3	5.7
m-Dichlorobenzene		5.7	U	1.3	5.7
1,2-Dichloropropane		5.7	U	1.5	5.7
cis-1,3-Dichloropropene		5.7	U	1.0	5.7
p-Dichlorobenzene		5.7	U	1.6	5.7
trans-1,3-Dichloropropene		5.7	U	1.3	5.7
Ethylbenzene		5.7	U	0.99	5.7
Ethyl methacrylate		5.7	U	0.88	5.7
2-Hexanone		29	U	6.2	29
Methyl iodide		5.7	U	1.1	5.7

Analytical Data

Client: Bhate Engineering

Job Number: 680-21081-1
Sdg Number: HOLL011

Client Sample ID: WPOL-SW25

Lab Sample ID: 680-21081-1
Client Matrix: Solid
% Moisture: 15.8
Date Sampled: 10/12/2006 0915
Date Received: 10/13/2006 0845

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5035
Dilution: 1.0
Date Analyzed: 10/13/2006 1547
Date Prepared: 10/13/2006 1043

Analysis Batch: 680-57356
Prep Batch: 680-57342

Instrument ID: GC/MS Volatiles - L
Lab File ID: I1099.d
Initial Weight/Volume: 5.2 g
Final Weight/Volume: 5 g

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
cis-Dichloroethylene		5.7	U	1.0	5.7
Methacrylonitrile		110	U	18	110
Methylene Chloride		5.7	U	1.8	5.7
Methyl methacrylate		5.7	U	1.9	5.7
1,3-Dichloropropane		5.7	U	1.4	5.7
4-Methyl-2-pentanone (MIBK)		29	U	6.6	29
Pentachloroethane		29	U	5.3	29
2,2-Dichloropropane		5.7	U	1.4	5.7
Propionitrile		110	U	26	110
1,1-Dichloropropene		5.7	U	1.6	5.7
Styrene		5.7	U	0.97	5.7
1,1,1,2-Tetrachloroethane		5.7	U	1.6	5.7
1,1,2,2-Tetrachloroethane		5.7	U	1.1	5.7
Tetrachloroethylene		5.7	U	1.1	5.7
Toluene		5.7	U	1.1	5.7
Hexachlorobutadiene		5.7	U	1.8	5.7
1,1,1-Trichloroethane		5.7	U	0.97	5.7
1,1,2-Trichloroethane		5.7	U	1.4	5.7
Trichloroethylene		5.7	U	1.4	5.7
Isopropylbenzene		5.7	U	1.1	5.7
Trichlorofluoromethane		5.7	U	1.6	5.7
1,2,3-Trichloropropane		5.7	U	3.1	5.7
p-Isopropyltoluene		5.7	U	1.4	5.7
Vinyl acetate		11	U	2.2	11
Vinyl chloride		5.7	U	1.1	5.7
Methyl tert-butyl ether		57	U	2.1	57
Naphthalene		5.7	U	3.9	5.7
N-Propylbenzene		5.7	U	1.4	5.7
1,2,3-Trichlorobenzene		5.7	U	1.1	5.7
1,2,4-Trichlorobenzene		5.7	U	2.5	5.7
Freon 113		5.7	U	1.1	5.7
1,2,4-Trimethylbenzene		5.7	U	1.1	5.7
1,3,5-Trimethylbenzene		5.7	U	1.5	5.7
o-Xylene		5.7	U	1.6	5.7
m-Xylene & p-Xylene		11	U	2.3	11
1-Chlorohexane		5.7	U	0.89	5.7
Hexane		5.7	U	2.6	5.7

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	83	68 - 121
Dibromofluoromethane	103	66 - 127
Toluene-d8 (Surr)	90	65 - 128

Client: Bhate Engineering

Job Number: 680-21081-1
Sdg Number: HOLL011

Client Sample ID: **WPOL-SW26**

Lab Sample ID: 680-21081-2
Client Matrix: Solid
% Moisture: 30.9
Date Sampled: 10/12/2006 0930
Date Received: 10/13/2006 0845

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5035
Dilution: 200
Date Analyzed: 10/13/2006 1607
Date Prepared: 10/13/2006 1043

Analysis Batch: 680-57457
Prep Batch: 680-57342

Instrument ID: GC/MS Volatiles - L
Lab File ID: I1100.d
Initial Weight/Volume: 4.5 g
Final Weight/Volume: 5 g

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		16000	U	970	16000
Acetonitrile		64000	U	9000	64000
Acrolein		32000	U	3500	32000
Bromobenzene		1600	U	300	1600
Bromochloromethane		1600	U	310	1600
Acrylonitrile		32000	U	5100	32000
Benzene		1600	U	280	1600
Dichlorobromomethane		1600	U	320	1600
Bromoform		1600	U	710	1600
Methyl bromide		1600	U	420	1600
Methyl Ethyl Ketone		8000	U	1300	8000
n-Butylbenzene		21000		320	1600
Carbon disulfide		1600	U	320	1600
sec-Butylbenzene		10000		350	1600
Carbon tetrachloride		1600	U	290	1600
tert-Butylbenzene		1600	U	390	1600
Chlorobenzene		1600	U	220	1600
Chloroethane		1600	U	480	1600
Chloroform		1600	U	280	1600
Methyl chloride		1600	U	230	1600
Allyl chloride		1600	U	390	1600
Chlorodibromomethane		1600	U	350	1600
1,2-Dibromo-3-Chloropropane		3200	U	1500	3200
1,2-Dibromoethane		1600	U	450	1600
2-Chlorotoluene		1600	U	450	1600
Methylene bromide		1600	U	420	1600
trans-1,4-Dichloro-2-butene		3200	U	1300	3200
4-Chlorotoluene		1600	U	250	1600
Dichlorodifluoromethane		1600	U	800	1600
1,1-Dichloroethane		1600	U	320	1600
1,2-Dichloroethane		1600	U	390	1600
1,1-Dichloroethylene		1600	U	350	1600
o-Dichlorobenzene		1600	U	580	1600
trans-1,2-Dichloroethylene		1600	U	350	1600
m-Dichlorobenzene		1600	U	350	1600
1,2-Dichloropropane		1600	U	420	1600
cis-1,3-Dichloropropene		1600	U	290	1600
p-Dichlorobenzene		1600	U	450	1600
trans-1,3-Dichloropropene		1600	U	350	1600
Ethylbenzene		4900		280	1600
Ethyl methacrylate		1600	U	250	1600
2-Hexanone		8000	U	1700	8000
Methyl iodide		1600	U	320	1600

Analytical Data

Client: Bhate Engineering

Job Number: 680-21081-1
Sdg Number: HOLL011

Client Sample ID: **WPOL-SW26**

Lab Sample ID:	680-21081-2			Date Sampled:	10/12/2006 0930
Client Matrix:	Solid	% Moisture:	30.9	Date Received:	10/13/2006 0845

8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch: 680-57457		Instrument ID:	GC/MS Volatiles - L
Preparation:	5035	Prep Batch: 680-57342		Lab File ID:	I1100.d
Dilution:	200			Initial Weight/Volume:	4.5 g
Date Analyzed:	10/13/2006 1607			Final Weight/Volume:	5 g
Date Prepared:	10/13/2006 1043				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
cis-Dichloroethylene		1600	U	280	1600
Methacrylonitrile		32000	U	5100	32000
Methylene Chloride		1600	U	510	1600
Methyl methacrylate		1600	U	530	1600
1,3-Dichloropropane		1600	U	390	1600
4-Methyl-2-pentanone (MIBK)		8000	U	1900	8000
Pentachloroethane		8000	U	1500	8000
2,2-Dichloropropane		1600	U	390	1600
Propionitrile		32000	U	7400	32000
1,1-Dichloropropene		1600	U	450	1600
Styrene		1600	U	270	1600
1,1,1,2-Tetrachloroethane		1600	U	450	1600
1,1,2,2-Tetrachloroethane		1600	U	320	1600
Tetrachloroethylene		1600	U	320	1600
Toluene		1600	U	320	1600
Hexachlorobutadiene		1600	U	510	1600
1,1,1-Trichloroethane		1600	U	270	1600
1,1,2-Trichloroethane		1600	U	390	1600
Trichloroethylene		1600	U	390	1600
Trichlorofluoromethane		1600	U *	450	1600
Isopropylbenzene		3500		320	1600
1,2,3-Trichloropropane		1600	U	870	1600
p-Isopropyltoluene		9800		390	1600
Vinyl acetate		3200	U	610	3200
Vinyl chloride		1600	U	300	1600
Methyl tert-butyl ether		16000	U	580	16000
Naphthalene		17000		1100	1600
N-Propylbenzene		6900		390	1600
1,2,3-Trichlorobenzene		1600	U	320	1600
1,2,4-Trichlorobenzene		1600	U	710	1600
Freon 113		1600	U	320	1600
1,2,4-Trimethylbenzene		48000		320	1600
1,3,5-Trimethylbenzene		8200		420	1600
o-Xylene		1600	U	450	1600
m-Xylene & p-Xylene		2000	J	640	3200
1-Chlorohexane		1600	U	250	1600
Hexane		1600	U	740	1600

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	105	68 - 121
Dibromofluoromethane	103	66 - 127
Toluene-d8 (Surr)	97	65 - 128

Client: Bhate Engineering

Job Number: 680-21081-1
Sdg Number: HOLL011

Client Sample ID: **WPOL-SW27**

Lab Sample ID: 680-21081-3
Client Matrix: Solid
% Moisture: 29.5
Date Sampled: 10/12/2006 0945
Date Received: 10/13/2006 0845

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5035
Dilution: 100
Date Analyzed: 10/13/2006 2109
Date Prepared: 10/13/2006 1043

Analysis Batch: 680-57457
Prep Batch: 680-57342

Instrument ID: GC/MS Volatiles - L
Lab File ID: I1110.d
Initial Weight/Volume: 4.7 g
Final Weight/Volume: 5 g

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		7500	U	450	7500
Acetonitrile		30000	U	4200	30000
Acrolein		15000	U	1700	15000
Bromobenzene		750	U	140	750
Bromochloromethane		750	U	140	750
Acrylonitrile		15000	U	2400	15000
Benzene		750	U	130	750
Dichlorobromomethane		750	U	150	750
Bromoform		750	U	330	750
Methyl bromide		750	U	200	750
Methyl Ethyl Ketone		3800	U	600	3800
n-Butylbenzene		9200		150	750
Carbon disulfide		750	U	150	750
sec-Butylbenzene		4800		170	750
Carbon tetrachloride		750	U	130	750
tert-Butylbenzene		750	U	180	750
Chlorobenzene		750	U	100	750
Chloroethane		750	U	230	750
Chloroform		750	U	130	750
Methyl chloride		750	U	110	750
Allyl chloride		750	U	180	750
Chlorodibromomethane		750	U	170	750
1,2-Dibromo-3-Chloropropane		1500	U	690	1500
1,2-Dibromoethane		750	U	210	750
2-Chlorotoluene		750	U	210	750
Methylene bromide		750	U	200	750
trans-1,4-Dichloro-2-butene		1500	U	600	1500
4-Chlorotoluene		750	U	120	750
Dichlorodifluoromethane		750	U	380	750
1,1-Dichloroethane		750	U	150	750
1,2-Dichloroethane		750	U	180	750
1,1-Dichloroethylene		750	U	170	750
o-Dichlorobenzene		750	U	270	750
trans-1,2-Dichloroethylene		750	U	170	750
m-Dichlorobenzene		750	U	170	750
1,2-Dichloropropane		750	U	200	750
cis-1,3-Dichloropropene		750	U	140	750
p-Dichlorobenzene		750	U	210	750
trans-1,3-Dichloropropene		750	U	170	750
Ethylbenzene		2100		130	750
Ethyl methacrylate		750	U	120	750
2-Hexanone		3800	U	810	3800
Methyl iodide		750	U	150	750

Analytical Data

Client: Bhate Engineering

Job Number: 680-21081-1
Sdg Number: HOLL011

Client Sample ID: **WPOL-SW27**

Lab Sample ID: 680-21081-3
Client Matrix: Solid
% Moisture: 29.5
Date Sampled: 10/12/2006 0945
Date Received: 10/13/2006 0845

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5035
Dilution: 100
Date Analyzed: 10/13/2006 2109
Date Prepared: 10/13/2006 1043

Analysis Batch: 680-57457
Prep Batch: 680-57342

Instrument ID: GC/MS Volatiles - L
Lab File ID: I1110.d
Initial Weight/Volume: 4.7 g
Final Weight/Volume: 5 g

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
cis-Dichloroethylene		750	U	130	750
Methacrylonitrile		15000	U	2400	15000
Methylene Chloride		750	U	240	750
Methyl methacrylate		750	U	250	750
1,3-Dichloropropane		750	U	180	750
4-Methyl-2-pentanone (MIBK)		3800	U	880	3800
Pentachloroethane		3800	U	690	3800
2,2-Dichloropropane		750	U	180	750
Propionitrile		15000	U	3500	15000
1,1-Dichloropropene		750	U	210	750
Styrene		750	U	130	750
1,1,1,2-Tetrachloroethane		750	U	210	750
1,1,2,2-Tetrachloroethane		750	U	150	750
Tetrachloroethylene		750	U	150	750
Toluene		750	U	150	750
Hexachlorobutadiene		750	U	240	750
1,1,1-Trichloroethane		750	U	130	750
1,1,2-Trichloroethane		750	U	180	750
Trichloroethylene		750	U	180	750
Trichlorofluoromethane		750	U *	210	750
Isopropylbenzene		1500		150	750
1,2,3-Trichloropropane		750	U	410	750
p-Isopropyltoluene		5200		180	750
Vinyl acetate		1500	U	290	1500
Vinyl chloride		750	U	140	750
Methyl tert-butyl ether		7500	U	270	7500
Naphthalene		7600		510	750
N-Propylbenzene		3000		180	750
1,2,3-Trichlorobenzene		750	U	150	750
1,2,4-Trichlorobenzene		750	U	330	750
Freon 113		750	U	150	750
1,2,4-Trimethylbenzene		22000		150	750
1,3,5-Trimethylbenzene		5000		200	750
o-Xylene		750	U	210	750
m-Xylene & p-Xylene		860	J	300	1500
1-Chlorohexane		750	U	120	750
Hexane		750	U	350	750

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	102	68 - 121
Dibromofluoromethane	100	66 - 127
Toluene-d8 (Surr)	101	65 - 128

Analytical Data

Client: Bhate Engineering

Job Number: 680-21081-1
Sdg Number: HOLL011

Client Sample ID: **WPOL-SW28**

Lab Sample ID: 680-21081-4
Client Matrix: Solid
% Moisture: 29.7
Date Sampled: 10/12/2006 1000
Date Received: 10/13/2006 0845

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5035
Dilution: 40
Date Analyzed: 10/13/2006 2129
Date Prepared: 10/13/2006 1043

Analysis Batch: 680-57457
Prep Batch: 680-57342

Instrument ID: GC/MS Volatiles - L
Lab File ID: I1111.d
Initial Weight/Volume: 5.3 g
Final Weight/Volume: 5 g

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		2700	U	160	2700
Acetonitrile		11000	U	1500	11000
Acrolein		5400	U	590	5400
Bromobenzene		270	U	50	270
Bromochloromethane		270	U	51	270
Acrylonitrile		5400	U	840	5400
Benzene		270	U	46	270
Dichlorobromomethane		270	U	54	270
Bromoform		270	U	120	270
Methyl bromide		270	U	70	270
Methyl Ethyl Ketone		1300	U	210	1300
n-Butylbenzene		2600		53	270
Carbon disulfide		270	U	54	270
sec-Butylbenzene		1600		59	270
Carbon tetrachloride		270	U	48	270
tert-Butylbenzene		270	U	64	270
Chlorobenzene		270	U	37	270
Chloroethane		270	U	81	270
Chloroform		270	U	47	270
Methyl chloride		270	U	38	270
Allyl chloride		270	U	64	270
Chlorodibromomethane		270	U	59	270
1,2-Dibromo-3-Chloropropane		540	U	250	540
1,2-Dibromoethane		270	U	75	270
2-Chlorotoluene		270	U	75	270
Methylene bromide		270	U	70	270
trans-1,4-Dichloro-2-butene		540	U	210	540
4-Chlorotoluene		270	U	42	270
Dichlorodifluoromethane		270	U	130	270
1,1-Dichloroethane		270	U	54	270
1,2-Dichloroethane		270	U	64	270
1,1-Dichloroethylene		270	U	59	270
o-Dichlorobenzene		270	U	97	270
trans-1,2-Dichloroethylene		270	U	59	270
m-Dichlorobenzene		270	U	59	270
1,2-Dichloropropane		270	U	70	270
cis-1,3-Dichloropropene		270	U	49	270
p-Dichlorobenzene		270	U	75	270
trans-1,3-Dichloropropene		270	U	59	270
Ethylbenzene		330		47	270
Ethyl methacrylate		270	U	41	270
2-Hexanone		1000	J	290	1300
Methyl iodide		270	U	54	270

Client: Bhate Engineering

Job Number: 680-21081-1
Sdg Number: HOLL011

Client Sample ID: **WPOL-SW28**

Lab Sample ID: 680-21081-4
Client Matrix: Solid
% Moisture: 29.7
Date Sampled: 10/12/2006 1000
Date Received: 10/13/2006 0845

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5035
Dilution: 40
Date Analyzed: 10/13/2006 2129
Date Prepared: 10/13/2006 1043

Analysis Batch: 680-57457
Prep Batch: 680-57342

Instrument ID: GC/MS Volatiles - L
Lab File ID: I1111.d
Initial Weight/Volume: 5.3 g
Final Weight/Volume: 5 g

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
cis-Dichloroethylene		270	U	47	270
Methacrylonitrile		5400	U	860	5400
Methylene Chloride		110	J	86	270
Methyl methacrylate		270	U	89	270
1,3-Dichloropropane		270	U	64	270
4-Methyl-2-pentanone (MIBK)		1300	U	310	1300
Pentachloroethane		1300	U	250	1300
2,2-Dichloropropane		270	U	64	270
Propionitrile		5400	U	1200	5400
1,1-Dichloropropene		270	U	75	270
Styrene		270	U	46	270
1,1,1,2-Tetrachloroethane		270	U	75	270
1,1,2,2-Tetrachloroethane		270	U	54	270
Tetrachloroethylene		270	U	54	270
Toluene		270	U	54	270
Hexachlorobutadiene		270	U	86	270
1,1,1-Trichloroethane		270	U	46	270
1,1,2-Trichloroethane		270	U	64	270
Trichloroethylene		270	U	64	270
Trichlorofluoromethane		270	U *	75	270
Isopropylbenzene		310		53	270
1,2,3-Trichloropropane		270	U	140	270
p-Isopropyltoluene		1500		64	270
Vinyl acetate		540	U	100	540
Vinyl chloride		270	U	49	270
Methyl tert-butyl ether		2700	U	97	2700
Naphthalene		3700		180	270
N-Propylbenzene		620		64	270
1,2,3-Trichlorobenzene		270	U	54	270
1,2,4-Trichlorobenzene		270	U	120	270
Freon 113		270	U	54	270
1,2,4-Trimethylbenzene		2200		54	270
1,3,5-Trimethylbenzene		690		70	270
o-Xylene		270	U	75	270
m-Xylene & p-Xylene		110	J	110	540
1-Chlorohexane		160	J	42	270
Hexane		270	U	120	270

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	108	68 - 121
Dibromofluoromethane	98	66 - 127
Toluene-d8 (Surr)	107	65 - 128

Analytical Data

Client: Bhate Engineering

Job Number: 680-21081-1
Sdg Number: HOLL011

Client Sample ID: **Trip Blank**

Lab Sample ID: 680-21081-5TB
Client Matrix: Water

Date Sampled: 10/12/2006 0000
Date Received: 10/13/2006 0845

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 10/16/2006 2332
Date Prepared: 10/16/2006 2332

Analysis Batch: 680-57554

Instrument ID: GC/MS Volatiles - O
Lab File ID: o1453.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzene	1.0	U	0.54	1.0
Methyl bromide	1.0	U	0.93	1.0
Methyl chloride	1.0	U	0.53	1.0
Allyl chloride	1.0	U	0.35	1.0
Acetone	25	U	7.3	25
Acetonitrile	40	U	0.23	40
Acrolein	20	U	12	20
Bromobenzene	1.0	U	0.45	1.0
Bromochloromethane	1.0	U	0.25	1.0
Acrylonitrile	20	U	3.2	20
Dichlorobromomethane	1.0	U	0.42	1.0
Bromoform	1.0	U	0.36	1.0
n-Butylbenzene	1.0	U	0.38	1.0
Methyl Ethyl Ketone	10	U	0.72	10
Carbon disulfide	2.0	U	0.75	2.0
sec-Butylbenzene	1.0	U	0.60	1.0
Carbon tetrachloride	1.0	U	0.91	1.0
tert-Butylbenzene	1.0	U	0.63	1.0
Chlorobenzene	1.0	U	0.41	1.0
Chloroethane	1.0	U	0.89	1.0
Chloroform	1.0	U	0.52	1.0
Dibromochloromethane	1.0	U	0.40	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.65	1.0
1,2-Dibromoethane	1.0	U	0.34	1.0
o-Chlorotoluene	1.0	U	0.58	1.0
Methylene bromide	1.0	U	0.33	1.0
trans-1,4-Dichloro-2-butene	2.0	U	0.80	2.0
p-Chlorotoluene	1.0	U	0.44	1.0
Dichlorodifluoromethane	1.0	U *	0.73	1.0
1,1-Dichloroethane	1.0	U	0.56	1.0
1,2-Dichloroethane	1.0	U	0.28	1.0
1,1-Dichlorethylene	1.0	U	0.93	1.0
o-Dichlorobenzene	1.0	U	0.21	1.0
trans-1-2-Dichloroethylene	1.0	U	0.80	1.0
m-Dichlorobenzene	1.0	U	0.28	1.0
1,2-Dichloropropane	1.0	U	0.26	1.0
cis-1,3-Dichloropropene	1.0	U	0.41	1.0
p-Dichlorobenzene	1.0	U	0.44	1.0
trans-1,3-Dichloropropene	1.0	U	0.36	1.0
Ethylbenzene	1.0	U	0.62	1.0
Ethyl methacrylate	1.0	U	0.33	1.0
2-Hexanone	10	U	0.39	10
Methyl iodide	5.0	U	0.96	5.0

Analytical Data

Client: Bhate Engineering

Job Number: 680-21081-1
Sdg Number: HOLL011

Client Sample ID: **Trip Blank**

Lab Sample ID: 680-21081-5TB
Client Matrix: Water

Date Sampled: 10/12/2006 0000
Date Received: 10/13/2006 0845

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 10/16/2006 2332
Date Prepared: 10/16/2006 2332

Analysis Batch: 680-57554

Instrument ID: GC/MS Volatiles - O
Lab File ID: o1453.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
cis-1,2-Dichloroethylene	1.0	U	0.55	1.0
Methacrylonitrile	20	U	9.1	20
Methylene Chloride	5.0	U	0.44	5.0
Methyl methacrylate	1.0	U	0.36	1.0
1,3-Dichloropropane	1.0	U	0.31	1.0
4-Methyl-2-pentanone	10	U	0.45	10
Pentachloroethane	5.0	U	1.0	5.0
2,2-Dichloropropane	1.0	U	0.86	1.0
Propionitrile	20	U	10	20
1,1-Dichloropropene	1.0	U	0.80	1.0
Styrene	1.0	U	0.42	1.0
1,1,1,2-Tetrachloroethane	1.0	U	0.53	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.21	1.0
Tetrachloroethylene	1.0	U	0.75	1.0
Toluene	1.0	U	0.62	1.0
Hexachlorobutadiene	1.0	U	0.50	1.0
1,1,1-Trichloroethane	1.0	U	0.79	1.0
1,1,2-Trichloroethane	1.0	U	0.37	1.0
Trichloroethylene	1.0	U	0.71	1.0
Isopropylbenzene	1.0	U	0.66	1.0
Trichlorofluoromethane	1.0	U	0.96	1.0
1,2,3-Trichloropropane	1.0	U	0.44	1.0
p-Isopropyltoluene	1.0	U	0.52	1.0
Vinyl acetate	2.0	U	0.70	2.0
Vinyl chloride	1.0	U	0.92	1.0
Methyl tert-butyl ether	10	U	0.45	10
Naphthalene	5.0	U	0.12	5.0
N-Propylbenzene	1.0	U	0.45	1.0
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2,4-Trichlorobenzene	1.0	U	0.28	1.0
Freon 113	1.0	U	0.10	1.0
1,2,4-Trimethylbenzene	1.0	U	0.44	1.0
1,3,5-Trimethylbenzene	1.0	U	0.49	1.0
o-Xylene	1.0	U	0.49	1.0
m-Xylene & p-Xylene	2.0	U	1.3	2.0
1-Chlorohexane	1.0	U	0.42	1.0
Hexane	5.0	U	5.0	5.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	99	77 - 120
Dibromofluoromethane	97	75 - 123
Toluene-d8 (Surr)	103	79 - 122

Analytical Data

Client: Bhate Engineering

Job Number: 680-21081-1
Sdg Number: HOLL011

Client Sample ID: **WPOL-SW25**

Lab Sample ID: 680-21081-1
Client Matrix: Solid
% Moisture: 15.8
Date Sampled: 10/12/2006 0915
Date Received: 10/13/2006 0845

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3550B
Dilution: 1.0
Date Analyzed: 10/17/2006 1151
Date Prepared: 10/16/2006 1245

Analysis Batch: 680-57617
Prep Batch: 680-57483

Instrument ID: GC/MS SemiVolatiles - T
Lab File ID: t5479.d
Initial Weight/Volume: 30.03 g
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		390	U	23	390
Acenaphthylene		390	U	20	390
Anthracene		390	U	27	390
Benzidine		3200	U	99	3200
Benzo[a]anthracene		390	U	37	390
Benzo[a]pyrene		390	U	23	390
Benzo[b]fluoranthene		390	U	31	390
Benzo[g,h,i]perylene		29	J	27	390
Benzoic acid		2000	U	200	2000
Benzo[k]fluoranthene		390	U	43	390
Benzyl alcohol		390	U	45	390
Bis(2-chloroethoxy)methane		390	U	28	390
Bis(2-chloroethyl)ether		390	U	33	390
bis(chloroisopropyl) ether		390	U	42	390
Bis(2-ethylhexyl) phthalate		390	U	45	390
4-Bromophenyl phenyl ether		390	U	37	390
Butyl benzyl phthalate		390	U	32	390
4-Chloroaniline		780	U	31	780
4-Chloro-3-methylphenol		390	U	40	390
2-Chloronaphthalene		390	U	28	390
2-Chlorophenol		390	U	32	390
4-Chlorophenyl phenyl ether		390	U	23	390
Chrysene		390	U	30	390
Dibenz(a,h)anthracene		390	U	28	390
Dibenzofuran		390	U	23	390
1,2-Dichlorobenzene		390	U	27	390
1,3-Dichlorobenzene		390	U	31	390
1,4-Dichlorobenzene		390	U	26	390
3,3'-Dichlorobenzidine		780	U	36	780
2,4-Dichlorophenol		390	U	27	390
Diethyl phthalate		390	U	26	390
2,4-Dimethylphenol		390	U	42	390
Dimethyl phthalate		390	U	23	390
Di-n-butyl phthalate		390	U	33	390
4,6-Dinitro-o-cresol		2000	U	240	2000
2,4-Dinitrophenol		2000	U	200	2000
2,6-Dinitrotoluene		390	U	39	390
2,4-Dinitrotoluene		390	U	23	390
Di-n-octyl phthalate		390	U	37	390
Fluoranthene		390	U	31	390
Fluorene		390	U	26	390
Hexachlorobenzene		390	U	31	390
Hexachlorobutadiene		390	U	24	390

Analytical Data

Client: Bhate Engineering

Job Number: 680-21081-1
Sdg Number: HOLL011

Client Sample ID: WPOL-SW25

Lab Sample ID:	680-21081-1			Date Sampled:	10/12/2006 0915
Client Matrix:	Solid	% Moisture:	15.8	Date Received:	10/13/2006 0845

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-57617		Instrument ID:	GC/MS SemiVolatiles - T
Preparation:	3550B	Prep Batch: 680-57483		Lab File ID:	t5479.d
Dilution:	1.0			Initial Weight/Volume:	30.03 g
Date Analyzed:	10/17/2006 1151			Final Weight/Volume:	1 mL
Date Prepared:	10/16/2006 1245			Injection Volume:	

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Hexachlorocyclopentadiene		390	U	99	390
Hexachloroethane		390	U	24	390
Indeno[1,2,3-cd]pyrene		390	U	31	390
Isophorone		390	U	26	390
2-Methylnaphthalene		390	U	28	390
2-Methylphenol		390	U	36	390
3 & 4 Methylphenol		390	U	34	390
Naphthalene		390	U	23	390
3-Nitroaniline		2000	U	39	2000
2-Nitroaniline		2000	U	27	2000
4-Nitroaniline		2000	U	20	2000
Nitrobenzene		390	U	42	390
4-Nitrophenol		2000	U	250	2000
2-Nitrophenol		390	U	24	390
N-Nitrosodi-n-propylamine		390	U	33	390
N-Nitrosodiphenylamine		390	U	27	390
Pentachlorophenol		2000	U	99	2000
Phenanthrene		390	U	34	390
Phenol		390	U	36	390
Pyrene		390	U	24	390
1,2,4-Trichlorobenzene		390	U	25	390
2,4,5-Trichlorophenol		390	U	38	390
2,4,6-Trichlorophenol		390	U	24	390

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	59	38 - 104
2-Fluorophenol	55	36 - 101
Nitrobenzene-d5	49	33 - 94
Phenol-d5	59	38 - 102
Terphenyl-d14	56	40 - 129
2,4,6-Tribromophenol	51	27 - 124

Client: Bhate Engineering

Job Number: 680-21081-1
Sdg Number: HOLL011

Client Sample ID: **WPOL-SW26**

Lab Sample ID: 680-21081-2
Client Matrix: Solid
% Moisture: 30.9
Date Sampled: 10/12/2006 0930
Date Received: 10/13/2006 0845

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3550B
Dilution: 10
Date Analyzed: 10/14/2006 1406
Date Prepared: 10/13/2006 0947

Analysis Batch: 680-57418
Prep Batch: 680-57330

Instrument ID: GC/MS SemiVolatiles - G
Lab File ID: g6888.d
Initial Weight/Volume: 30.08 g
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		4800	U	270	4800
Acenaphthylene		4800	U	250	4800
Anthracene		4800	U	330	4800
Benzidine		39000	U	1200	39000
Benzo[a]anthracene		4800	U	450	4800
Benzo[a]pyrene		4800	U	270	4800
Benzo[b]fluoranthene		4800	U	380	4800
Benzo[g,h,i]perylene		4800	U	330	4800
Benzoic acid		25000	U *	2500	25000
Benzo[k]fluoranthene		4800	U	520	4800
Benzyl alcohol		4800	U	550	4800
Bis(2-chloroethoxy)methane		4800	U	350	4800
Bis(2-chloroethyl)ether		4800	U	400	4800
bis(chloroisopropyl) ether		4800	U	510	4800
Bis(2-ethylhexyl) phthalate		4800	U	550	4800
4-Bromophenyl phenyl ether		4800	U	450	4800
Butyl benzyl phthalate		4800	U	390	4800
4-Chloroaniline		9500	U	380	9500
4-Chloro-3-methylphenol		4800	U	490	4800
2-Chloronaphthalene		4800	U	350	4800
2-Chlorophenol		4800	U	390	4800
4-Chlorophenyl phenyl ether		4800	U	270	4800
Chrysene		4800	U	360	4800
Dibenz(a,h)anthracene		4800	U	350	4800
Dibenzofuran		4800	U	270	4800
1,2-Dichlorobenzene		4800	U	330	4800
1,3-Dichlorobenzene		4800	U	380	4800
1,4-Dichlorobenzene		4800	U	320	4800
3,3'-Dichlorobenzidine		9500	U	430	9500
2,4-Dichlorophenol		4800	U	330	4800
Diethyl phthalate		4800	U	320	4800
2,4-Dimethylphenol		4800	U	510	4800
Dimethyl phthalate		4800	U	270	4800
Di-n-butyl phthalate		4800	U	400	4800
4,6-Dinitro-o-cresol		25000	U	2900	25000
2,4-Dinitrophenol		25000	U	2500	25000
2,6-Dinitrotoluene		4800	U	480	4800
2,4-Dinitrotoluene		4800	U	270	4800
Di-n-octyl phthalate		4800	U	450	4800
Fluoranthene		4800	U	380	4800
Fluorene		4800	U	320	4800
Hexachlorobenzene		4800	U	380	4800
Hexachlorobutadiene		4800	U	290	4800

Analytical Data

Client: Bhate Engineering

Job Number: 680-21081-1
Sdg Number: HOLL011

Client Sample ID: WPOL-SW26

Lab Sample ID:	680-21081-2			Date Sampled:	10/12/2006 0930
Client Matrix:	Solid	% Moisture:	30.9	Date Received:	10/13/2006 0845

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-57418		Instrument ID:	GC/MS SemiVolatiles - G
Preparation:	3550B	Prep Batch: 680-57330		Lab File ID:	g6888.d
Dilution:	10			Initial Weight/Volume:	30.08 g
Date Analyzed:	10/14/2006 1406			Final Weight/Volume:	1.0 mL
Date Prepared:	10/13/2006 0947			Injection Volume:	

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Hexachlorocyclopentadiene		4800	U	1200	4800
Hexachloroethane		4800	U	290	4800
Indeno[1,2,3-cd]pyrene		4800	U	380	4800
Isophorone		4800	U	320	4800
2-Methylnaphthalene		9000		350	4800
2-Methylphenol		4800	U	430	4800
3 & 4 Methylphenol		4800	U	420	4800
Naphthalene		4000	J	270	4800
3-Nitroaniline		25000	U	480	25000
2-Nitroaniline		25000	U	330	25000
4-Nitroaniline		25000	U	250	25000
Nitrobenzene		4800	U	510	4800
4-Nitrophenol		25000	U	3000	25000
2-Nitrophenol		4800	U	290	4800
N-Nitrosodi-n-propylamine		4800	U	400	4800
N-Nitrosodiphenylamine		4800	U	330	4800
Pentachlorophenol		25000	U	1200	25000
Phenanthrene		4800	U	420	4800
Phenol		4800	U	430	4800
Pyrene		4800	U	290	4800
1,2,4-Trichlorobenzene		4800	U	300	4800
2,4,5-Trichlorophenol		4800	U	460	4800
2,4,6-Trichlorophenol		4800	U	290	4800

Surrogate	%Rec		Acceptance Limits
2-Fluorobiphenyl	0	D	38 - 104
2-Fluorophenol	0	D	36 - 101
Nitrobenzene-d5	0	D	33 - 94
Phenol-d5	0	D	38 - 102
Terphenyl-d14	0	D	40 - 129
2,4,6-Tribromophenol	0	D	27 - 124

Client: Bhate Engineering

Job Number: 680-21081-1
Sdg Number: HOLL011

Client Sample ID: **WPOL-SW27**

Lab Sample ID: 680-21081-3
Client Matrix: Solid
% Moisture: 29.5
Date Sampled: 10/12/2006 0945
Date Received: 10/13/2006 0845

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3550B
Dilution: 1.0
Date Analyzed: 10/13/2006 1907
Date Prepared: 10/13/2006 0947

Analysis Batch: 680-57416
Prep Batch: 680-57330

Instrument ID: GC/MS SemiVolatiles - G
Lab File ID: g6881.d
Initial Weight/Volume: 30.09 g
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		470	U	27	470
Acenaphthylene		470	U	24	470
Anthracene		470	U	33	470
Benzidine		3800	U	120	3800
Benzo[a]anthracene		470	U	44	470
Benzo[a]pyrene		470	U	27	470
Benzo[b]fluoranthene		470	U	37	470
Benzo[g,h,i]perylene		470	U	33	470
Benzoic acid		2400	U *	240	2400
Benzo[k]fluoranthene		470	U	51	470
Benzyl alcohol		470	U	54	470
Bis(2-chloroethoxy)methane		470	U	34	470
Bis(2-chloroethyl)ether		470	U	40	470
bis(chloroisopropyl) ether		470	U	49	470
Bis(2-ethylhexyl) phthalate		470	U	54	470
4-Bromophenyl phenyl ether		470	U	44	470
Butyl benzyl phthalate		470	U	38	470
4-Chloroaniline		930	U	37	930
4-Chloro-3-methylphenol		470	U	48	470
2-Chloronaphthalene		470	U	34	470
2-Chlorophenol		470	U	38	470
4-Chlorophenyl phenyl ether		470	U	27	470
Chrysene		470	U	35	470
Dibenz(a,h)anthracene		470	U	34	470
Dibenzofuran		470	U	27	470
1,2-Dichlorobenzene		470	U	33	470
1,3-Dichlorobenzene		470	U	37	470
1,4-Dichlorobenzene		470	U	31	470
3,3'-Dichlorobenzidine		930	U	42	930
2,4-Dichlorophenol		470	U	33	470
Diethyl phthalate		470	U	31	470
2,4-Dimethylphenol		470	U	49	470
Dimethyl phthalate		470	U	27	470
Di-n-butyl phthalate		470	U	40	470
4,6-Dinitro-o-cresol		2400	U	280	2400
2,4-Dinitrophenol		2400	U	240	2400
2,6-Dinitrotoluene		470	U	47	470
2,4-Dinitrotoluene		470	U	27	470
Di-n-octyl phthalate		470	U	44	470
Fluoranthene		470	U	37	470
Fluorene		100	J	31	470
Hexachlorobenzene		470	U	37	470
Hexachlorobutadiene		470	U	28	470

Client: Bhate Engineering

Job Number: 680-21081-1
Sdg Number: HOLL011

Client Sample ID: **WPOL-SW27**

Lab Sample ID: 680-21081-3
Client Matrix: Solid
% Moisture: 29.5
Date Sampled: 10/12/2006 0945
Date Received: 10/13/2006 0845

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3550B
Dilution: 1.0
Date Analyzed: 10/13/2006 1907
Date Prepared: 10/13/2006 0947

Analysis Batch: 680-57416
Prep Batch: 680-57330

Instrument ID: GC/MS SemiVolatiles - G
Lab File ID: g6881.d
Initial Weight/Volume: 30.09 g
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Hexachlorocyclopentadiene		470	U	120	470
Hexachloroethane		470	U	28	470
Indeno[1,2,3-cd]pyrene		470	U	37	470
Isophorone		470	U	31	470
2-Methylnaphthalene		6700		34	470
2-Methylphenol		470	U	42	470
3 & 4 Methylphenol		470	U	41	470
Naphthalene		2600		27	470
3-Nitroaniline		2400	U	47	2400
2-Nitroaniline		2400	U	33	2400
4-Nitroaniline		2400	U	24	2400
Nitrobenzene		470	U	49	470
4-Nitrophenol		2400	U	300	2400
2-Nitrophenol		470	U	28	470
N-Nitrosodi-n-propylamine		470	U	40	470
N-Nitrosodiphenylamine		470	U	33	470
Pentachlorophenol		2400	U	120	2400
Phenanthrene		470	U	41	470
Phenol		470	U	42	470
Pyrene		470	U	28	470
1,2,4-Trichlorobenzene		470	U	30	470
2,4,5-Trichlorophenol		470	U	45	470
2,4,6-Trichlorophenol		470	U	28	470

Surrogate	%Rec		Acceptance Limits
2-Fluorobiphenyl	55		38 - 104
2-Fluorophenol	49		36 - 101
Nitrobenzene-d5	108	X	33 - 94
Phenol-d5	54		38 - 102
Terphenyl-d14	59		40 - 129
2,4,6-Tribromophenol	53		27 - 124

Client: Bhate Engineering

Job Number: 680-21081-1
Sdg Number: HOLL011

Client Sample ID: **WPOL-SW28**

Lab Sample ID: 680-21081-4
Client Matrix: Solid
% Moisture: 29.7
Date Sampled: 10/12/2006 1000
Date Received: 10/13/2006 0845

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3550B
Dilution: 1.0
Date Analyzed: 10/13/2006 1935
Date Prepared: 10/13/2006 0947

Analysis Batch: 680-57416
Prep Batch: 680-57330

Instrument ID: GC/MS SemiVolatiles - G
Lab File ID: g6882.d
Initial Weight/Volume: 30.02 g
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		470	U	27	470
Acenaphthylene		470	U	24	470
Anthracene		470	U	33	470
Benzidine		3800	U	120	3800
Benzo[a]anthracene		470	U	44	470
Benzo[a]pyrene		470	U	27	470
Benzo[b]fluoranthene		470	U	37	470
Benzo[g,h,i]perylene		470	U	33	470
Benzoic acid		2400	U	240	2400
Benzo[k]fluoranthene		470	U	51	470
Benzyl alcohol		470	U	54	470
Bis(2-chloroethoxy)methane		470	U	34	470
Bis(2-chloroethyl)ether		470	U	40	470
bis(chloroisopropyl) ether		470	U	50	470
Bis(2-ethylhexyl) phthalate		470	U	54	470
4-Bromophenyl phenyl ether		470	U	44	470
Butyl benzyl phthalate		470	U	38	470
4-Chloroaniline		940	U	37	940
4-Chloro-3-methylphenol		470	U	48	470
2-Chloronaphthalene		470	U	34	470
2-Chlorophenol		470	U	38	470
4-Chlorophenyl phenyl ether		470	U	27	470
Chrysene		470	U	36	470
Dibenz(a,h)anthracene		470	U	34	470
Dibenzofuran		470	U	27	470
1,2-Dichlorobenzene		470	U	33	470
1,3-Dichlorobenzene		470	U	37	470
1,4-Dichlorobenzene		470	U	31	470
3,3'-Dichlorobenzidine		940	U	43	940
2,4-Dichlorophenol		470	U	33	470
Diethyl phthalate		470	U	31	470
2,4-Dimethylphenol		470	U	50	470
Dimethyl phthalate		470	U	27	470
Di-n-butyl phthalate		470	U	40	470
4,6-Dinitro-o-cresol		2400	U	280	2400
2,4-Dinitrophenol		2400	U	240	2400
2,6-Dinitrotoluene		470	U	47	470
2,4-Dinitrotoluene		470	U	27	470
Di-n-octyl phthalate		470	U	44	470
Fluoranthene		470	U	37	470
Fluorene		470	U	31	470
Hexachlorobenzene		470	U	37	470
Hexachlorobutadiene		470	U	28	470

Analytical Data

Client: Bhate Engineering

Job Number: 680-21081-1
Sdg Number: HOLL011

Client Sample ID: **WPOL-SW28**

Lab Sample ID:	680-21081-4			Date Sampled:	10/12/2006 1000
Client Matrix:	Solid	% Moisture:	29.7	Date Received:	10/13/2006 0845

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-57416		Instrument ID:	GC/MS SemiVolatiles - G
Preparation:	3550B	Prep Batch: 680-57330		Lab File ID:	g6882.d
Dilution:	1.0			Initial Weight/Volume:	30.02 g
Date Analyzed:	10/13/2006 1935			Final Weight/Volume:	1.0 mL
Date Prepared:	10/13/2006 0947			Injection Volume:	

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Hexachlorocyclopentadiene		470	U	120	470
Hexachloroethane		470	U	28	470
Indeno[1,2,3-cd]pyrene		470	U	37	470
Isophorone		470	U	31	470
2-Methylnaphthalene		2800		34	470
2-Methylphenol		470	U	43	470
3 & 4 Methylphenol		470	U	41	470
Naphthalene		1100		27	470
3-Nitroaniline		2400	U	47	2400
2-Nitroaniline		2400	U	33	2400
4-Nitroaniline		2400	U	24	2400
Nitrobenzene		470	U	50	470
4-Nitrophenol		2400	U	300	2400
2-Nitrophenol		470	U	28	470
N-Nitrosodi-n-propylamine		470	U	40	470
N-Nitrosodiphenylamine		470	U	33	470
Pentachlorophenol		2400	U	120	2400
Phenanthrene		470	U	41	470
Phenol		470	U	43	470
Pyrene		470	U	28	470
1,2,4-Trichlorobenzene		470	U	30	470
2,4,5-Trichlorophenol		470	U	45	470
2,4,6-Trichlorophenol		470	U	28	470

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	52	38 - 104
2-Fluorophenol	47	36 - 101
Nitrobenzene-d5	69	33 - 94
Phenol-d5	51	38 - 102
Terphenyl-d14	57	40 - 129
2,4,6-Tribromophenol	52	27 - 124

Analytical Data

Client: Bhate Engineering

Job Number: 680-21081-1
Sdg Number: HOLL011

Client Sample ID: WPOL-SW25

Lab Sample ID:	680-21081-1			Date Sampled:	10/12/2006 0915
Client Matrix:	Solid	% Moisture:	15.8	Date Received:	10/13/2006 0845

8015B Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Method:	8015B	Analysis Batch: 680-57499		Instrument ID:	GC Volatiles - A
Preparation:	5035	Prep Batch: 680-57342		Lab File ID:	PC13A7.d
Dilution:	1.0			Initial Weight/Volume:	6.0 g
Date Analyzed:	10/13/2006 1317			Final Weight/Volume:	5 g
Date Prepared:	10/13/2006 1043			Injection Volume:	
				Column ID:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Gasoline Range Organics (GRO)-C6-C10		0.25	U	0.081	0.25

Surrogate	%Rec	Acceptance Limits
a,a,a-Trifluorotoluene	90	61 - 139

Analytical Data

Client: Bhate Engineering

Job Number: 680-21081-1
Sdg Number: HOLL011

Client Sample ID: WPOL-SW26

Lab Sample ID:	680-21081-2			Date Sampled:	10/12/2006 0930
Client Matrix:	Solid	% Moisture:	30.9	Date Received:	10/13/2006 0845

8015B Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Method:	8015B	Analysis Batch: 680-57498		Instrument ID:	GC Volatiles - A
Preparation:	5035	Prep Batch: 680-57342		Lab File ID:	PC13A8.d
Dilution:	1.0			Initial Weight/Volume:	4.5 g
Date Analyzed:	10/13/2006 1356			Final Weight/Volume:	5 g
Date Prepared:	10/13/2006 1043			Injection Volume:	
				Column ID:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Gasoline Range Organics (GRO)-C6-C10		830		26	80

Surrogate	%Rec	Acceptance Limits
a,a,a-Trifluorotoluene	64	61 - 139

Analytical Data

Client: Bhate Engineering

Job Number: 680-21081-1
Sdg Number: HOLL011

Client Sample ID: WPOL-SW27

Lab Sample ID:	680-21081-3			Date Sampled:	10/12/2006 0945
Client Matrix:	Solid	% Moisture:	29.5	Date Received:	10/13/2006 0845

8015B Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Method:	8015B	Analysis Batch: 680-57504		Instrument ID:	GC Volatiles - A
Preparation:	5035	Prep Batch: 680-57342		Lab File ID:	PC16A5.d
Dilution:	1.0			Initial Weight/Volume:	4.7 g
Date Analyzed:	10/16/2006 1110			Final Weight/Volume:	5 g
Date Prepared:	10/13/2006 1043			Injection Volume:	
				Column ID:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Gasoline Range Organics (GRO)-C6-C10		700		25	75

Surrogate	%Rec	Acceptance Limits
a,a,a-Trifluorotoluene	66	61 - 139

Analytical Data

Client: Bhate Engineering

Job Number: 680-21081-1
Sdg Number: HOLL011

Client Sample ID: WPOL-SW28

Lab Sample ID:	680-21081-4			Date Sampled:	10/12/2006 1000
Client Matrix:	Solid	% Moisture:	29.7	Date Received:	10/13/2006 0845

8015B Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Method:	8015B	Analysis Batch: 680-57504		Instrument ID:	GC Volatiles - A
Preparation:	5035	Prep Batch: 680-57342		Lab File ID:	PC16A6.d
Dilution:	1.0			Initial Weight/Volume:	5.3 g
Date Analyzed:	10/16/2006 1148			Final Weight/Volume:	5 g
Date Prepared:	10/13/2006 1043			Injection Volume:	
				Column ID:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Gasoline Range Organics (GRO)-C6-C10		620		22	67

Surrogate	%Rec	Acceptance Limits
a,a,a-Trifluorotoluene	80	61 - 139

Analytical Data

Client: Bhate Engineering

Job Number: 680-21081-1
Sdg Number: HOLL011

Client Sample ID: WPOL-SW25

Lab Sample ID:	680-21081-1			Date Sampled:	10/12/2006 0915
Client Matrix:	Solid	% Moisture:	15.8	Date Received:	10/13/2006 0845

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method:	8015B	Analysis Batch: 680-57444		Instrument ID:	GC SemiVolatiles - Q
Preparation:	3550B	Prep Batch: 680-57321		Lab File ID:	q0130083.d
Dilution:	1.0			Initial Weight/Volume:	30.00 g
Date Analyzed:	10/14/2006 1439			Final Weight/Volume:	1.0 mL
Date Prepared:	10/13/2006 0900			Injection Volume:	
				Column ID:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Diesel Range Organics [C10-C28]		20		2.0	3.9
Oil Range Organics (C20-C36)		70		10	20

Surrogate	%Rec	Acceptance Limits
o-Terphenyl	58	15 - 154

Analytical Data

Client: Bhate Engineering

Job Number: 680-21081-1
Sdg Number: HOLL011

Client Sample ID: **WPOL-SW26**

Lab Sample ID:	680-21081-2			Date Sampled:	10/12/2006 0930
Client Matrix:	Solid	% Moisture:	30.9	Date Received:	10/13/2006 0845

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method:	8015B	Analysis Batch: 680-57444		Instrument ID:	GC SemiVolatiles - Q
Preparation:	3550B	Prep Batch: 680-57321		Lab File ID:	q0130085.d
Dilution:	10			Initial Weight/Volume:	30.04 g
Date Analyzed:	10/14/2006 1516			Final Weight/Volume:	1.0 mL
Date Prepared:	10/13/2006 0900			Injection Volume:	
				Column ID:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Diesel Range Organics [C10-C28]		2800		25	48
Oil Range Organics (C20-C36)		250	U	120	250

Surrogate	%Rec		Acceptance Limits
o-Terphenyl	0	D	15 - 154

Analytical Data

Client: Bhate Engineering

Job Number: 680-21081-1
Sdg Number: HOLL011

Client Sample ID: WPOL-SW27

Lab Sample ID:	680-21081-3			Date Sampled:	10/12/2006 0945
Client Matrix:	Solid	% Moisture:	29.5	Date Received:	10/13/2006 0845

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method:	8015B	Analysis Batch: 680-57444		Instrument ID:	GC SemiVolatiles - Q
Preparation:	3550B	Prep Batch: 680-57321		Lab File ID:	q0130086.d
Dilution:	10			Initial Weight/Volume:	30.12 g
Date Analyzed:	10/14/2006 1534			Final Weight/Volume:	1.0 mL
Date Prepared:	10/13/2006 0900			Injection Volume:	
				Column ID:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Diesel Range Organics [C10-C28]		1800		24	47
Oil Range Organics (C20-C36)		240	U	120	240

Surrogate	%Rec		Acceptance Limits
o-Terphenyl	0	D	15 - 154

Analytical Data

Client: Bhate Engineering

Job Number: 680-21081-1
Sdg Number: HOLL011

Client Sample ID: WPOL-SW28

Lab Sample ID:	680-21081-4			Date Sampled:	10/12/2006 1000
Client Matrix:	Solid	% Moisture:	29.7	Date Received:	10/13/2006 0845

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method:	8015B	Analysis Batch: 680-57444		Instrument ID:	GC SemiVolatiles - Q
Preparation:	3550B	Prep Batch: 680-57321		Lab File ID:	q0130087.d
Dilution:	2.0			Initial Weight/Volume:	30.07 g
Date Analyzed:	10/14/2006 1552			Final Weight/Volume:	1.0 mL
Date Prepared:	10/13/2006 0900			Injection Volume:	
				Column ID:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Diesel Range Organics [C10-C28]		660		4.8	9.4
Oil Range Organics (C20-C36)		48	U	24	48

Surrogate	%Rec	Acceptance Limits
o-Terphenyl	82	15 - 154

General Chemistry

Client Sample ID: WPOL-SW25

Lab Sample ID: 680-21081-1
Client Matrix: Solid

Date Sampled: 10/12/2006 0915
Date Received: 10/13/2006 0845

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	16		%	1.0	1.0	1.0	PercentMoisture
	Anly Batch: 680-57335	Date Analyzed	10/13/2006 1009				
Percent Solids	84		%	1.0	1.0	1.0	PercentMoisture
	Anly Batch: 680-57335	Date Analyzed	10/13/2006 1009				

Client Sample ID: WPOL-SW26

Lab Sample ID: 680-21081-2
Client Matrix: Solid

Date Sampled: 10/12/2006 0930
Date Received: 10/13/2006 0845

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	31		%	1.0	1.0	1.0	PercentMoisture
	Anly Batch: 680-57335	Date Analyzed	10/13/2006 1009				
Percent Solids	69		%	1.0	1.0	1.0	PercentMoisture
	Anly Batch: 680-57335	Date Analyzed	10/13/2006 1009				

Client Sample ID: WPOL-SW27

Lab Sample ID: 680-21081-3
Client Matrix: Solid

Date Sampled: 10/12/2006 0945
Date Received: 10/13/2006 0845

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	29		%	1.0	1.0	1.0	PercentMoisture
	Anly Batch: 680-57335	Date Analyzed	10/13/2006 1009				
Percent Solids	71		%	1.0	1.0	1.0	PercentMoisture
	Anly Batch: 680-57335	Date Analyzed	10/13/2006 1009				

Client: Bhate Engineering

Job Number: 680-21081-1
Sdg Number: HOLL011

General Chemistry

Client Sample ID: **WPOL-SW28**

Lab Sample ID: 680-21081-4
Client Matrix: Solid

Date Sampled: 10/12/2006 1000
Date Received: 10/13/2006 0845

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	30		%	1.0	1.0	1.0	PercentMoisture
	Anly Batch: 680-57335	Date Analyzed	10/13/2006 1009				
Percent Solids	70		%	1.0	1.0	1.0	PercentMoisture
	Anly Batch: 680-57335	Date Analyzed	10/13/2006 1009				

DATA REPORTING QUALIFIERS

Client: Bhate Engineering

Job Number: 680-21081-1
Sdg Number: HOLL011

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Indicates the analyte was analyzed for but not detected.
	*	LCS or LCSD exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
GC/MS Semi VOA		
	U	Indicates the analyte was analyzed for but not detected.
	*	LCS or LCSD exceeds the control limits
	F	MS or MSD exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	X	Surrogate exceeds the control limits
	D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
GC VOA		
	U	Indicates the analyte was analyzed for but not detected.
GC Semi VOA		
	U	Indicates the analyte was analyzed for but not detected.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.

Client: Bhate Engineering

Job Number: 680-21081-1
Sdg Number: HOLL011

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Prep Batch: 680-57342					
680-21081-1	WPOL-SW25	T	Solid	5035	
680-21081-2	WPOL-SW26	T	Solid	5035	
680-21081-3	WPOL-SW27	T	Solid	5035	
680-21081-4	WPOL-SW28	T	Solid	5035	
Analysis Batch:680-57356					
LCS 680-57356/4	Lab Control Spike	T	Solid	8260B	
MB 680-57356/6	Method Blank	T	Solid	8260B	
680-21081-1	WPOL-SW25	T	Solid	8260B	680-57342
Analysis Batch:680-57457					
LCS 680-57457/3	Lab Control Spike	T	Solid	8260B	
MB 680-57457/4	Method Blank	T	Solid	8260B	
680-21081-2	WPOL-SW26	T	Solid	8260B	680-57342
680-21081-3	WPOL-SW27	T	Solid	8260B	680-57342
680-21081-4	WPOL-SW28	T	Solid	8260B	680-57342
Analysis Batch:680-57554					
LCS 680-57554/6	Lab Control Spike	T	Water	8260B	
MB 680-57554/7	Method Blank	T	Water	8260B	
680-21081-5TB	Trip Blank	T	Water	8260B	

Report Basis
T = Total

Client: Bhate Engineering

Job Number: 680-21081-1
Sdg Number: HOLL011

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 680-57330					
LCS 680-57330/6-A	Lab Control Spike	T	Solid	3550B	
MB 680-57330/5-A	Method Blank	T	Solid	3550B	
680-21081-2	WPOL-SW26	T	Solid	3550B	
680-21081-2MS	Matrix Spike	T	Solid	3550B	
680-21081-2MSD	Matrix Spike Duplicate	T	Solid	3550B	
680-21081-3	WPOL-SW27	T	Solid	3550B	
680-21081-4	WPOL-SW28	T	Solid	3550B	
Analysis Batch:680-57370					
LCS 680-57330/6-A	Lab Control Spike	T	Solid	8270C	680-57330
MB 680-57330/5-A	Method Blank	T	Solid	8270C	680-57330
Analysis Batch:680-57416					
680-21081-3	WPOL-SW27	T	Solid	8270C	680-57330
680-21081-4	WPOL-SW28	T	Solid	8270C	680-57330
Analysis Batch:680-57418					
680-21081-2	WPOL-SW26	T	Solid	8270C	680-57330
680-21081-2MS	Matrix Spike	T	Solid	8270C	680-57330
680-21081-2MSD	Matrix Spike Duplicate	T	Solid	8270C	680-57330
Prep Batch: 680-57483					
LCS 680-57483/5-A	Lab Control Spike	T	Solid	3550B	
MB 680-57483/4-A	Method Blank	T	Solid	3550B	
680-21081-1	WPOL-SW25	T	Solid	3550B	
Analysis Batch:680-57489					
LCS 680-57483/5-A	Lab Control Spike	T	Solid	8270C	680-57483
MB 680-57483/4-A	Method Blank	T	Solid	8270C	680-57483
Analysis Batch:680-57617					
680-21081-1	WPOL-SW25	T	Solid	8270C	680-57483

Report Basis
T = Total

Client: Bhate Engineering

Job Number: 680-21081-1
Sdg Number: HOLL011

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC VOA					
Prep Batch: 680-57342					
680-21081-1	WPOL-SW25	T	Solid	5035	
680-21081-2	WPOL-SW26	T	Solid	5035	
680-21081-3	WPOL-SW27	T	Solid	5035	
680-21081-4	WPOL-SW28	T	Solid	5035	
Analysis Batch:680-57498					
LCS 680-57498/1	Lab Control Spike	T	Solid	8015B	
MB 680-57498/2	Method Blank	T	Solid	8015B	
680-21081-2	WPOL-SW26	T	Solid	8015B	680-57342
Analysis Batch:680-57499					
LCS 680-57499/1	Lab Control Spike	T	Solid	8015B	
MB 680-57499/2	Method Blank	T	Solid	8015B	
680-21081-1	WPOL-SW25	T	Solid	8015B	680-57342
Analysis Batch:680-57504					
LCS 680-57504/1	Lab Control Spike	T	Solid	8015B	
MB 680-57504/2	Method Blank	T	Solid	8015B	
680-21081-3	WPOL-SW27	T	Solid	8015B	680-57342
680-21081-4	WPOL-SW28	T	Solid	8015B	680-57342

Report Basis
T = Total

Client: Bhate Engineering

Job Number: 680-21081-1
Sdg Number: HOLL011

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 680-57321					
LCS 680-57321/14-A	Lab Control Spike	T	Solid	3550B	
MB 680-57321/13-A	Method Blank	T	Solid	3550B	
680-21081-1	WPOL-SW25	T	Solid	3550B	
680-21081-2	WPOL-SW26	T	Solid	3550B	
680-21081-3	WPOL-SW27	T	Solid	3550B	
680-21081-4	WPOL-SW28	T	Solid	3550B	
Analysis Batch:680-57409					
LCS 680-57321/14-A	Lab Control Spike	T	Solid	8015B	680-57321
MB 680-57321/13-A	Method Blank	T	Solid	8015B	680-57321
Analysis Batch:680-57444					
680-21081-1	WPOL-SW25	T	Solid	8015B	680-57321
680-21081-2	WPOL-SW26	T	Solid	8015B	680-57321
680-21081-3	WPOL-SW27	T	Solid	8015B	680-57321
680-21081-4	WPOL-SW28	T	Solid	8015B	680-57321

Report Basis
T = Total

General Chemistry					
Analysis Batch:680-57335					
680-21081-1	WPOL-SW25	T	Solid	PercentMoisture	
680-21081-2	WPOL-SW26	T	Solid	PercentMoisture	
680-21081-3	WPOL-SW27	T	Solid	PercentMoisture	
680-21081-4	WPOL-SW28	T	Solid	PercentMoisture	

Report Basis
T = Total

Client: Bhate Engineering

Job Number: 680-21081-1
Sdg Number: HOLL011

Surrogate Recovery Report

8260B Volatile Organic Compounds by GC/MS

Client Matrix: Solid

Lab Sample ID	Client Sample	(BFB) (%Rec)	(DBFM) (%Rec)	(TOL) (%Rec)
LCS 680-57356/4		96	95	95
LCS 680-57457/3		103	102	111
MB 680-57356/6		100	104	99
MB 680-57457/4		95	98	104
680-21081-1	WPOL-SW25	83	103	90
680-21081-2	WPOL-SW26	105	103	97
680-21081-3	WPOL-SW27	102	100	101
680-21081-4	WPOL-SW28	108	98	107

Surrogate		Acceptance Limits
(BFB)	4-Bromofluorobenzene	68 - 121
(DBFM)	Dibromofluoromethane	66 - 127
(TOL)	Toluene-d8 (Surr)	65 - 128

Client: Bhate Engineering

Job Number: 680-21081-1
Sdg Number: HOLL011

Surrogate Recovery Report

8260B Volatile Organic Compounds by GC/MS

Client Matrix: Water

Lab Sample ID	Client Sample	(BFB) (%Rec)	(DBFM) (%Rec)	(TOL) (%Rec)
LCS 680-57554/6		96	95	98
MB 680-57554/7		97	99	102
680-21081-5TB	Trip Blank	99	97	103

Surrogate		Acceptance Limits
(BFB)	4-Bromofluorobenzene	77 - 120
(DBFM)	Dibromofluoromethane	75 - 123
(TOL)	Toluene-d8 (Surr)	79 - 122

Client: Bhate Engineering

Job Number: 680-21081-1
Sdg Number: HOLL011

Surrogate Recovery Report

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample	(2FP) (%Rec)	(FBP) (%Rec)	(NBZ) (%Rec)	(PHL) (%Rec)	(TBP) (%Rec)	(TPH) (%Rec)
680-21081-2MS	WPOL-SW26	0 D	0 D	0 D	0 D	0 D	0 D
680-21081-2MSD	WPOL-SW26	0 D	0 D	0 D	0 D	0 D	0 D
LCS 680-57330/6-A		88	84	81	90	96	77
LCS 680-57483/5-A		79	91	77	83	91	90
MB 680-57330/5-A		80	78	71	73	47	72
MB 680-57483/4-A		69	80	65	71	65	95
680-21081-1	WPOL-SW25	55	59	49	59	51	56
680-21081-2	WPOL-SW26	0 D	0 D	0 D	0 D	0 D	0 D
680-21081-3	WPOL-SW27	49	55	108 X	54	53	59
680-21081-4	WPOL-SW28	47	52	69	51	52	57

Surrogate		Acceptance Limits
(2FP)	2-Fluorophenol	36 - 101
(FBP)	2-Fluorobiphenyl	38 - 104
(NBZ)	Nitrobenzene-d5	33 - 94
(PHL)	Phenol-d5	38 - 102
(TBP)	2,4,6-Tribromophenol	27 - 124
(TPH)	Terphenyl-d14	40 - 129

Client: Bhate Engineering

Job Number: 680-21081-1
Sdg Number: HOLL011

Surrogate Recovery Report

8015B Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Client Matrix: Solid

Lab Sample ID	Client Sample	(TFT) (%Rec)
LCS 680-57498/1		94
LCS 680-57499/1		90
LCS 680-57504/1		87
MB 680-57498/2		89
MB 680-57499/2		86
MB 680-57504/2		87
680-21081-1	WPOL-SW25	90
680-21081-2	WPOL-SW26	64
680-21081-3	WPOL-SW27	66
680-21081-4	WPOL-SW28	80

Surrogate		Acceptance Limits
(TFT)	a,a,a-Trifluorotoluene	61 - 139

Client: Bhate Engineering

Job Number: 680-21081-1
Sdg Number: HOLL011

Surrogate Recovery Report

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Client Matrix: Solid

Lab Sample ID	Client Sample	(OTPH) (%Rec)
LCS 680-57321/14-A		142
MB 680-57321/13-A		100
680-21081-1	WPOL-SW25	58
680-21081-2	WPOL-SW26	0 D
680-21081-3	WPOL-SW27	0 D
680-21081-4	WPOL-SW28	82

Surrogate		Acceptance Limits
(OTPH)	o-Terphenyl	15 - 154

Client: Bhate Engineering

Job Number: 680-21081-1
Sdg Number: HOLL011

Method Blank - Batch: 680-57356

Method: 8260B
Preparation: N/A

Lab Sample ID: MB 680-57356/6
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/13/2006 1401
Date Prepared: N/A

Analysis Batch: 680-57356
Prep Batch: N/A
Units: ug/Kg

Instrument ID: GC/MS Volatiles - L
Lab File ID: lq596.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Acetone	50	U	3.0	50
Acetonitrile	200	U	28	200
Acrolein	100	U	11	100
Bromobenzene	5.0	U	0.93	5.0
Acrylonitrile	100	U	16	100
Bromochloromethane	5.0	U	0.95	5.0
Benzene	5.0	U	0.86	5.0
Dichlorobromomethane	5.0	U	1.0	5.0
Bromoform	5.0	U	2.2	5.0
Methyl bromide	5.0	U	1.3	5.0
Methyl Ethyl Ketone	25	U	4.0	25
n-Butylbenzene	5.0	U	0.99	5.0
Carbon disulfide	5.0	U	1.0	5.0
sec-Butylbenzene	5.0	U	1.1	5.0
Carbon tetrachloride	5.0	U	0.89	5.0
tert-Butylbenzene	5.0	U	1.2	5.0
Chlorobenzene	5.0	U	0.69	5.0
Chloroethane	5.0	U	1.5	5.0
Chloroform	5.0	U	0.88	5.0
Methyl chloride	5.0	U	0.70	5.0
Allyl chloride	5.0	U	1.2	5.0
Chlorodibromomethane	5.0	U	1.1	5.0
1,2-Dibromo-3-Chloropropane	10	U	4.6	10
1,2-Dibromoethane	5.0	U	1.4	5.0
2-Chlorotoluene	5.0	U	1.4	5.0
Methylene bromide	5.0	U	1.3	5.0
4-Chlorotoluene	5.0	U	0.78	5.0
trans-1,4-Dichloro-2-butene	10	U	4.0	10
Dichlorodifluoromethane	5.0	U	2.5	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	1.2	5.0
1,1-Dichloroethylene	5.0	U	1.1	5.0
o-Dichlorobenzene	5.0	U	1.8	5.0
trans-1,2-Dichloroethylene	5.0	U	1.1	5.0
1,2-Dichloropropane	5.0	U	1.3	5.0
m-Dichlorobenzene	5.0	U	1.1	5.0
cis-1,3-Dichloropropene	5.0	U	0.91	5.0
p-Dichlorobenzene	5.0	U	1.4	5.0
trans-1,3-Dichloropropene	5.0	U	1.1	5.0
Ethylbenzene	5.0	U	0.87	5.0
Ethyl methacrylate	5.0	U	0.77	5.0

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Bhate Engineering

Job Number: 680-21081-1
Sdg Number: HOLL011

Method Blank - Batch: 680-57356

Method: 8260B
Preparation: N/A

Lab Sample ID: MB 680-57356/6
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/13/2006 1401
Date Prepared: N/A

Analysis Batch: 680-57356
Prep Batch: N/A
Units: ug/Kg

Instrument ID: GC/MS Volatiles - L
Lab File ID: lq596.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
2-Hexanone	25	U	5.4	25
cis-Dichloroethylene	5.0	U	0.88	5.0
Methyl iodide	5.0	U	1.0	5.0
Methacrylonitrile	100	U	16	100
Methylene Chloride	5.0	U	1.6	5.0
Methyl methacrylate	5.0	U	1.7	5.0
1,3-Dichloropropane	5.0	U	1.2	5.0
4-Methyl-2-pentanone (MIBK)	25	U	5.8	25
2,2-Dichloropropane	5.0	U	1.2	5.0
Pentachloroethane	25	U	4.6	25
1,1-Dichloropropene	5.0	U	1.4	5.0
Propionitrile	100	U	23	100
Styrene	5.0	U	0.85	5.0
1,1,1,2-Tetrachloroethane	5.0	U	1.4	5.0
1,1,2,2-Tetrachloroethane	5.0	U	1.0	5.0
Tetrachloroethylene	5.0	U	1.0	5.0
Hexachlorobutadiene	5.0	U	1.6	5.0
Toluene	5.0	U	1.0	5.0
1,1,1-Trichloroethane	5.0	U	0.85	5.0
1,1,2-Trichloroethane	5.0	U	1.2	5.0
Trichloroethylene	5.0	U	1.2	5.0
Isopropylbenzene	5.0	U	0.99	5.0
Trichlorofluoromethane	5.0	U	1.4	5.0
1,2,3-Trichloropropane	5.0	U	2.7	5.0
p-Isopropyltoluene	5.0	U	1.2	5.0
Vinyl acetate	10	U	1.9	10
Vinyl chloride	5.0	U	0.92	5.0
Methyl tert-butyl ether	50	U	1.8	50
Naphthalene	5.0	U	3.4	5.0
N-Propylbenzene	5.0	U	1.2	5.0
1,2,3-Trichlorobenzene	5.0	U	1.0	5.0
1,2,4-Trichlorobenzene	5.0	U	2.2	5.0
Freon 113	5.0	U	1.0	5.0
1,2,4-Trimethylbenzene	5.0	U	1.0	5.0
1,3,5-Trimethylbenzene	5.0	U	1.3	5.0
o-Xylene	5.0	U	1.4	5.0
m-Xylene & p-Xylene	10	U	2.0	10
1-Chlorohexane	5.0	U	0.78	5.0
Hexane	5.0	U	2.3	5.0

Surrogate	% Rec	Acceptance Limits

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Bhate Engineering

Job Number: 680-21081-1
Sdg Number: HOLL011

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	100	68 - 121
Dibromofluoromethane	104	66 - 127
Toluene-d8 (Surr)	99	65 - 128

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Bhate Engineering

Job Number: 680-21081-1
Sdg Number: HOLL011

Lab Control Spike - Batch: 680-57356

Method: 8260B
Preparation: N/A

Lab Sample ID: LCS 680-57356/4
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/13/2006 1300
Date Prepared: N/A

Analysis Batch: 680-57356
Prep Batch: N/A
Units: ug/Kg

Instrument ID: GC/MS Volatiles - L
Lab File ID: lq594.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	100	97.8	98	28 - 143	
Bromobenzene	50.0	47.3	95	77 - 147	
Bromochloromethane	50.0	47.5	95	63 - 136	
Benzene	50.0	45.9	92	79 - 118	
Dichlorobromomethane	50.0	45.6	91	74 - 128	
Bromoform	50.0	50.9	102	62 - 137	
Methyl bromide	50.0	45.1	90	26 - 160	
Methyl Ethyl Ketone	100	95.3	95	30 - 149	
n-Butylbenzene	50.0	50.7	101	59 - 120	
Carbon disulfide	50.0	39.2	78	32 - 157	
sec-Butylbenzene	50.0	49.5	99	60 - 128	
Carbon tetrachloride	50.0	44.3	89	62 - 140	
tert-Butylbenzene	50.0	49.4	99	62 - 140	
Chlorobenzene	50.0	49.3	99	81 - 120	
Chloroethane	50.0	50.3	101	20 - 140	
Chloroform	50.0	45.7	91	77 - 125	
Methyl chloride	50.0	52.1	104	42 - 140	
Chlorodibromomethane	50.0	52.4	105	67 - 135	
1,2-Dibromo-3-Chloropropane	50.0	50.7	101	21 - 180	
1,2-Dibromoethane	50.0	47.9	96	76 - 130	
2-Chlorotoluene	50.0	46.1	92	49 - 219	
Methylene bromide	50.0	44.1	88	71 - 134	
4-Chlorotoluene	50.0	48.6	97	45 - 218	
Dichlorodifluoromethane	50.0	44.4	89	70 - 130	
1,1-Dichloroethane	50.0	52.9	106	43 - 157	
1,2-Dichloroethane	50.0	45.2	90	65 - 133	
1,1-Dichloroethylene	50.0	40.7	81	52 - 143	
o-Dichlorobenzene	50.0	48.1	96	81 - 122	
trans-1,2-Dichloroethylene	50.0	42.3	85	35 - 154	
1,2-Dichloropropane	50.0	45.0	90	77 - 118	
m-Dichlorobenzene	50.0	46.7	93	84 - 120	
cis-1,3-Dichloropropene	50.0	46.7	93	71 - 123	
p-Dichlorobenzene	50.0	48.1	96	67 - 133	
trans-1,3-Dichloropropene	50.0	47.2	94	75 - 126	
Ethylbenzene	50.0	48.8	98	82 - 118	
2-Hexanone	100	107	107	30 - 148	
cis-Dichloroethylene	50.0	45.4	91	69 - 131	
Methylene Chloride	50.0	44.4	89	54 - 150	
1,3-Dichloropropane	50.0	48.3	97	73 - 146	
4-Methyl-2-pentanone (MIBK)	100	94.9	95	29 - 150	
2,2-Dichloropropane	50.0	45.8	92	28 - 187	
1,1-Dichloropropene	50.0	44.1	88	76 - 126	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Bhate Engineering

Job Number: 680-21081-1
Sdg Number: HOLL011

Lab Control Spike - Batch: 680-57356

Method: 8260B
Preparation: N/A

Lab Sample ID: LCS 680-57356/4
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/13/2006 1300
Date Prepared: N/A

Analysis Batch: 680-57356
Prep Batch: N/A
Units: ug/Kg

Instrument ID: GC/MS Volatiles - L
Lab File ID: lq594.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Styrene	50.0	47.2	94	80 - 118	
1,1,1,2-Tetrachloroethane	50.0	50.8	102	70 - 130	
1,1,2,2-Tetrachloroethane	50.0	47.5	95	64 - 130	
Tetrachloroethylene	50.0	49.6	99	79 - 132	
Hexachlorobutadiene	50.0	51.0	102	29 - 135	
Toluene	50.0	48.2	96	80 - 118	
1,1,1-Trichloroethane	50.0	43.0	86	58 - 139	
1,1,2-Trichloroethane	50.0	47.1	94	76 - 120	
Trichloroethylene	50.0	43.6	87	80 - 122	
Isopropylbenzene	50.0	48.9	98	75 - 134	
Trichlorofluoromethane	50.0	47.6	95	38 - 146	
1,2,3-Trichloropropane	50.0	47.7	95	33 - 210	
p-Isopropyltoluene	50.0	49.4	99	39 - 141	
Vinyl acetate	100	129	129	1 - 184	
Vinyl chloride	50.0	47.8	96	34 - 154	
Methyl tert-butyl ether	100	93.2	93	37 - 168	
Naphthalene	50.0	48.5	97	42 - 250	
N-Propylbenzene	50.0	48.9	98	67 - 134	
1,2,3-Trichlorobenzene	50.0	47.3	95	29 - 169	
1,2,4-Trichlorobenzene	50.0	47.5	95	49 - 152	
Freon 113	50.0	41.5	83	70 - 130	
1,2,4-Trimethylbenzene	50.0	51.1	102	74 - 133	
1,3,5-Trimethylbenzene	50.0	49.1	98	72 - 124	
o-Xylene	50.0	47.1	94	74 - 122	
m-Xylene & p-Xylene	100	97.5	97	74 - 121	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	96	68 - 121
Dibromofluoromethane	95	66 - 127
Toluene-d8 (Surr)	95	65 - 128

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Bhate Engineering

Job Number: 680-21081-1
Sdg Number: HOLL011

Method Blank - Batch: 680-57457

Method: 8260B
Preparation: N/A

Lab Sample ID: MB 680-57457/4
Client Matrix: Solid
Dilution: 40
Date Analyzed: 10/13/2006 1421
Date Prepared: N/A

Analysis Batch: 680-57457
Prep Batch: N/A
Units: ug/Kg

Instrument ID: GC/MS Volatiles - L
Lab File ID: lq597.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Acetone	2000	U	120	2000
Acetonitrile	8000	U	1100	8000
Acrolein	4000	U	440	4000
Bromobenzene	200	U	37	200
Acrylonitrile	4000	U	630	4000
Bromochloromethane	200	U	38	200
Benzene	200	U	34	200
Dichlorobromomethane	200	U	40	200
Bromoform	200	U	88	200
Methyl bromide	200	U	52	200
Methyl Ethyl Ketone	1000	U	160	1000
n-Butylbenzene	200	U	40	200
Carbon disulfide	200	U	40	200
sec-Butylbenzene	200	U	44	200
Carbon tetrachloride	200	U	36	200
tert-Butylbenzene	200	U	48	200
Chlorobenzene	200	U	28	200
Chloroethane	200	U	60	200
Chloroform	200	U	35	200
Methyl chloride	200	U	28	200
Allyl chloride	200	U	48	200
Chlorodibromomethane	200	U	44	200
1,2-Dibromo-3-Chloropropane	400	U	180	400
1,2-Dibromoethane	200	U	56	200
2-Chlorotoluene	200	U	56	200
Methylene bromide	200	U	52	200
4-Chlorotoluene	200	U	31	200
trans-1,4-Dichloro-2-butene	400	U	160	400
Dichlorodifluoromethane	200	U	100	200
1,1-Dichloroethane	200	U	40	200
1,2-Dichloroethane	200	U	48	200
1,1-Dichloroethylene	200	U	44	200
o-Dichlorobenzene	200	U	72	200
trans-1,2-Dichloroethylene	200	U	44	200
1,2-Dichloropropane	200	U	52	200
m-Dichlorobenzene	200	U	44	200
cis-1,3-Dichloropropene	200	U	36	200
p-Dichlorobenzene	200	U	56	200
trans-1,3-Dichloropropene	200	U	44	200
Ethylbenzene	200	U	35	200
Ethyl methacrylate	200	U	31	200

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Bhate Engineering

Job Number: 680-21081-1
Sdg Number: HOLL011

Method Blank - Batch: 680-57457

Method: 8260B
Preparation: N/A

Lab Sample ID: MB 680-57457/4
Client Matrix: Solid
Dilution: 40
Date Analyzed: 10/13/2006 1421
Date Prepared: N/A

Analysis Batch: 680-57457
Prep Batch: N/A
Units: ug/Kg

Instrument ID: GC/MS Volatiles - L
Lab File ID: lq597.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
2-Hexanone	1000	U	220	1000
cis-Dichloroethylene	200	U	35	200
Methyl iodide	200	U	40	200
Methacrylonitrile	4000	U	640	4000
Methylene Chloride	200	U	64	200
Methyl methacrylate	200	U	66	200
1,3-Dichloropropane	200	U	48	200
4-Methyl-2-pentanone (MIBK)	1000	U	230	1000
2,2-Dichloropropane	200	U	48	200
Pentachloroethane	1000	U	180	1000
1,1-Dichloropropene	200	U	56	200
Propionitrile	4000	U	920	4000
Styrene	200	U	34	200
1,1,1,2-Tetrachloroethane	200	U	56	200
1,1,2,2-Tetrachloroethane	200	U	40	200
Tetrachloroethylene	200	U	40	200
Hexachlorobutadiene	200	U	64	200
Toluene	200	U	40	200
1,1,1-Trichloroethane	200	U	34	200
1,1,2-Trichloroethane	200	U	48	200
Trichloroethylene	200	U	48	200
Isopropylbenzene	200	U	40	200
Trichlorofluoromethane	200	U	56	200
1,2,3-Trichloropropane	200	U	110	200
p-Isopropyltoluene	200	U	48	200
Vinyl acetate	400	U	76	400
Vinyl chloride	200	U	37	200
Methyl tert-butyl ether	2000	U	72	2000
Naphthalene	200	U	140	200
N-Propylbenzene	200	U	48	200
1,2,3-Trichlorobenzene	200	U	40	200
1,2,4-Trichlorobenzene	200	U	88	200
Freon 113	200	U	40	200
1,2,4-Trimethylbenzene	200	U	40	200
1,3,5-Trimethylbenzene	200	U	52	200
o-Xylene	200	U	56	200
m-Xylene & p-Xylene	400	U	80	400
1-Chlorohexane	200	U	31	200
Hexane	200	U	92	200

Surrogate	% Rec	Acceptance Limits

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Bhate Engineering

Job Number: 680-21081-1
Sdg Number: HOLL011

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	95	68 - 121
Dibromofluoromethane	98	66 - 127
Toluene-d8 (Surr)	104	65 - 128

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Bhate Engineering

Job Number: 680-21081-1
Sdg Number: HOLL011

Lab Control Spike - Batch: 680-57457

Method: 8260B
Preparation: N/A

Lab Sample ID: LCS 680-57457/3
Client Matrix: Solid
Dilution: 40
Date Analyzed: 10/13/2006 1321
Date Prepared: N/A

Analysis Batch: 680-57457
Prep Batch: N/A
Units: ug/Kg

Instrument ID: GC/MS Volatiles - L
Lab File ID: lq595.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	5000	4610	92	28 - 143	
Bromobenzene	2500	2570	103	77 - 147	
Bromochloromethane	2500	2370	95	63 - 136	
Benzene	2500	2400	96	79 - 118	
Dichlorobromomethane	2500	2630	105	74 - 128	
Bromoform	2500	2380	95	62 - 137	
Methyl bromide	2500	2260	90	26 - 160	
Methyl Ethyl Ketone	5000	4230	85	30 - 149	
n-Butylbenzene	2500	2900	116	59 - 120	
Carbon disulfide	2500	1910	76	32 - 157	
sec-Butylbenzene	2500	2780	111	60 - 128	
Carbon tetrachloride	2500	2670	107	62 - 140	
tert-Butylbenzene	2500	2720	109	62 - 140	
Chlorobenzene	2500	2580	103	81 - 120	
Chloroethane	2500	2280	91	20 - 140	
Chloroform	2500	2420	97	77 - 125	
Methyl chloride	2500	2270	91	42 - 140	
Chlorodibromomethane	2500	2530	101	67 - 135	
1,2-Dibromo-3-Chloropropane	2500	2510	100	21 - 180	
1,2-Dibromoethane	2500	2260	90	76 - 130	
2-Chlorotoluene	2500	2620	105	49 - 219	
Methylene bromide	2500	2430	97	71 - 134	
4-Chlorotoluene	2500	2790	112	45 - 218	
Dichlorodifluoromethane	2500	1780	71	70 - 130	
1,1-Dichloroethane	2500	2380	95	43 - 157	
1,2-Dichloroethane	2500	2640	106	65 - 133	
1,1-Dichloroethylene	2500	2100	84	52 - 143	
o-Dichlorobenzene	2500	2670	107	81 - 122	
trans-1,2-Dichloroethylene	2500	2240	90	35 - 154	
1,2-Dichloropropane	2500	2510	101	77 - 118	
m-Dichlorobenzene	2500	2680	107	84 - 120	
cis-1,3-Dichloropropene	2500	2490	100	71 - 123	
p-Dichlorobenzene	2500	2700	108	67 - 133	
trans-1,3-Dichloropropene	2500	2460	98	75 - 126	
Ethylbenzene	2500	2680	107	82 - 118	
2-Hexanone	5000	4720	94	30 - 148	
cis-Dichloroethylene	2500	2370	95	69 - 131	
Methylene Chloride	2500	2360	94	54 - 150	
1,3-Dichloropropane	2500	2380	95	73 - 146	
4-Methyl-2-pentanone (MIBK)	5000	4490	90	29 - 150	
2,2-Dichloropropane	2500	2430	97	28 - 187	
1,1-Dichloropropene	2500	2450	98	76 - 126	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Bhate Engineering

Job Number: 680-21081-1
Sdg Number: HOLL011

Lab Control Spike - Batch: 680-57457

Method: 8260B
Preparation: N/A

Lab Sample ID: LCS 680-57457/3
Client Matrix: Solid
Dilution: 40
Date Analyzed: 10/13/2006 1321
Date Prepared: N/A

Analysis Batch: 680-57457
Prep Batch: N/A
Units: ug/Kg

Instrument ID: GC/MS Volatiles - L
Lab File ID: lq595.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Styrene	2500	2660	106	80 - 118	
1,1,1,2-Tetrachloroethane	2500	2560	103	70 - 130	
1,1,2,2-Tetrachloroethane	2500	2310	92	64 - 130	
Tetrachloroethylene	2500	2690	108	79 - 132	
Hexachlorobutadiene	2500	2990	120	29 - 135	
Toluene	2500	2610	104	80 - 118	
1,1,1-Trichloroethane	2500	2580	103	58 - 139	
1,1,2-Trichloroethane	2500	2320	93	76 - 120	
Trichloroethylene	2500	2610	104	80 - 122	
Isopropylbenzene	2500	2690	108	75 - 134	
Trichlorofluoromethane	2500	765	31	38 - 146	*
1,2,3-Trichloropropane	2500	2300	92	33 - 210	
p-Isopropyltoluene	2500	2870	115	39 - 141	
Vinyl acetate	5000	6120	122	1 - 184	
Vinyl chloride	2500	2600	104	34 - 154	
Methyl tert-butyl ether	5000	4860	97	37 - 168	
Naphthalene	2500	2520	101	42 - 250	
N-Propylbenzene	2500	2760	111	67 - 134	
1,2,3-Trichlorobenzene	2500	2800	112	29 - 169	
1,2,4-Trichlorobenzene	2500	2860	114	49 - 152	
Freon 113	2500	2140	86	70 - 130	
1,2,4-Trimethylbenzene	2500	2850	114	74 - 133	
1,3,5-Trimethylbenzene	2500	2890	116	72 - 124	
o-Xylene	2500	2720	109	74 - 122	
m-Xylene & p-Xylene	5000	5460	109	74 - 121	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	103	68 - 121
Dibromofluoromethane	102	66 - 127
Toluene-d8 (Surr)	111	65 - 128

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Bhate Engineering

Job Number: 680-21081-1
Sdg Number: HOLL011

Method Blank - Batch: 680-57554

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-57554/7
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/16/2006 2250
Date Prepared: 10/16/2006 2250

Analysis Batch: 680-57554
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O
Lab File ID: oq567.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Acetone	25	U	7.3	25
Acetonitrile	40	U	0.23	40
Acrolein	20	U	12	20
Bromobenzene	1.0	U	0.45	1.0
Acrylonitrile	20	U	3.2	20
Bromochloromethane	1.0	U	0.25	1.0
Benzene	1.0	U	0.54	1.0
Dichlorobromomethane	1.0	U	0.42	1.0
Bromoform	1.0	U	0.36	1.0
Methyl bromide	1.0	U	0.93	1.0
Methyl Ethyl Ketone	10	U	0.72	10
n-Butylbenzene	1.0	U	0.38	1.0
Carbon disulfide	2.0	U	0.75	2.0
sec-Butylbenzene	1.0	U	0.60	1.0
Carbon tetrachloride	1.0	U	0.91	1.0
tert-Butylbenzene	1.0	U	0.63	1.0
Chlorobenzene	1.0	U	0.41	1.0
Chloroethane	1.0	U	0.89	1.0
Chloroform	1.0	U	0.52	1.0
Methyl chloride	1.0	U	0.53	1.0
Allyl chloride	1.0	U	0.35	1.0
Dibromochloromethane	1.0	U	0.40	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.65	1.0
1,2-Dibromoethane	1.0	U	0.34	1.0
Methylene bromide	1.0	U	0.33	1.0
o-Chlorotoluene	1.0	U	0.58	1.0
p-Chlorotoluene	1.0	U	0.44	1.0
trans-1,4-Dichloro-2-butene	2.0	U	0.80	2.0
Dichlorodifluoromethane	1.0	U	0.73	1.0
1,1-Dichloroethane	1.0	U	0.56	1.0
1,2-Dichloroethane	1.0	U	0.28	1.0
1,1-Dichlorethylene	1.0	U	0.93	1.0
o-Dichlorobenzene	1.0	U	0.21	1.0
trans-1-2-Dichloroethylene	1.0	U	0.80	1.0
1,2-Dichloropropane	1.0	U	0.26	1.0
m-Dichlorobenzene	1.0	U	0.28	1.0
cis-1,3-Dichloropropene	1.0	U	0.41	1.0
p-Dichlorobenzene	1.0	U	0.44	1.0
trans-1,3-Dichloropropene	1.0	U	0.36	1.0
Ethylbenzene	1.0	U	0.62	1.0
Ethyl methacrylate	1.0	U	0.33	1.0

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Bhate Engineering

Job Number: 680-21081-1
Sdg Number: HOLL011

Method Blank - Batch: 680-57554

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-57554/7
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/16/2006 2250
Date Prepared: 10/16/2006 2250

Analysis Batch: 680-57554
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O
Lab File ID: oq567.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
2-Hexanone	10	U	0.39	10
cis-1,2-Dichloroethylene	1.0	U	0.55	1.0
Methyl iodide	5.0	U	0.96	5.0
Methacrylonitrile	20	U	9.1	20
Methylene Chloride	5.0	U	0.44	5.0
Methyl methacrylate	1.0	U	0.36	1.0
1,3-Dichloropropane	1.0	U	0.31	1.0
4-Methyl-2-pentanone	10	U	0.45	10
2,2-Dichloropropane	1.0	U	0.86	1.0
Pentachloroethane	5.0	U	1.0	5.0
1,1-Dichloropropene	1.0	U	0.80	1.0
Propionitrile	20	U	10	20
Styrene	1.0	U	0.42	1.0
1,1,1,2-Tetrachloroethane	1.0	U	0.53	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.21	1.0
Tetrachloroethylene	1.0	U	0.75	1.0
Hexachlorobutadiene	1.0	U	0.50	1.0
Toluene	1.0	U	0.62	1.0
1,1,1-Trichloroethane	1.0	U	0.79	1.0
1,1,2-Trichloroethane	1.0	U	0.37	1.0
Trichloroethylene	1.0	U	0.71	1.0
Isopropylbenzene	1.0	U	0.66	1.0
Trichlorofluoromethane	1.0	U	0.96	1.0
1,2,3-Trichloropropane	1.0	U	0.44	1.0
p-Isopropyltoluene	1.0	U	0.52	1.0
Vinyl acetate	2.0	U	0.70	2.0
Vinyl chloride	1.0	U	0.92	1.0
Methyl tert-butyl ether	10	U	0.45	10
Naphthalene	5.0	U	0.12	5.0
N-Propylbenzene	1.0	U	0.45	1.0
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2,4-Trichlorobenzene	1.0	U	0.28	1.0
Freon 113	1.0	U	0.10	1.0
1,2,4-Trimethylbenzene	1.0	U	0.44	1.0
1,3,5-Trimethylbenzene	1.0	U	0.49	1.0
o-Xylene	1.0	U	0.49	1.0
m-Xylene & p-Xylene	2.0	U	1.3	2.0
1-Chlorohexane	1.0	U	0.42	1.0
Hexane	5.0	U	5.0	5.0

Surrogate	% Rec	Acceptance Limits

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Bhate Engineering

Job Number: 680-21081-1
Sdg Number: HOLL011

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	97	77 - 120
Dibromofluoromethane	99	75 - 123
Toluene-d8 (Surr)	102	79 - 122

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Bhate Engineering

Job Number: 680-21081-1
Sdg Number: HOLL011

Lab Control Spike - Batch: 680-57554

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 680-57554/6
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/16/2006 2107
Date Prepared: 10/16/2006 2107

Analysis Batch: 680-57554
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O
Lab File ID: oq565.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	100	79.1	79	20 - 183	
Bromobenzene	50.0	48.8	98	55 - 131	
Bromochloromethane	50.0	46.8	94	50 - 154	
Benzene	50.0	48.1	96	74 - 122	
Dichlorobromomethane	50.0	53.1	106	74 - 128	
Bromoform	50.0	53.6	107	64 - 132	
Methyl bromide	50.0	31.7	63	21 - 176	
Methyl Ethyl Ketone	100	89.0	89	51 - 142	
n-Butylbenzene	50.0	52.5	105	47 - 130	
Carbon disulfide	50.0	36.5	73	60 - 130	
sec-Butylbenzene	50.0	49.9	100	53 - 125	
Carbon tetrachloride	50.0	53.4	107	64 - 137	
tert-Butylbenzene	50.0	48.8	98	51 - 134	
Chlorobenzene	50.0	47.2	94	75 - 123	
Chloroethane	50.0	32.0	64	40 - 171	
Chloroform	50.0	47.3	95	74 - 124	
Methyl chloride	50.0	37.9	76	51 - 133	
Dibromochloromethane	50.0	52.0	104	75 - 126	
1,2-Dibromo-3-Chloropropane	50.0	43.5	87	14 - 147	
1,2-Dibromoethane	50.0	50.6	101	60 - 118	
Methylene bromide	50.0	49.2	98	70 - 130	
o-Chlorotoluene	50.0	48.3	97	53 - 133	
p-Chlorotoluene	50.0	47.5	95	47 - 132	
Dichlorodifluoromethane	50.0	26.2	52	70 - 130	*
1,1-Dichloroethane	50.0	44.3	89	70 - 127	
1,2-Dichloroethane	50.0	52.8	106	68 - 130	
1,1-Dichlorethylene	50.0	46.6	93	64 - 132	
o-Dichlorobenzene	50.0	50.5	101	71 - 125	
trans-1-2-Dichloroethylene	50.0	44.6	89	67 - 130	
1,2-Dichloropropane	50.0	48.6	97	74 - 123	
m-Dichlorobenzene	50.0	49.6	99	70 - 125	
cis-1,3-Dichloropropene	50.0	51.8	104	76 - 126	
p-Dichlorobenzene	50.0	48.0	96	65 - 127	
trans-1,3-Dichloropropene	50.0	53.5	107	75 - 126	
Ethylbenzene	50.0	48.3	97	77 - 123	
2-Hexanone	100	95.9	96	58 - 139	
cis-1,2-Dichloroethylene	50.0	43.5	87	69 - 126	
Methylene Chloride	50.0	44.4	89	67 - 128	
1,3-Dichloropropane	50.0	49.5	99	60 - 125	
4-Methyl-2-pentanone	100	100	100	62 - 130	
2,2-Dichloropropane	50.0	48.9	98	42 - 155	
1,1-Dichloropropene	50.0	50.6	101	70 - 130	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Bhate Engineering

Job Number: 680-21081-1
Sdg Number: HOLL011

Lab Control Spike - Batch: 680-57554

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 680-57554/6
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/16/2006 2107
Date Prepared: 10/16/2006 2107

Analysis Batch: 680-57554
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O
Lab File ID: oq565.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Styrene	50.0	46.2	92	75 - 125	
1,1,1,2-Tetrachloroethane	50.0	50.9	102	62 - 107	
1,1,2,2-Tetrachloroethane	50.0	47.0	94	71 - 127	
Tetrachloroethylene	50.0	47.8	96	70 - 133	
Hexachlorobutadiene	50.0	54.5	109	58 - 133	
Toluene	50.0	47.1	94	75 - 122	
1,1,1-Trichloroethane	50.0	51.2	102	70 - 132	
1,1,2-Trichloroethane	50.0	48.4	97	75 - 122	
Trichloroethylene	50.0	46.5	93	75 - 122	
Isopropylbenzene	50.0	48.7	97	62 - 122	
Trichlorofluoromethane	50.0	48.3	97	74 - 165	
1,2,3-Trichloropropane	50.0	52.3	105	60 - 147	
p-Isopropyltoluene	50.0	50.9	102	58 - 123	
Vinyl acetate	100	105	105	47 - 150	
Vinyl chloride	50.0	41.7	83	59 - 136	
Methyl tert-butyl ether	100	93.4	93	70 - 130	
Naphthalene	50.0	41.9	84	58 - 143	
N-Propylbenzene	50.0	49.2	98	53 - 125	
1,2,3-Trichlorobenzene	50.0	45.2	90	38 - 130	
1,2,4-Trichlorobenzene	50.0	47.4	95	48 - 131	
Freon 113	50.0	46.8	94	70 - 130	
1,2,4-Trimethylbenzene	50.0	50.1	100	53 - 142	
1,3,5-Trimethylbenzene	50.0	49.6	99	50 - 127	
o-Xylene	50.0	47.1	94	76 - 122	
m-Xylene & p-Xylene	100	93.9	94	74 - 123	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	96	77 - 120
Dibromofluoromethane	95	75 - 123
Toluene-d8 (Surr)	98	79 - 122

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Bhate Engineering

Job Number: 680-21081-1
Sdg Number: HOLL011

Method Blank - Batch: 680-57330

Method: 8270C
Preparation: 3550B

Lab Sample ID: MB 680-57330/5-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/13/2006 1504
Date Prepared: 10/13/2006 0947

Analysis Batch: 680-57370
Prep Batch: 680-57330
Units: ug/Kg

Instrument ID: GC/MS SemiVolatiles - E
Lab File ID: e4007.d
Initial Weight/Volume: 30.01 g
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	Result	Qual	MDL	RL
Acenaphthene	330	U	19	330
Acenaphthylene	330	U	17	330
Anthracene	330	U	23	330
Benzidine	2700	U	83	2700
Benzo[a]anthracene	330	U	31	330
Benzo[a]pyrene	330	U	19	330
Benzo[b]fluoranthene	330	U	26	330
Benzo[g,h,i]perylene	330	U	23	330
Benzoic acid	1700	U	170	1700
Benzo[k]fluoranthene	330	U	36	330
Benzyl alcohol	330	U	38	330
Bis(2-chloroethoxy)methane	330	U	24	330
Bis(2-chloroethyl)ether	330	U	28	330
bis(chloroisopropyl) ether	330	U	35	330
Bis(2-ethylhexyl) phthalate	330	U	38	330
4-Bromophenyl phenyl ether	330	U	31	330
Butyl benzyl phthalate	330	U	27	330
4-Chloroaniline	660	U	26	660
4-Chloro-3-methylphenol	330	U	34	330
2-Chloronaphthalene	330	U	24	330
2-Chlorophenol	330	U	27	330
4-Chlorophenyl phenyl ether	330	U	19	330
Chrysene	330	U	25	330
Dibenz(a,h)anthracene	330	U	24	330
Dibenzofuran	330	U	19	330
1,2-Dichlorobenzene	330	U	23	330
1,3-Dichlorobenzene	330	U	26	330
1,4-Dichlorobenzene	330	U	22	330
3,3'-Dichlorobenzidine	660	U	30	660
2,4-Dichlorophenol	330	U	23	330
Diethyl phthalate	330	U	22	330
2,4-Dimethylphenol	330	U	35	330
Dimethyl phthalate	330	U	19	330
Di-n-butyl phthalate	330	U	28	330
4,6-Dinitro-o-cresol	1700	U	200	1700
2,4-Dinitrophenol	1700	U	170	1700
2,4-Dinitrotoluene	330	U	19	330
2,6-Dinitrotoluene	330	U	33	330
Di-n-octyl phthalate	330	U	31	330
Fluoranthene	330	U	26	330
Fluorene	330	U	22	330

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Bhate Engineering

Job Number: 680-21081-1
Sdg Number: HOLL011

Method Blank - Batch: 680-57330

Method: 8270C
Preparation: 3550B

Lab Sample ID: MB 680-57330/5-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/13/2006 1504
Date Prepared: 10/13/2006 0947

Analysis Batch: 680-57370
Prep Batch: 680-57330
Units: ug/Kg

Instrument ID: GC/MS SemiVolatiles - E
Lab File ID: e4007.d
Initial Weight/Volume: 30.01 g
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	Result	Qual	MDL	RL
Hexachlorobenzene	330	U	26	330
Hexachlorobutadiene	330	U	20	330
Hexachlorocyclopentadiene	330	U	83	330
Hexachloroethane	330	U	20	330
Indeno[1,2,3-cd]pyrene	330	U	26	330
Isophorone	330	U	22	330
2-Methylnaphthalene	330	U	24	330
2-Methylphenol	330	U	30	330
3 & 4 Methylphenol	330	U	29	330
Naphthalene	330	U	19	330
2-Nitroaniline	1700	U	23	1700
3-Nitroaniline	1700	U	33	1700
4-Nitroaniline	1700	U	17	1700
Nitrobenzene	330	U	35	330
2-Nitrophenol	330	U	20	330
4-Nitrophenol	1700	U	210	1700
N-Nitrosodi-n-propylamine	330	U	28	330
N-Nitrosodiphenylamine	330	U	23	330
Pentachlorophenol	1700	U	83	1700
Phenanthrene	330	U	29	330
Phenol	330	U	30	330
Pyrene	330	U	20	330
1,2,4-Trichlorobenzene	330	U	21	330
2,4,5-Trichlorophenol	330	U	32	330
2,4,6-Trichlorophenol	330	U	20	330

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl	78	38 - 104
2-Fluorophenol	80	36 - 101
Nitrobenzene-d5	71	33 - 94
Phenol-d5	73	38 - 102
Terphenyl-d14	72	40 - 129
2,4,6-Tribromophenol	47	27 - 124

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Bhate Engineering

Job Number: 680-21081-1
Sdg Number: HOLL011

Lab Control Spike - Batch: 680-57330

Method: 8270C
Preparation: 3550B

Lab Sample ID: LCS 680-57330/6-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/13/2006 1427
Date Prepared: 10/13/2006 0947

Analysis Batch: 680-57370
Prep Batch: 680-57330
Units: ug/Kg

Instrument ID: GC/MS SemiVolatiles - E
Lab File ID: e4005.d
Initial Weight/Volume: 30.01 g
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	3330	2460	74	36 - 108	
Acenaphthylene	3330	2670	80	41 - 112	
Anthracene	3330	2530	76	46 - 115	
Benzidine	3330	859	26	1 - 95	J
Benzo[a]anthracene	3330	2700	81	46 - 116	
Benzo[a]pyrene	3330	3240	97	37 - 120	
Benzo[b]fluoranthene	3330	3100	93	35 - 122	
Benzo[g,h,i]perylene	3330	2940	88	41 - 122	
Benzoic acid	3330	260	8	10 - 94	J *
Benzo[k]fluoranthene	3330	3050	91	36 - 124	
Benzyl alcohol	3330	2610	78	30 - 98	
Bis(2-chloroethoxy)methane	3330	2930	88	38 - 106	
Bis(2-chloroethyl)ether	3330	2400	72	30 - 98	
bis(chloroisopropyl) ether	3330	2850	85	16 - 116	
Bis(2-ethylhexyl) phthalate	3330	2800	84	25 - 134	
4-Bromophenyl phenyl ether	3330	2300	69	38 - 106	
Butyl benzyl phthalate	3330	2700	81	43 - 127	
4-Chloroaniline	3330	2360	71	7 - 103	
4-Chloro-3-methylphenol	3330	3170	95	39 - 113	
2-Chloronaphthalene	3330	2520	76	41 - 110	
2-Chlorophenol	3330	2530	76	36 - 99	
4-Chlorophenyl phenyl ether	3330	2680	81	42 - 111	
Chrysene	3330	2710	81	46 - 118	
Dibenz(a,h)anthracene	3330	2950	89	41 - 124	
Dibenzofuran	3330	2620	79	44 - 108	
1,2-Dichlorobenzene	3330	2230	67	35 - 93	
1,3-Dichlorobenzene	3330	2010	60	34 - 90	
1,4-Dichlorobenzene	3330	2050	61	32 - 90	
3,3'-Dichlorobenzidine	3330	2410	72	1 - 118	
2,4-Dichlorophenol	3330	2670	80	43 - 108	
Diethyl phthalate	3330	2960	89	41 - 118	
2,4-Dimethylphenol	3330	2560	77	40 - 112	
Dimethyl phthalate	3330	2860	86	43 - 114	
Di-n-butyl phthalate	3330	2650	80	35 - 93	
4,6-Dinitro-o-cresol	3330	1100	33	11 - 142	J
2,4-Dinitrophenol	3330	54.1	2	1 - 131	U
2,4-Dinitrotoluene	3330	2780	83	32 - 128	
2,6-Dinitrotoluene	3330	2770	83	38 - 128	
Di-n-octyl phthalate	3330	2850	85	43 - 129	
Fluoranthene	3330	2810	84	41 - 124	
Fluorene	3330	2740	82	37 - 113	
Hexachlorobenzene	3330	2710	81	46 - 115	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Bhate Engineering

Job Number: 680-21081-1
Sdg Number: HOLL011

Lab Control Spike - Batch: 680-57330

Method: 8270C
Preparation: 3550B

Lab Sample ID: LCS 680-57330/6-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/13/2006 1427
Date Prepared: 10/13/2006 0947

Analysis Batch: 680-57370
Prep Batch: 680-57330
Units: ug/Kg

Instrument ID: GC/MS SemiVolatiles - E
Lab File ID: e4005.d
Initial Weight/Volume: 30.01 g
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Hexachlorobutadiene	3330	2580	77	42 - 105	
Hexachlorocyclopentadiene	3330	1590	48	20 - 109	
Hexachloroethane	3330	2110	63	31 - 88	
Indeno[1,2,3-cd]pyrene	3330	2580	77	36 - 133	
Isophorone	3330	2870	86	37 - 106	
2-Methylnaphthalene	3330	2550	77	39 - 104	
2-Methylphenol	3330	2660	80	38 - 107	
3 & 4 Methylphenol	3330	2820	85	37 - 106	
Naphthalene	3330	2370	71	34 - 97	
2-Nitroaniline	3330	3220	97	38 - 124	
3-Nitroaniline	3330	2640	79	19 - 118	
4-Nitroaniline	3330	2760	83	32 - 130	
Nitrobenzene	3330	2550	76	33 - 106	
2-Nitrophenol	3330	2290	69	38 - 104	
4-Nitrophenol	3330	3400	102	21 - 132	
N-Nitrosodi-n-propylamine	3330	2920	87	24 - 108	
N-Nitrosodiphenylamine	3330	2660	80	16 - 113	
Pentachlorophenol	3330	1520	46	27 - 116	J
Phenanthrene	3330	2510	75	47 - 114	
Phenol	3330	2730	82	34 - 98	
Pyrene	3330	2300	69	36 - 128	
1,2,4-Trichlorobenzene	3330	2320	70	36 - 98	
2,4,5-Trichlorophenol	3330	2990	90	46 - 116	
2,4,6-Trichlorophenol	3330	2570	77	44 - 113	

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl	84	38 - 104
2-Fluorophenol	88	36 - 101
Nitrobenzene-d5	81	33 - 94
Phenol-d5	90	38 - 102
Terphenyl-d14	77	40 - 129
2,4,6-Tribromophenol	96	27 - 124

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Bhate Engineering

Job Number: 680-21081-1
Sdg Number: HOLL011

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-57330

Method: 8270C
Preparation: 3550B

MS Lab Sample ID:	680-21081-2	Analysis Batch:	680-57418	Instrument ID:	GC/MS SemiVolatiles - G
Client Matrix:	Solid	Prep Batch:	680-57330	Lab File ID:	g6891.d
Dilution:	10			Initial Weight/Volume:	30.11 g
Date Analyzed:	10/14/2006 1530			Final Weight/Volume:	1.0 mL
Date Prepared:	10/13/2006 0947			Injection Volume:	

MSD Lab Sample ID:	680-21081-2	Analysis Batch:	680-57418	Instrument ID:	GC/MS SemiVolatiles - G
Client Matrix:	Solid	Prep Batch:	680-57330	Lab File ID:	g6892.d
Dilution:	10			Initial Weight/Volume:	30.13 g
Date Analyzed:	10/14/2006 1558			Final Weight/Volume:	1.0 mL
Date Prepared:	10/13/2006 0947			Injection Volume:	

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acenaphthene	69	50	36 - 108	32	50	J	J
Acenaphthylene	72	51	41 - 112	35	50	J	J
Anthracene	63	45	46 - 115	34	50	J	J F
Benzidine	9	0	1 - 95	NC	50	U	U F
Benzo[a]anthracene	62	45	46 - 116	31	50	J	J F
Benzo[a]pyrene	61	41	37 - 120	40	50	J	J
Benzo[b]fluoranthene	55	39	35 - 122	35	50	J	J
Benzo[g,h,i]perylene	54	41	41 - 122	29	50	J	J
Benzoic acid	0	0	10 - 94	NC	50	U F	U F
Benzo[k]fluoranthene	74	54	36 - 124	30	50	J	J
Benzyl alcohol	28	19	30 - 98	39	50	J F	J F
Bis(2-chloroethoxy)methane	68	47	38 - 106	35	50	J	J
Bis(2-chloroethyl)ether	61	41	30 - 98	41	50	J	J
bis(chloroisopropyl) ether	62	46	16 - 116	30	50	J	J
Bis(2-ethylhexyl) phthalate	41	23	25 - 134	56	50	J	J F
4-Bromophenyl phenyl ether	50	37	38 - 106	29	50	J	J F
Butyl benzyl phthalate	36	20	43 - 127	59	50	J F	J F
4-Chloroaniline	49	27	7 - 103	58	50	J	J F
4-Chloro-3-methylphenol	45	28	39 - 113	45	50	J	J F
2-Chloronaphthalene	65	47	41 - 110	31	50	J	J
2-Chlorophenol	44	33	36 - 99	29	50	J	J F
4-Chlorophenyl phenyl ether	67	49	42 - 111	32	50	J	J
Chrysene	74	56	46 - 118	27	50	J	J
Dibenz(a,h)anthracene	47	30	41 - 124	43	50	J	J F
Dibenzofuran	79	53	44 - 108	39	50	J	J
1,2-Dichlorobenzene	56	42	35 - 93	29	50	J	J
1,3-Dichlorobenzene	51	37	34 - 90	31	50	J	J
1,4-Dichlorobenzene	53	40	32 - 90	28	50	J	J
3,3'-Dichlorobenzidine	15	9	1 - 118	44	50	J	J
2,4-Dichlorophenol	67	28	43 - 108	82	50	J	J F

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Bhate Engineering

Job Number: 680-21081-1
Sdg Number: HOLL011

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-57330

Method: 8270C
Preparation: 3550B

MS Lab Sample ID:	680-21081-2	Analysis Batch:	680-57418	Instrument ID:	GC/MS SemiVolatiles - G
Client Matrix:	Solid	Prep Batch:	680-57330	Lab File ID:	g6891.d
Dilution:	10			Initial Weight/Volume:	30.11 g
Date Analyzed:	10/14/2006 1530			Final Weight/Volume:	1.0 mL
Date Prepared:	10/13/2006 0947			Injection Volume:	

MSD Lab Sample ID:	680-21081-2	Analysis Batch:	680-57418	Instrument ID:	GC/MS SemiVolatiles - G
Client Matrix:	Solid	Prep Batch:	680-57330	Lab File ID:	g6892.d
Dilution:	10			Initial Weight/Volume:	30.13 g
Date Analyzed:	10/14/2006 1558			Final Weight/Volume:	1.0 mL
Date Prepared:	10/13/2006 0947			Injection Volume:	

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Diethyl phthalate	70	49	41 - 118	34	50	J	J
2,4-Dimethylphenol	57	45	40 - 112	23	50	J	J
Dimethyl phthalate	64	46	43 - 114	33	50	J	J
Di-n-butyl phthalate	53	36	35 - 93	38	50	J	J
4,6-Dinitro-o-cresol	22	0	11 - 142	NC	50	U	U F
2,4-Dinitrophenol	0	0	1 - 131	NC	50	U F	U F
2,4-Dinitrotoluene	58	38	32 - 128	43	50	J	J
2,6-Dinitrotoluene	55	31	38 - 128	54	50	J	J F
Di-n-octyl phthalate	26	15	43 - 129	52	50	J F	J F
Fluoranthene	61	45	41 - 124	30	50	J	J
Fluorene	76	52	37 - 113	37	50	J	J
Hexachlorobenzene	59	46	46 - 115	25	50	J	J
Hexachlorobutadiene	71	50	42 - 105	35	50	J	J
Hexachlorocyclopentadiene	45	29	20 - 109	43	50	J	J
Hexachloroethane	298	201	31 - 88	39	50	F	F
Indeno[1,2,3-cd]pyrene	47	18	36 - 133	89	50	J	J F
Isophorone	103	72	37 - 106	36	50		J
2-Methylnaphthalene	192	66	39 - 104	40	50	F	
2-Methylphenol	46	43	38 - 107	7	50	J	J
3 & 4 Methylphenol	44	30	37 - 106	37	50	J	J F
Naphthalene	115	54	34 - 97	37	50	F	
2-Nitroaniline	62	29	38 - 124	74	50	J	J F
3-Nitroaniline	28	17	19 - 118	47	50	J	J F
4-Nitroaniline	20	0	32 - 130	NC	50	J F	U F
Nitrobenzene	66	46	33 - 106	36	50	J	J
2-Nitrophenol	63	45	38 - 104	32	50	J	J
4-Nitrophenol	0	0	21 - 132	NC	50	U F	U F
N-Nitrosodi-n-propylamine	38	58	24 - 108	42	50	J	J
N-Nitrosodiphenylamine	62	44	16 - 113	34	50	J	J
Pentachlorophenol	18	10	27 - 116	NC	50	U F	U F

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Bhate Engineering

Job Number: 680-21081-1
Sdg Number: HOLL011

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-57330

Method: 8270C
Preparation: 3550B

MS Lab Sample ID:	680-21081-2	Analysis Batch:	680-57418	Instrument ID:	GC/MS SemiVolatiles - G
Client Matrix:	Solid	Prep Batch:	680-57330	Lab File ID:	g6891.d
Dilution:	10			Initial Weight/Volume:	30.11 g
Date Analyzed:	10/14/2006 1530			Final Weight/Volume:	1.0 mL
Date Prepared:	10/13/2006 0947			Injection Volume:	

MSD Lab Sample ID:	680-21081-2	Analysis Batch:	680-57418	Instrument ID:	GC/MS SemiVolatiles - G
Client Matrix:	Solid	Prep Batch:	680-57330	Lab File ID:	g6892.d
Dilution:	10			Initial Weight/Volume:	30.13 g
Date Analyzed:	10/14/2006 1558			Final Weight/Volume:	1.0 mL
Date Prepared:	10/13/2006 0947			Injection Volume:	

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Phenanthrene	65	48	47 - 114	30	50	J	J
Phenol	40	29	34 - 98	32	50	J	J F
Pyrene	70	51	36 - 128	31	50	J	J
1,2,4-Trichlorobenzene	62	46	36 - 98	31	50	J	J
2,4,5-Trichlorophenol	52	35	46 - 116	37	50	J	J F
2,4,6-Trichlorophenol	52	37	44 - 113	34	50	J	J F

Surrogate	MS % Rec		MSD % Rec		Acceptance Limits
2-Fluorobiphenyl	0	D	0	D	38 - 104
2-Fluorophenol	0	D	0	D	36 - 101
Nitrobenzene-d5	0	D	0	D	33 - 94
Phenol-d5	0	D	0	D	38 - 102
Terphenyl-d14	0	D	0	D	40 - 129
2,4,6-Tribromophenol	0	D	0	D	27 - 124

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Bhate Engineering

Job Number: 680-21081-1
Sdg Number: HOLL011

Matrix Spike/
Matrix Spike Duplicate Data Report - Batch: 680-57330

Method: 8270C
Preparation: 3550B

MS Lab Sample ID: 680-21081-2
Client Matrix: Solid
Dilution: 10
Date Analyzed: 10/14/2006 1530
Date Prepared: 10/13/2006 0947

Units: ug/Kg

MSD Lab Sample ID: 680-21081-2
Client Matrix: Solid
Dilution: 10
Date Analyzed: 10/14/2006 1558
Date Prepared: 10/13/2006 0947

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Acenaphthene	0.0	U	4810	4810	3320	J	2400	J
Acenaphthylene	0.0	U	4810	4810	3450	J	2430	J
Anthracene	0.0	U	4810	4810	3040	J	2150	J F
Benzidine	0.0	U	4810	4810	440	U	0.0	U F
Benzo[a]anthracene	0.0	U	4810	4810	2990	J	2190	J F
Benzo[a]pyrene	0.0	U	4810	4810	2930	J	1960	J
Benzo[b]fluoranthene	0.0	U	4810	4810	2670	J	1880	J
Benzo[g,h,i]perylene	0.0	U	4810	4810	2620	J	1960	J
Benzoic acid	0.0	U	4810	4810	0.0	U F	0.0	U F
Benzo[k]fluoranthene	0.0	U	4810	4810	3550	J	2610	J
Benzyl alcohol	0.0	U	4810	4810	1370	J F	924	J F
Bis(2-chloroethoxy)methane	0.0	U	4810	4810	3260	J	2280	J
Bis(2-chloroethyl)ether	0.0	U	4810	4810	2950	J	1950	J
bis(chloroisopropyl) ether	0.0	U	4810	4810	2990	J	2210	J
Bis(2-ethylhexyl) phthalate	0.0	U	4810	4810	1960	J	1100	J F
4-Bromophenyl phenyl ether	0.0	U	4810	4810	2390	J	1790	J F
Butyl benzyl phthalate	0.0	U	4810	4810	1720	J F	942	J F
4-Chloroaniline	0.0	U	4810	4810	2330	J	1290	J F
4-Chloro-3-methylphenol	0.0	U	4810	4810	2150	J	1370	J F
2-Chloronaphthalene	0.0	U	4810	4810	3130	J	2280	J
2-Chlorophenol	0.0	U	4810	4810	2120	J	1580	J F
4-Chlorophenyl phenyl ether	0.0	U	4810	4810	3230	J	2350	J
Chrysene	0.0	U	4810	4810	3550	J	2710	J
Dibenz(a,h)anthracene	0.0	U	4810	4810	2250	J	1460	J F
Dibenzofuran	0.0	U	4810	4810	3790	J	2540	J
1,2-Dichlorobenzene	0.0	U	4810	4810	2700	J	2020	J
1,3-Dichlorobenzene	0.0	U	4810	4810	2440	J	1790	J
1,4-Dichlorobenzene	0.0	U	4810	4810	2540	J	1910	J
3,3'-Dichlorobenzidine	0.0	U	4810	4810	708	J	454	J
2,4-Dichlorophenol	0.0	U	4810	4810	3200	J	1340	J F
Diethyl phthalate	0.0	U	4810	4810	3350	J	2380	J
2,4-Dimethylphenol	0.0	U	4810	4810	2740	J	2180	J
Dimethyl phthalate	0.0	U	4810	4810	3080	J	2210	J
Di-n-butyl phthalate	0.0	U	4810	4810	2570	J	1750	J
4,6-Dinitro-o-cresol	0.0	U	4810	4810	1060	U	0.0	U F
2,4-Dinitrophenol	0.0	U	4810	4810	0.0	U F	0.0	U F
2,4-Dinitrotoluene	0.0	U	4810	4810	2790	J	1810	J
2,6-Dinitrotoluene	0.0	U	4810	4810	2630	J	1510	J F
Di-n-octyl phthalate	0.0	U	4810	4810	1230	J F	722	J F

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Bhate Engineering

Job Number: 680-21081-1
Sdg Number: HOLL011

Matrix Spike/
Matrix Spike Duplicate Data Report - Batch: 680-57330

Method: 8270C
Preparation: 3550B

MS Lab Sample ID: 680-21081-2
Client Matrix: Solid
Dilution: 10
Date Analyzed: 10/14/2006 1530
Date Prepared: 10/13/2006 0947

Units: ug/Kg

MSD Lab Sample ID: 680-21081-2
Client Matrix: Solid
Dilution: 10
Date Analyzed: 10/14/2006 1558
Date Prepared: 10/13/2006 0947

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Fluoranthene	0.0	U	4810	4810	2940	J	2170	J
Fluorene	0.0	U	4810	4810	3650	J	2520	J
Hexachlorobenzene	0.0	U	4810	4810	2830	J	2190	J
Hexachlorobutadiene	0.0	U	4810	4810	3410	J	2400	J
Hexachlorocyclopentadiene	0.0	U	4810	4810	2150	J	1380	J
Hexachloroethane	0.0	U	4810	4810	14300	F	9660	F
Indeno[1,2,3-cd]pyrene	0.0	U	4810	4810	2280	J	871	J F
Isophorone	0.0	U	4810	4810	4940		3440	J
2-Methylnaphthalene	9030		4810	4810	18200	F	12200	
2-Methylphenol	0.0	U	4810	4810	2210	J	2060	J
3 & 4 Methylphenol	0.0	U	4810	4810	2140	J	1460	J F
Naphthalene	3970	J	4810	4810	9510	F	6560	
2-Nitroaniline	0.0	U	4810	4810	2990	J	1380	J F
3-Nitroaniline	0.0	U	4810	4810	1330	J	823	J F
4-Nitroaniline	0.0	U	4810	4810	985	J F	0.0	U F
Nitrobenzene	0.0	U	4810	4810	3170	J	2210	J
2-Nitrophenol	0.0	U	4810	4810	3010	J	2170	J
4-Nitrophenol	0.0	U	4810	4810	0.0	U F	0.0	U F
N-Nitrosodi-n-propylamine	0.0	U	4810	4810	1810	J	2780	J
N-Nitrosodiphenylamine	0.0	U	4810	4810	3000	J	2120	J
Pentachlorophenol	0.0	U	4810	4810	857	U F	502	U F
Phenanthrene	0.0	U	4810	4810	3130	J	2320	J
Phenol	0.0	U	4810	4810	1900	J	1380	J F
Pyrene	0.0	U	4810	4810	3360	J	2460	J
1,2,4-Trichlorobenzene	0.0	U	4810	4810	3000	J	2200	J
2,4,5-Trichlorophenol	0.0	U	4810	4810	2480	J	1700	J F
2,4,6-Trichlorophenol	0.0	U	4810	4810	2510	J	1780	J F

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Bhate Engineering

Job Number: 680-21081-1
Sdg Number: HOLL011

Method Blank - Batch: 680-57483

Method: 8270C
Preparation: 3550B

Lab Sample ID: MB 680-57483/4-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/16/2006 1421
Date Prepared: 10/16/2006 1245

Analysis Batch: 680-57489
Prep Batch: 680-57483
Units: ug/Kg

Instrument ID: GC/MS SemiVolatiles - T
Lab File ID: t5465.d
Initial Weight/Volume: 30.00 g
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	Result	Qual	MDL	RL
Acenaphthene	330	U	19	330
Acenaphthylene	330	U	17	330
Anthracene	330	U	23	330
Benzidine	2700	U	83	2700
Benzo[a]anthracene	330	U	31	330
Benzo[a]pyrene	330	U	19	330
Benzo[b]fluoranthene	330	U	26	330
Benzo[g,h,i]perylene	330	U	23	330
Benzoic acid	1700	U	170	1700
Benzo[k]fluoranthene	330	U	36	330
Benzyl alcohol	330	U	38	330
Bis(2-chloroethoxy)methane	330	U	24	330
Bis(2-chloroethyl)ether	330	U	28	330
bis(chloroisopropyl) ether	330	U	35	330
Bis(2-ethylhexyl) phthalate	330	U	38	330
4-Bromophenyl phenyl ether	330	U	31	330
Butyl benzyl phthalate	330	U	27	330
4-Chloroaniline	660	U	26	660
4-Chloro-3-methylphenol	330	U	34	330
2-Chloronaphthalene	330	U	24	330
2-Chlorophenol	330	U	27	330
4-Chlorophenyl phenyl ether	330	U	19	330
Chrysene	330	U	25	330
Dibenz(a,h)anthracene	330	U	24	330
Dibenzofuran	330	U	19	330
1,2-Dichlorobenzene	330	U	23	330
1,3-Dichlorobenzene	330	U	26	330
1,4-Dichlorobenzene	330	U	22	330
3,3'-Dichlorobenzidine	660	U	30	660
2,4-Dichlorophenol	330	U	23	330
Diethyl phthalate	330	U	22	330
2,4-Dimethylphenol	330	U	35	330
Dimethyl phthalate	330	U	19	330
Di-n-butyl phthalate	330	U	28	330
4,6-Dinitro-o-cresol	1700	U	200	1700
2,4-Dinitrophenol	1700	U	170	1700
2,4-Dinitrotoluene	330	U	19	330
2,6-Dinitrotoluene	330	U	33	330
Di-n-octyl phthalate	330	U	31	330
Fluoranthene	330	U	26	330
Fluorene	330	U	22	330

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Bhate Engineering

Job Number: 680-21081-1
Sdg Number: HOLL011

Method Blank - Batch: 680-57483

Method: 8270C
Preparation: 3550B

Lab Sample ID: MB 680-57483/4-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/16/2006 1421
Date Prepared: 10/16/2006 1245

Analysis Batch: 680-57489
Prep Batch: 680-57483
Units: ug/Kg

Instrument ID: GC/MS SemiVolatiles - T
Lab File ID: t5465.d
Initial Weight/Volume: 30.00 g
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	Result	Qual	MDL	RL
Hexachlorobenzene	330	U	26	330
Hexachlorobutadiene	330	U	20	330
Hexachlorocyclopentadiene	330	U	83	330
Hexachloroethane	330	U	20	330
Indeno[1,2,3-cd]pyrene	330	U	26	330
Isophorone	330	U	22	330
2-Methylnaphthalene	330	U	24	330
2-Methylphenol	330	U	30	330
3 & 4 Methylphenol	330	U	29	330
Naphthalene	330	U	19	330
2-Nitroaniline	1700	U	23	1700
3-Nitroaniline	1700	U	33	1700
4-Nitroaniline	1700	U	17	1700
Nitrobenzene	330	U	35	330
2-Nitrophenol	330	U	20	330
4-Nitrophenol	1700	U	210	1700
N-Nitrosodi-n-propylamine	330	U	28	330
N-Nitrosodiphenylamine	330	U	23	330
Pentachlorophenol	1700	U	83	1700
Phenanthrene	330	U	29	330
Phenol	330	U	30	330
Pyrene	330	U	20	330
1,2,4-Trichlorobenzene	330	U	21	330
2,4,5-Trichlorophenol	330	U	32	330
2,4,6-Trichlorophenol	330	U	20	330

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl	80	38 - 104
2-Fluorophenol	69	36 - 101
Nitrobenzene-d5	65	33 - 94
Phenol-d5	71	38 - 102
Terphenyl-d14	95	40 - 129
2,4,6-Tribromophenol	65	27 - 124

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Bhate Engineering

Job Number: 680-21081-1
Sdg Number: HOLL011

Lab Control Spike - Batch: 680-57483

Method: 8270C
Preparation: 3550B

Lab Sample ID: LCS 680-57483/5-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/16/2006 1545
Date Prepared: 10/16/2006 1245

Analysis Batch: 680-57489
Prep Batch: 680-57483
Units: ug/Kg

Instrument ID: GC/MS SemiVolatiles - T
Lab File ID: t5468.d
Initial Weight/Volume: 30.01 g
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	3330	2850	85	36 - 108	
Acenaphthylene	3330	2960	89	41 - 112	
Anthracene	3330	2950	89	46 - 115	
Benzidine	3330	1840	55	1 - 95	J
Benzo[a]anthracene	3330	3010	90	46 - 116	
Benzo[a]pyrene	3330	3390	102	37 - 120	
Benzo[b]fluoranthene	3330	3220	97	35 - 122	
Benzo[g,h,i]perylene	3330	3140	94	41 - 122	
Benzoic acid	3330	1180	36	10 - 94	J
Benzo[k]fluoranthene	3330	3300	99	36 - 124	
Benzyl alcohol	3330	2380	71	30 - 98	
Bis(2-chloroethoxy)methane	3330	2610	78	38 - 106	
Bis(2-chloroethyl)ether	3330	2250	67	30 - 98	
bis(chloroisopropyl) ether	3330	2200	66	16 - 116	
Bis(2-ethylhexyl) phthalate	3330	2720	81	25 - 134	
4-Bromophenyl phenyl ether	3330	2410	72	38 - 106	
Butyl benzyl phthalate	3330	2800	84	43 - 127	
4-Chloroaniline	3330	2220	67	7 - 103	
4-Chloro-3-methylphenol	3330	2730	82	39 - 113	
2-Chloronaphthalene	3330	2770	83	41 - 110	
2-Chlorophenol	3330	2460	74	36 - 99	
4-Chlorophenyl phenyl ether	3330	2780	83	42 - 111	
Chrysene	3330	3080	92	46 - 118	
Dibenz(a,h)anthracene	3330	3200	96	41 - 124	
Dibenzofuran	3330	2770	83	44 - 108	
1,2-Dichlorobenzene	3330	2390	72	35 - 93	
1,3-Dichlorobenzene	3330	2250	67	34 - 90	
1,4-Dichlorobenzene	3330	2320	70	32 - 90	
3,3'-Dichlorobenzidine	3330	2040	61	1 - 118	
2,4-Dichlorophenol	3330	2750	82	43 - 108	
Diethyl phthalate	3330	2750	83	41 - 118	
2,4-Dimethylphenol	3330	2900	87	40 - 112	
Dimethyl phthalate	3330	2770	83	43 - 114	
Di-n-butyl phthalate	3330	2630	79	35 - 93	
4,6-Dinitro-o-cresol	3330	2040	61	11 - 142	
2,4-Dinitrophenol	3330	1030	31	1 - 131	J
2,4-Dinitrotoluene	3330	2870	86	32 - 128	
2,6-Dinitrotoluene	3330	2910	87	38 - 128	
Di-n-octyl phthalate	3330	2700	81	43 - 129	
Fluoranthene	3330	2890	87	41 - 124	
Fluorene	3330	2920	88	37 - 113	
Hexachlorobenzene	3330	2820	85	46 - 115	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Bhate Engineering

Job Number: 680-21081-1
Sdg Number: HOLL011

Lab Control Spike - Batch: 680-57483

Method: 8270C
Preparation: 3550B

Lab Sample ID: LCS 680-57483/5-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/16/2006 1545
Date Prepared: 10/16/2006 1245

Analysis Batch: 680-57489
Prep Batch: 680-57483
Units: ug/Kg

Instrument ID: GC/MS SemiVolatiles - T
Lab File ID: t5468.d
Initial Weight/Volume: 30.01 g
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Hexachlorobutadiene	3330	2730	82	42 - 105	
Hexachlorocyclopentadiene	3330	2650	80	20 - 109	
Hexachloroethane	3330	2180	65	31 - 88	
Indeno[1,2,3-cd]pyrene	3330	3040	91	36 - 133	
Isophorone	3330	2570	77	37 - 106	
2-Methylnaphthalene	3330	2570	77	39 - 104	
2-Methylphenol	3330	2610	78	38 - 107	
3 & 4 Methylphenol	3330	2520	76	37 - 106	
Naphthalene	3330	2640	79	34 - 97	
2-Nitroaniline	3330	2700	81	38 - 124	
3-Nitroaniline	3330	2510	75	19 - 118	
4-Nitroaniline	3330	2750	82	32 - 130	
Nitrobenzene	3330	2430	73	33 - 106	
2-Nitrophenol	3330	2500	75	38 - 104	
4-Nitrophenol	3330	2550	77	21 - 132	
N-Nitrosodi-n-propylamine	3330	2260	68	24 - 108	
N-Nitrosodiphenylamine	3330	2820	85	16 - 113	
Pentachlorophenol	3330	2690	81	27 - 116	
Phenanthrene	3330	2840	85	47 - 114	
Phenol	3330	2490	75	34 - 98	
Pyrene	3330	2870	86	36 - 128	
1,2,4-Trichlorobenzene	3330	2560	77	36 - 98	
2,4,5-Trichlorophenol	3330	2840	85	46 - 116	
2,4,6-Trichlorophenol	3330	2830	85	44 - 113	

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl	91	38 - 104
2-Fluorophenol	79	36 - 101
Nitrobenzene-d5	77	33 - 94
Phenol-d5	83	38 - 102
Terphenyl-d14	90	40 - 129
2,4,6-Tribromophenol	91	27 - 124

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Bhate Engineering

Job Number: 680-21081-1
Sdg Number: HOLL011

Method Blank - Batch: 680-57498

Method: 8015B
Preparation: N/A

Lab Sample ID: MB 680-57498/2
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/13/2006 1210
Date Prepared: N/A

Analysis Batch: 680-57498
Prep Batch: N/A
Units: mg/Kg

Instrument ID: GC Volatiles - A
Lab File ID: PC13A6.d
Initial Weight/Volume: 250 uL
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	MDL	RL
Gasoline Range Organics (GRO)-C6-C10	5.0	U	1.6	5.0

Surrogate	% Rec	Acceptance Limits
a,a,a-Trifluorotoluene	89	61 - 139

Lab Control Spike - Batch: 680-57498

Method: 8015B
Preparation: N/A

Lab Sample ID: LCS 680-57498/1
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/13/2006 1132
Date Prepared: N/A

Analysis Batch: 680-57498
Prep Batch: N/A
Units: mg/Kg

Instrument ID: GC Volatiles - A
Lab File ID: PC13A5.d
Initial Weight/Volume: 250 uL
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Gasoline Range Organics (GRO)-C6-C10	40.0	41.8	105	40 - 140	

Surrogate	% Rec	Acceptance Limits
a,a,a-Trifluorotoluene	94	61 - 139

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Bhate Engineering

Job Number: 680-21081-1
Sdg Number: HOLL011

Method Blank - Batch: 680-57499

Method: 8015B
Preparation: N/A

Lab Sample ID: MB 680-57499/2
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/13/2006 0942
Date Prepared: N/A

Analysis Batch: 680-57499
Prep Batch: N/A
Units: mg/Kg

Instrument ID: GC Volatiles - A
Lab File ID: PC13A4.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 g
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	MDL	RL
Gasoline Range Organics (GRO)-C6-C10	0.25	U	0.082	0.25

Surrogate	% Rec	Acceptance Limits
a,a,a-Trifluorotoluene	86	61 - 139

Lab Control Spike - Batch: 680-57499

Method: 8015B
Preparation: N/A

Lab Sample ID: LCS 680-57499/1
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/13/2006 0905
Date Prepared: N/A

Analysis Batch: 680-57499
Prep Batch: N/A
Units: mg/Kg

Instrument ID: GC Volatiles - A
Lab File ID: PC13A3.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 g
Injection Volume:
Column ID: PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Gasoline Range Organics (GRO)-C6-C10	1.00	0.943	94	40 - 140	

Surrogate	% Rec	Acceptance Limits
a,a,a-Trifluorotoluene	90	61 - 139

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Bhate Engineering

Job Number: 680-21081-1
Sdg Number: HOLL011

Method Blank - Batch: 680-57504

Method: 8015B
Preparation: N/A

Lab Sample ID: MB 680-57504/2
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/16/2006 0938
Date Prepared: N/A

Analysis Batch: 680-57504
Prep Batch: N/A
Units: mg/Kg

Instrument ID: GC Volatiles - A
Lab File ID: PC16A4.d
Initial Weight/Volume: 250 uL
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	MDL	RL
Gasoline Range Organics (GRO)-C6-C10	5.0	U	1.6	5.0

Surrogate	% Rec	Acceptance Limits
a,a,a-Trifluorotoluene	87	61 - 139

Lab Control Spike - Batch: 680-57504

Method: 8015B
Preparation: N/A

Lab Sample ID: LCS 680-57504/1
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/16/2006 0900
Date Prepared: N/A

Analysis Batch: 680-57504
Prep Batch: N/A
Units: mg/Kg

Instrument ID: GC Volatiles - A
Lab File ID: PC16A3.d
Initial Weight/Volume: 250 uL
Final Weight/Volume: 5 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Gasoline Range Organics (GRO)-C6-C10	40.0	40.7	102	40 - 140	

Surrogate	% Rec	Acceptance Limits
a,a,a-Trifluorotoluene	87	61 - 139

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Bhate Engineering

Job Number: 680-21081-1
Sdg Number: HOLL011

Method Blank - Batch: 680-57321

Method: 8015B
Preparation: 3550B

Lab Sample ID: MB 680-57321/13-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/13/2006 1616
Date Prepared: 10/13/2006 0900

Analysis Batch: 680-57409
Prep Batch: 680-57321
Units: mg/Kg

Instrument ID: GC SemiVolatiles - Q
Lab File ID: q0130008.d
Initial Weight/Volume: 30.01 g
Final Weight/Volume: 1.0 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	MDL	RL
Diesel Range Organics [C10-C28]	2.1	J	1.7	3.3
Oil Range Organics (C20-C36)	17	U	8.5	17

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	100	15 - 154

Lab Control Spike - Batch: 680-57321

Method: 8015B
Preparation: 3550B

Lab Sample ID: LCS 680-57321/14-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/13/2006 1634
Date Prepared: 10/13/2006 0900

Analysis Batch: 680-57409
Prep Batch: 680-57321
Units: mg/Kg

Instrument ID: GC SemiVolatiles - Q
Lab File ID: q0130009.d
Initial Weight/Volume: 30.01 g
Final Weight/Volume: 1.0 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Diesel Range Organics [C10-C28]	33.3	32.1	96	40 - 140	

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	142	15 - 154

Calculations are performed before rounding to avoid round-off errors in calculated results.

BHATE

Environmental Engineers and Scientists

Chain of Custody and Analytical Request

Project Number: 9040238.11.01

P.0. NA

Chain of Custody Number [1]:101220061

LIMS Number: NA

Facility/Base I.D.: HOLMN

Project Name / Site Name: West POL

Client Name: USACE

Collected by: T Lucero

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+Hexane	SVOCs 8270	8015B Carbon Chain						MATRIX DESCRIPTION	Cooler ID
									Sample Analysis Requested [5]									Quality Assurance Samples [6]	
WPOL-SW25	W-POL	12-Oct-06	9:15	3'	4'	N	1	SO	7	[1]	[1]	[1]						Confirmation Sidewall Samples	1
WPOL-SW26	W-POL	12-Oct-06	9:30	3'	4'	N	1	SO	7	[1]	[1]	[1]						Confirmation Sidewall Samples	1
WPOL-SW27	W-POL	12-Oct-06	9:45	3'	4'	N	1	SO	7	[1]	[1]	[1]						Confirmation Sidewall Samples	1
WPOL-SW28	W-POL	12-Oct-06	10:00	3'	4'	N	1	SO	7	[1]	[1]	[1]						Confirmation Sidewall Samples	1
Trip Blank						TB			1	[1]								Trip Blank	1
												*	Carbon chain					includes DRO	

STL
5102 La Roche Ave
Savanna GA 31404

Email results to: rrenvironmental@zianet.com, mdauben@bhate.com, keving@zianet.com

RUSH!!

Custody Transfers Prior to Receipt by Laboratory

	Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1.	[signature]	10/12/2006	@ 1600	KG	10/13/06	0945
2.						
3.						

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab:		Shipped No.:	
Method of Shipment:	Fed Ex	Airbill Number:	
Analytical Lab:	STL	Delivery Location:	Savanna GA
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

TEMP.: 0.1

680-21081

RUSH!

LOGIN SAMPLE RECEIPT CHECK LIST

Client: Bhate Engineering

Job Number: 680-21081-1
Sdg Number: HOLL011

Login Number: 21081

Question	T/F/NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	NA	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	NA	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	NA	
Samples do not require splitting or compositing.	NA	

ANALYTICAL REPORT

Job Number: 680-21161-1

SDG Number: HOLL012

Job Description: HOLLOMAN AFB

For:
Bhate Engineering
1608 13th Avenue South
Suite 300
Birmingham, AL 35205

Attention: Judy Solomon

Linda Wolfe
Project Manager I
lwolfe@stl-inc.com
10/19/2006

Project Manager: Linda Wolfe

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the STL Project Manager who signed this report.

EXECUTIVE SUMMARY - Detections

Client: Bhate Engineering

Job Number: 680-21161-1
Sdg Number: HOLL012

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
680-21161-1	**WPOL-SW29**				
Percent Moisture		30	1.0	%	PercentMoisture
Percent Solids		70	1.0	%	PercentMoisture
680-21161-2	**WPOL-SW30**				
Percent Moisture		28	1.0	%	PercentMoisture
Percent Solids		72	1.0	%	PercentMoisture
680-21161-3	**WPOL-SW31**				
Percent Moisture		27	1.0	%	PercentMoisture
Percent Solids		73	1.0	%	PercentMoisture

METHOD SUMMARY

Client: Bhate Engineering

Job Number: 680-21161-1
Sdg Number: HOLL012

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds by GC/MS	STL SAV	SW846 8260B	
Closed System Purge & Trap/Field Preservation	STL SAV		SW846 5035
Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	STL SAV	SW846 8270C	
Ultrasonic Extraction	STL SAV		SW846 3550B
Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)	STL SAV	SW846 8015B	
Closed System Purge & Trap/Field Preservation	STL SAV		SW846 5035
Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)	STL SAV	SW846 8015B	
Ultrasonic Extraction	STL SAV		SW846 3550B
Percent Moisture	STL SAV	EPA PercentMoisture	
Matrix: Water			
Volatile Organic Compounds by GC/MS	STL SAV	SW846 8260B	
Purge-and-Trap	STL SAV		SW846 5030B

LAB REFERENCES:

STL SAV = STL Savannah

METHOD REFERENCES:

EPA - US Environmental Protection Agency

SW846 - "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

SAMPLE SUMMARY

Client: Bhate Engineering

Job Number: 680-21161-1
Sdg Number: HOLL012

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
680-21161-1	WPOL-SW29	Solid	10/16/2006 0900	10/17/2006 0900
680-21161-2	WPOL-SW30	Solid	10/16/2006 0915	10/17/2006 0900
680-21161-3	WPOL-SW31	Solid	10/16/2006 0930	10/17/2006 0900
680-21161-4	Trip Blank	Water	10/16/2006 0900	10/17/2006 0900

Analytical Data

Client: Bhate Engineering

Job Number: 680-21161-1
Sdg Number: HOLL012

Client Sample ID: **WPOL-SW29**

Lab Sample ID: 680-21161-1
Client Matrix: Solid
% Moisture: 29.7
Date Sampled: 10/16/2006 0900
Date Received: 10/17/2006 0900

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5035
Dilution: 1.0
Date Analyzed: 10/18/2006 1351
Date Prepared: 10/17/2006 1302

Analysis Batch: 680-57681
Prep Batch: 680-57615

Instrument ID: GC/MS Volatiles - L
Lab File ID: I1116.d
Initial Weight/Volume: 5.2 g
Final Weight/Volume: 5 g

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		66	U	3.9	66
Acetonitrile		260	U	37	260
Acrolein		130	U	14	130
Bromobenzene		6.6	U	1.2	6.6
Bromochloromethane		6.6	U	1.2	6.6
Acrylonitrile		130	U	21	130
Benzene		6.6	U	1.1	6.6
Dichlorobromomethane		6.6	U	1.3	6.6
Bromoform		6.6	U	2.9	6.6
Methyl bromide		6.6	U	1.7	6.6
n-Butylbenzene		6.6	U	1.3	6.6
Methyl Ethyl Ketone		33	U	5.3	33
Carbon disulfide		6.6	U	1.3	6.6
sec-Butylbenzene		6.6	U	1.4	6.6
Carbon tetrachloride		6.6	U	1.2	6.6
tert-Butylbenzene		6.6	U	1.6	6.6
Chlorobenzene		6.6	U	0.91	6.6
Chloroethane		6.6	U	2.0	6.6
Chloroform		6.6	U	1.2	6.6
Methyl chloride		6.6	U	0.92	6.6
Allyl chloride		6.6	U	1.6	6.6
Chlorodibromomethane		6.6	U	1.4	6.6
1,2-Dibromo-3-Chloropropane		13	U	6.0	13
1,2-Dibromoethane		6.6	U	1.8	6.6
2-Chlorotoluene		6.6	U	1.8	6.6
Methylene bromide		6.6	U	1.7	6.6
trans-1,4-Dichloro-2-butene		13	U	5.3	13
4-Chlorotoluene		6.6	U	1.0	6.6
Dichlorodifluoromethane		6.6	U	3.3	6.6
1,1-Dichloroethane		6.6	U	1.3	6.6
1,2-Dichloroethane		6.6	U	1.6	6.6
1,1-Dichloroethylene		6.6	U	1.4	6.6
o-Dichlorobenzene		6.6	U	2.4	6.6
trans-1,2-Dichloroethylene		6.6	U	1.4	6.6
m-Dichlorobenzene		6.6	U	1.4	6.6
1,2-Dichloropropane		6.6	U	1.7	6.6
cis-1,3-Dichloropropene		6.6	U	1.2	6.6
p-Dichlorobenzene		6.6	U	1.8	6.6
trans-1,3-Dichloropropene		6.6	U	1.4	6.6
Ethylbenzene		6.6	U	1.1	6.6
Ethyl methacrylate		6.6	U	1.0	6.6
2-Hexanone		33	U	7.1	33
Methyl iodide		6.6	U	1.3	6.6

Analytical Data

Client: Bhate Engineering

Job Number: 680-21161-1
Sdg Number: HOLL012

Client Sample ID: **WPOL-SW29**

Lab Sample ID:	680-21161-1			Date Sampled:	10/16/2006 0900
Client Matrix:	Solid	% Moisture:	29.7	Date Received:	10/17/2006 0900

8260B Volatile Organic Compounds by GC/MS

Method:	8260B	Analysis Batch: 680-57681		Instrument ID:	GC/MS Volatiles - L
Preparation:	5035	Prep Batch: 680-57615		Lab File ID:	I1116.d
Dilution:	1.0			Initial Weight/Volume:	5.2 g
Date Analyzed:	10/18/2006 1351			Final Weight/Volume:	5 g
Date Prepared:	10/17/2006 1302				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
cis-Dichloroethylene		6.6	U	1.2	6.6
Methacrylonitrile		130	U	21	130
Methylene Chloride		6.6	U	2.1	6.6
Methyl methacrylate		6.6	U	2.2	6.6
1,3-Dichloropropane		6.6	U	1.6	6.6
4-Methyl-2-pentanone (MIBK)		33	U	7.6	33
Pentachloroethane		33	U	6.0	33
2,2-Dichloropropane		6.6	U	1.6	6.6
Propionitrile		130	U	30	130
1,1-Dichloropropene		6.6	U	1.8	6.6
Styrene		6.6	U	1.1	6.6
1,1,1,2-Tetrachloroethane		6.6	U	1.8	6.6
1,1,2,2-Tetrachloroethane		6.6	U	1.3	6.6
Tetrachloroethylene		6.6	U	1.3	6.6
Toluene		6.6	U	1.3	6.6
Hexachlorobutadiene		6.6	U	2.1	6.6
1,1,1-Trichloroethane		6.6	U	1.1	6.6
1,1,2-Trichloroethane		6.6	U	1.6	6.6
Trichloroethylene		6.6	U	1.6	6.6
Isopropylbenzene		6.6	U	1.3	6.6
Trichlorofluoromethane		6.6	U	1.8	6.6
1,2,3-Trichloropropane		6.6	U	3.6	6.6
p-Isopropyltoluene		6.6	U	1.6	6.6
Vinyl acetate		13	U	2.5	13
Vinyl chloride		6.6	U	1.2	6.6
Methyl tert-butyl ether		66	U	2.4	66
Naphthalene		6.6	U	4.5	6.6
N-Propylbenzene		6.6	U	1.6	6.6
1,2,3-Trichlorobenzene		6.6	U	1.3	6.6
1,2,4-Trichlorobenzene		6.6	U	2.9	6.6
Freon 113		6.6	U	1.3	6.6
1,2,4-Trimethylbenzene		6.6	U	1.3	6.6
1,3,5-Trimethylbenzene		6.6	U	1.7	6.6
o-Xylene		6.6	U	1.8	6.6
m-Xylene & p-Xylene		13	U	2.6	13
1-Chlorohexane		6.6	U	1.0	6.6
Hexane		6.6	U	3.0	6.6

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	103	68 - 121
Dibromofluoromethane	104	66 - 127
Toluene-d8 (Surr)	100	65 - 128

Analytical Data

Client: Bhate Engineering

Job Number: 680-21161-1
Sdg Number: HOLL012

Client Sample ID: **WPOL-SW30**

Lab Sample ID: 680-21161-2
Client Matrix: Solid
% Moisture: 28.4
Date Sampled: 10/16/2006 0915
Date Received: 10/17/2006 0900

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5035
Dilution: 1.0
Date Analyzed: 10/18/2006 1411
Date Prepared: 10/17/2006 1302

Analysis Batch: 680-57681
Prep Batch: 680-57615

Instrument ID: GC/MS Volatiles - L
Lab File ID: I1117.d
Initial Weight/Volume: 5.6 g
Final Weight/Volume: 5 g

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		56	U	3.3	56
Acetonitrile		220	U	31	220
Acrolein		110	U	12	110
Bromobenzene		5.6	U	1.0	5.6
Bromochloromethane		5.6	U	1.1	5.6
Acrylonitrile		110	U	17	110
Benzene		5.6	U *	0.96	5.6
Dichlorobromomethane		5.6	U	1.1	5.6
Bromoform		5.6	U	2.5	5.6
Methyl bromide		5.6	U	1.4	5.6
n-Butylbenzene		5.6	U	1.1	5.6
Methyl Ethyl Ketone		28	U	4.5	28
Carbon disulfide		5.6	U	1.1	5.6
sec-Butylbenzene		5.6	U	1.2	5.6
Carbon tetrachloride		5.6	U	0.99	5.6
tert-Butylbenzene		5.6	U	1.3	5.6
Chlorobenzene		5.6	U	0.77	5.6
Chloroethane		5.6	U	1.7	5.6
Chloroform		5.6	U	0.98	5.6
Methyl chloride		5.6	U	0.78	5.6
Allyl chloride		5.6	U	1.3	5.6
Chlorodibromomethane		5.6	U	1.2	5.6
1,2-Dibromo-3-Chloropropane		11	U	5.1	11
1,2-Dibromoethane		5.6	U	1.6	5.6
2-Chlorotoluene		5.6	U	1.6	5.6
Methylene bromide		5.6	U	1.4	5.6
trans-1,4-Dichloro-2-butene		11	U	4.5	11
4-Chlorotoluene		5.6	U	0.87	5.6
Dichlorodifluoromethane		5.6	U	2.8	5.6
1,1-Dichloroethane		5.6	U	1.1	5.6
1,2-Dichloroethane		5.6	U	1.3	5.6
1,1-Dichloroethylene		5.6	U	1.2	5.6
o-Dichlorobenzene		5.6	U	2.0	5.6
trans-1,2-Dichloroethylene		5.6	U	1.2	5.6
m-Dichlorobenzene		5.6	U	1.2	5.6
1,2-Dichloropropane		5.6	U	1.4	5.6
cis-1,3-Dichloropropene		5.6	U	1.0	5.6
p-Dichlorobenzene		5.6	U	1.6	5.6
trans-1,3-Dichloropropene		5.6	U	1.2	5.6
Ethylbenzene		5.6	U	0.97	5.6
Ethyl methacrylate		5.6	U	0.86	5.6
2-Hexanone		28	U	6.0	28
Methyl iodide		5.6	U	1.1	5.6

Analytical Data

Client: Bhate Engineering

Job Number: 680-21161-1
Sdg Number: HOLL012

Client Sample ID: **WPOL-SW30**

Lab Sample ID: 680-21161-2
Client Matrix: Solid
% Moisture: 28.4
Date Sampled: 10/16/2006 0915
Date Received: 10/17/2006 0900

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5035
Dilution: 1.0
Date Analyzed: 10/18/2006 1411
Date Prepared: 10/17/2006 1302

Analysis Batch: 680-57681
Prep Batch: 680-57615

Instrument ID: GC/MS Volatiles - L
Lab File ID: I1117.d
Initial Weight/Volume: 5.6 g
Final Weight/Volume: 5 g

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
cis-Dichloroethylene		5.6	U	0.98	5.6
Methacrylonitrile		110	U	18	110
Methylene Chloride		5.6	U	1.8	5.6
Methyl methacrylate		5.6	U	1.8	5.6
1,3-Dichloropropane		5.6	U	1.3	5.6
4-Methyl-2-pentanone (MIBK)		28	U	6.5	28
Pentachloroethane		28	U	5.1	28
2,2-Dichloropropane		5.6	U	1.3	5.6
Propionitrile		110	U	26	110
1,1-Dichloropropene		5.6	U	1.6	5.6
Styrene		5.6	U	0.95	5.6
1,1,1,2-Tetrachloroethane		5.6	U	1.6	5.6
1,1,2,2-Tetrachloroethane		5.6	U	1.1	5.6
Tetrachloroethylene		5.6	U	1.1	5.6
Toluene		5.6	U	1.1	5.6
Hexachlorobutadiene		5.6	U	1.8	5.6
1,1,1-Trichloroethane		5.6	U	0.95	5.6
1,1,2-Trichloroethane		5.6	U	1.3	5.6
Trichloroethylene		5.6	U	1.3	5.6
Isopropylbenzene		5.6	U	1.1	5.6
Trichlorofluoromethane		5.6	U	1.6	5.6
1,2,3-Trichloropropane		5.6	U	3.0	5.6
p-Isopropyltoluene		5.6	U	1.3	5.6
Vinyl acetate		11	U	2.1	11
Vinyl chloride		5.6	U	1.0	5.6
Methyl tert-butyl ether		56	U	2.0	56
Naphthalene		5.6	U	3.8	5.6
N-Propylbenzene		5.6	U	1.3	5.6
1,2,3-Trichlorobenzene		5.6	U	1.1	5.6
1,2,4-Trichlorobenzene		5.6	U	2.5	5.6
Freon 113		5.6	U *	1.1	5.6
1,2,4-Trimethylbenzene		5.6	U	1.1	5.6
1,3,5-Trimethylbenzene		5.6	U	1.4	5.6
o-Xylene		5.6	U	1.6	5.6
m-Xylene & p-Xylene		11	U	2.2	11
1-Chlorohexane		5.6	U	0.87	5.6
Hexane		5.6	U	2.6	5.6

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	106	68 - 121
Dibromofluoromethane	103	66 - 127
Toluene-d8 (Surr)	108	65 - 128

Analytical Data

Client: Bhate Engineering

Job Number: 680-21161-1
Sdg Number: HOLL012

Client Sample ID: **WPOL-SW31**

Lab Sample ID: 680-21161-3
Client Matrix: Solid
% Moisture: 26.6
Date Sampled: 10/16/2006 0930
Date Received: 10/17/2006 0900

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5035
Dilution: 1.0
Date Analyzed: 10/18/2006 1432
Date Prepared: 10/17/2006 1302

Analysis Batch: 680-57681
Prep Batch: 680-57615

Instrument ID: GC/MS Volatiles - L
Lab File ID: I1118.d
Initial Weight/Volume: 4.8 g
Final Weight/Volume: 5 g

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		74	U	4.4	74
Acetonitrile		300	U	41	300
Acrolein		150	U	16	150
Bromobenzene		7.4	U	1.4	7.4
Bromochloromethane		7.4	U	1.4	7.4
Acrylonitrile		150	U	23	150
Benzene		7.4	U *	1.3	7.4
Dichlorobromomethane		7.4	U	1.5	7.4
Bromoform		7.4	U	3.3	7.4
Methyl bromide		7.4	U	1.9	7.4
n-Butylbenzene		7.4	U	1.5	7.4
Methyl Ethyl Ketone		37	U	5.9	37
Carbon disulfide		7.4	U	1.5	7.4
sec-Butylbenzene		7.4	U	1.6	7.4
Carbon tetrachloride		7.4	U	1.3	7.4
tert-Butylbenzene		7.4	U	1.8	7.4
Chlorobenzene		7.4	U	1.0	7.4
Chloroethane		7.4	U	2.2	7.4
Chloroform		7.4	U	1.3	7.4
Methyl chloride		7.4	U	1.0	7.4
Allyl chloride		7.4	U	1.8	7.4
Chlorodibromomethane		7.4	U	1.6	7.4
1,2-Dibromo-3-Chloropropane		15	U	6.8	15
1,2-Dibromoethane		7.4	U	2.1	7.4
2-Chlorotoluene		7.4	U	2.1	7.4
Methylene bromide		7.4	U	1.9	7.4
trans-1,4-Dichloro-2-butene		15	U	5.9	15
4-Chlorotoluene		7.4	U	1.2	7.4
Dichlorodifluoromethane		7.4	U	3.7	7.4
1,1-Dichloroethane		7.4	U	1.5	7.4
1,2-Dichloroethane		7.4	U	1.8	7.4
1,1-Dichloroethylene		7.4	U	1.6	7.4
o-Dichlorobenzene		7.4	U	2.7	7.4
trans-1,2-Dichloroethylene		7.4	U	1.6	7.4
m-Dichlorobenzene		7.4	U	1.6	7.4
1,2-Dichloropropane		7.4	U	1.9	7.4
cis-1,3-Dichloropropene		7.4	U	1.3	7.4
p-Dichlorobenzene		7.4	U	2.1	7.4
trans-1,3-Dichloropropene		7.4	U	1.6	7.4
Ethylbenzene		7.4	U	1.3	7.4
Ethyl methacrylate		7.4	U	1.1	7.4
2-Hexanone		37	U	8.0	37
Methyl iodide		7.4	U	1.5	7.4

Analytical Data

Client: Bhate Engineering

Job Number: 680-21161-1
Sdg Number: HOLL012

Client Sample ID: **WPOL-SW31**

Lab Sample ID: 680-21161-3
Client Matrix: Solid
% Moisture: 26.6
Date Sampled: 10/16/2006 0930
Date Received: 10/17/2006 0900

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5035
Dilution: 1.0
Date Analyzed: 10/18/2006 1432
Date Prepared: 10/17/2006 1302

Analysis Batch: 680-57681
Prep Batch: 680-57615

Instrument ID: GC/MS Volatiles - L
Lab File ID: I1118.d
Initial Weight/Volume: 4.8 g
Final Weight/Volume: 5 g

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
cis-Dichloroethylene		7.4	U	1.3	7.4
Methacrylonitrile		150	U	24	150
Methylene Chloride		7.4	U	2.4	7.4
Methyl methacrylate		7.4	U	2.5	7.4
1,3-Dichloropropane		7.4	U	1.8	7.4
4-Methyl-2-pentanone (MIBK)		37	U	8.6	37
Pentachloroethane		37	U	6.8	37
2,2-Dichloropropane		7.4	U	1.8	7.4
Propionitrile		150	U	34	150
1,1-Dichloropropene		7.4	U	2.1	7.4
Styrene		7.4	U	1.3	7.4
1,1,1,2-Tetrachloroethane		7.4	U	2.1	7.4
1,1,2,2-Tetrachloroethane		7.4	U	1.5	7.4
Tetrachloroethylene		7.4	U	1.5	7.4
Toluene		7.4	U	1.5	7.4
Hexachlorobutadiene		7.4	U	2.4	7.4
1,1,1-Trichloroethane		7.4	U	1.3	7.4
1,1,2-Trichloroethane		7.4	U	1.8	7.4
Trichloroethylene		7.4	U	1.8	7.4
Isopropylbenzene		7.4	U	1.5	7.4
Trichlorofluoromethane		7.4	U	2.1	7.4
1,2,3-Trichloropropane		7.4	U	4.0	7.4
p-Isopropyltoluene		7.4	U	1.8	7.4
Vinyl acetate		15	U	2.8	15
Vinyl chloride		7.4	U	1.4	7.4
Methyl tert-butyl ether		74	U	2.7	74
Naphthalene		7.4	U	5.0	7.4
N-Propylbenzene		7.4	U	1.8	7.4
1,2,3-Trichlorobenzene		7.4	U	1.5	7.4
1,2,4-Trichlorobenzene		7.4	U	3.3	7.4
Freon 113		7.4	U *	1.5	7.4
1,2,4-Trimethylbenzene		7.4	U	1.5	7.4
1,3,5-Trimethylbenzene		7.4	U	1.9	7.4
o-Xylene		7.4	U	2.1	7.4
m-Xylene & p-Xylene		15	U	3.0	15
1-Chlorohexane		7.4	U	1.2	7.4
Hexane		7.4	U	3.4	7.4

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	104	68 - 121
Dibromofluoromethane	104	66 - 127
Toluene-d8 (Surr)	99	65 - 128

Analytical Data

Client: Bhate Engineering

Job Number: 680-21161-1
Sdg Number: HOLL012

Client Sample ID: **Trip Blank**

Lab Sample ID: 680-21161-4
Client Matrix: Water

Date Sampled: 10/16/2006 0900
Date Received: 10/17/2006 0900

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 10/18/2006 1316
Date Prepared: 10/18/2006 1316

Analysis Batch: 680-57680

Instrument ID: GC/MS Volatiles - O
Lab File ID: o1533.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzene	1.0	U	0.54	1.0
Methyl bromide	1.0	U	0.93	1.0
Methyl chloride	1.0	U	0.53	1.0
Allyl chloride	1.0	U	0.35	1.0
Acetone	25	U	7.3	25
Acetonitrile	40	U	0.23	40
Acrolein	20	U	12	20
Bromobenzene	1.0	U	0.45	1.0
Bromochloromethane	1.0	U	0.25	1.0
Acrylonitrile	20	U	3.2	20
Dichlorobromomethane	1.0	U	0.42	1.0
Bromoform	1.0	U	0.36	1.0
n-Butylbenzene	1.0	U	0.38	1.0
Methyl Ethyl Ketone	10	U	0.72	10
Carbon disulfide	2.0	U	0.75	2.0
sec-Butylbenzene	1.0	U	0.60	1.0
Carbon tetrachloride	1.0	U	0.91	1.0
tert-Butylbenzene	1.0	U	0.63	1.0
Chlorobenzene	1.0	U	0.41	1.0
Chloroethane	1.0	U	0.89	1.0
Chloroform	1.0	U	0.52	1.0
Dibromochloromethane	1.0	U	0.40	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.65	1.0
1,2-Dibromoethane	1.0	U	0.34	1.0
o-Chlorotoluene	1.0	U	0.58	1.0
Methylene bromide	1.0	U	0.33	1.0
trans-1,4-Dichloro-2-butene	2.0	U	0.80	2.0
p-Chlorotoluene	1.0	U	0.44	1.0
Dichlorodifluoromethane	1.0	U	0.73	1.0
1,1-Dichloroethane	1.0	U	0.56	1.0
1,2-Dichloroethane	1.0	U	0.28	1.0
1,1-Dichlorethylene	1.0	U	0.93	1.0
o-Dichlorobenzene	1.0	U	0.21	1.0
trans-1-2-Dichloroethylene	1.0	U	0.80	1.0
m-Dichlorobenzene	1.0	U	0.28	1.0
1,2-Dichloropropane	1.0	U	0.26	1.0
cis-1,3-Dichloropropene	1.0	U	0.41	1.0
p-Dichlorobenzene	1.0	U	0.44	1.0
trans-1,3-Dichloropropene	1.0	U	0.36	1.0
Ethylbenzene	1.0	U	0.62	1.0
Ethyl methacrylate	1.0	U	0.33	1.0
2-Hexanone	10	U	0.39	10
Methyl iodide	5.0	U	0.96	5.0

Client: Bhate Engineering

Job Number: 680-21161-1
Sdg Number: HOLL012

Client Sample ID: **Trip Blank**

Lab Sample ID: 680-21161-4
Client Matrix: Water

Date Sampled: 10/16/2006 0900
Date Received: 10/17/2006 0900

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 10/18/2006 1316
Date Prepared: 10/18/2006 1316

Analysis Batch: 680-57680

Instrument ID: GC/MS Volatiles - O
Lab File ID: o1533.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
cis-1,2-Dichloroethylene	1.0	U	0.55	1.0
Methacrylonitrile	20	U	9.1	20
Methylene Chloride	5.0	U	0.44	5.0
Methyl methacrylate	1.0	U	0.36	1.0
1,3-Dichloropropane	1.0	U	0.31	1.0
4-Methyl-2-pentanone	10	U	0.45	10
Pentachloroethane	5.0	U	1.0	5.0
2,2-Dichloropropane	1.0	U	0.86	1.0
Propionitrile	20	U	10	20
1,1-Dichloropropene	1.0	U	0.80	1.0
Styrene	1.0	U	0.42	1.0
1,1,1,2-Tetrachloroethane	1.0	U	0.53	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.21	1.0
Tetrachloroethylene	1.0	U	0.75	1.0
Toluene	1.0	U	0.62	1.0
Hexachlorobutadiene	1.0	U	0.50	1.0
1,1,1-Trichloroethane	1.0	U	0.79	1.0
1,1,2-Trichloroethane	1.0	U	0.37	1.0
Trichloroethylene	1.0	U	0.71	1.0
Isopropylbenzene	1.0	U	0.66	1.0
Trichlorofluoromethane	1.0	U	0.96	1.0
1,2,3-Trichloropropane	1.0	U	0.44	1.0
p-Isopropyltoluene	1.0	U	0.52	1.0
Vinyl acetate	2.0	U	0.70	2.0
Vinyl chloride	1.0	U	0.92	1.0
Methyl tert-butyl ether	10	U	0.45	10
Naphthalene	5.0	U	0.12	5.0
N-Propylbenzene	1.0	U	0.45	1.0
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2,4-Trichlorobenzene	1.0	U	0.28	1.0
Freon 113	1.0	U	0.10	1.0
1,2,4-Trimethylbenzene	1.0	U	0.44	1.0
1,3,5-Trimethylbenzene	1.0	U	0.49	1.0
o-Xylene	1.0	U	0.49	1.0
m-Xylene & p-Xylene	2.0	U	1.3	2.0
1-Chlorohexane	1.0	U	0.42	1.0
Hexane	5.0	U	5.0	5.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	93	77 - 120
Dibromofluoromethane	88	75 - 123
Toluene-d8 (Surr)	98	79 - 122

Client: Bhate Engineering

Job Number: 680-21161-1
Sdg Number: HOLL012

Client Sample ID: **WPOL-SW29**

Lab Sample ID: 680-21161-1
Client Matrix: Solid
% Moisture: 29.7
Date Sampled: 10/16/2006 0900
Date Received: 10/17/2006 0900

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3550B
Dilution: 1.0
Date Analyzed: 10/17/2006 1643
Date Prepared: 10/17/2006 1300

Analysis Batch: 680-57617
Prep Batch: 680-57601

Instrument ID: GC/MS SemiVolatiles - T
Lab File ID: t5487.d
Initial Weight/Volume: 30.03 g
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		470	U	27	470
Acenaphthylene		470	U	24	470
Anthracene		470	U	33	470
Benzidine		3800	U	120	3800
Benzo[a]anthracene		470	U	44	470
Benzo[a]pyrene		470	U	27	470
Benzo[b]fluoranthene		470	U	37	470
Benzo[g,h,i]perylene		470	U	33	470
Benzoic acid		2400	U	240	2400
Benzo[k]fluoranthene		470	U	51	470
Benzyl alcohol		470	U	54	470
Bis(2-chloroethoxy)methane		470	U	34	470
Bis(2-chloroethyl)ether		470	U	40	470
bis(chloroisopropyl) ether		470	U	50	470
Bis(2-ethylhexyl) phthalate		470	U	54	470
4-Bromophenyl phenyl ether		470	U	44	470
Butyl benzyl phthalate		470	U	38	470
4-Chloroaniline		940	U	37	940
4-Chloro-3-methylphenol		470	U	48	470
2-Chloronaphthalene		470	U	34	470
2-Chlorophenol		470	U	38	470
4-Chlorophenyl phenyl ether		470	U	27	470
Chrysene		470	U	36	470
Dibenz(a,h)anthracene		470	U	34	470
Dibenzofuran		470	U	27	470
1,2-Dichlorobenzene		470	U	33	470
1,3-Dichlorobenzene		470	U	37	470
1,4-Dichlorobenzene		470	U	31	470
3,3'-Dichlorobenzidine		940	U	43	940
2,4-Dichlorophenol		470	U	33	470
Diethyl phthalate		470	U	31	470
2,4-Dimethylphenol		470	U	50	470
Dimethyl phthalate		470	U	27	470
Di-n-butyl phthalate		470	U	40	470
4,6-Dinitro-o-cresol		2400	U	280	2400
2,4-Dinitrophenol		2400	U	240	2400
2,6-Dinitrotoluene		470	U	47	470
2,4-Dinitrotoluene		470	U	27	470
Di-n-octyl phthalate		470	U	44	470
Fluoranthene		470	U	37	470
Fluorene		470	U	31	470
Hexachlorobenzene		470	U	37	470
Hexachlorobutadiene		470	U	28	470

Client: Bhate Engineering

Job Number: 680-21161-1
Sdg Number: HOLL012

Client Sample ID: **WPOL-SW29**

Lab Sample ID:	680-21161-1			Date Sampled:	10/16/2006 0900
Client Matrix:	Solid	% Moisture:	29.7	Date Received:	10/17/2006 0900

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-57617		Instrument ID:	GC/MS SemiVolatiles - T
Preparation:	3550B	Prep Batch: 680-57601		Lab File ID:	t5487.d
Dilution:	1.0			Initial Weight/Volume:	30.03 g
Date Analyzed:	10/17/2006 1643			Final Weight/Volume:	1.0 mL
Date Prepared:	10/17/2006 1300			Injection Volume:	

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Hexachlorocyclopentadiene		470	U	120	470
Hexachloroethane		470	U	28	470
Indeno[1,2,3-cd]pyrene		470	U	37	470
Isophorone		470	U	31	470
2-Methylnaphthalene		470	U	34	470
2-Methylphenol		470	U	43	470
3 & 4 Methylphenol		470	U	41	470
Naphthalene		470	U	27	470
3-Nitroaniline		2400	U	47	2400
2-Nitroaniline		2400	U	33	2400
4-Nitroaniline		2400	U	24	2400
Nitrobenzene		470	U	50	470
4-Nitrophenol		2400	U	300	2400
2-Nitrophenol		470	U	28	470
N-Nitrosodi-n-propylamine		470	U	40	470
N-Nitrosodiphenylamine		470	U	33	470
Pentachlorophenol		2400	U	120	2400
Phenanthrene		470	U	41	470
Phenol		470	U	43	470
Pyrene		470	U	28	470
1,2,4-Trichlorobenzene		470	U	30	470
2,4,5-Trichlorophenol		470	U	45	470
2,4,6-Trichlorophenol		470	U	28	470

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	46	38 - 104
2-Fluorophenol	42	36 - 101
Nitrobenzene-d5	38	33 - 94
Phenol-d5	43	38 - 102
Terphenyl-d14	57	40 - 129
2,4,6-Tribromophenol	48	27 - 124

Client: Bhate Engineering

Job Number: 680-21161-1
Sdg Number: HOLL012

Client Sample ID: **WPOL-SW30**

Lab Sample ID: 680-21161-2
Client Matrix: Solid
% Moisture: 28.4
Date Sampled: 10/16/2006 0915
Date Received: 10/17/2006 0900

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3550B
Dilution: 1.0
Date Analyzed: 10/17/2006 1711
Date Prepared: 10/17/2006 1300

Analysis Batch: 680-57617
Prep Batch: 680-57601

Instrument ID: GC/MS SemiVolatiles - T
Lab File ID: t5488.d
Initial Weight/Volume: 30.00 g
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		460	U	27	460
Acenaphthylene		460	U	24	460
Anthracene		460	U	32	460
Benzidine		3800	U	120	3800
Benzo[a]anthracene		460	U	43	460
Benzo[a]pyrene		460	U	27	460
Benzo[b]fluoranthene		460	U	36	460
Benzo[g,h,i]perylene		460	U	32	460
Benzoic acid		2400	U	240	2400
Benzo[k]fluoranthene		460	U	50	460
Benzyl alcohol		460	U	53	460
Bis(2-chloroethoxy)methane		460	U	34	460
Bis(2-chloroethyl)ether		460	U	39	460
bis(chloroisopropyl) ether		460	U	49	460
Bis(2-ethylhexyl) phthalate		460	U	53	460
4-Bromophenyl phenyl ether		460	U	43	460
Butyl benzyl phthalate		460	U	38	460
4-Chloroaniline		920	U	36	920
4-Chloro-3-methylphenol		460	U	48	460
2-Chloronaphthalene		460	U	34	460
2-Chlorophenol		460	U	38	460
4-Chlorophenyl phenyl ether		460	U	27	460
Chrysene		460	U	35	460
Dibenz(a,h)anthracene		460	U	34	460
Dibenzofuran		460	U	27	460
1,2-Dichlorobenzene		460	U	32	460
1,3-Dichlorobenzene		460	U	36	460
1,4-Dichlorobenzene		460	U	31	460
3,3'-Dichlorobenzidine		920	U	42	920
2,4-Dichlorophenol		460	U	32	460
Diethyl phthalate		460	U	31	460
2,4-Dimethylphenol		460	U	49	460
Dimethyl phthalate		460	U	27	460
Di-n-butyl phthalate		460	U	39	460
4,6-Dinitro-o-cresol		2400	U	280	2400
2,4-Dinitrophenol		2400	U	240	2400
2,6-Dinitrotoluene		460	U	46	460
2,4-Dinitrotoluene		460	U	27	460
Di-n-octyl phthalate		460	U	43	460
Fluoranthene		460	U	36	460
Fluorene		460	U	31	460
Hexachlorobenzene		460	U	36	460
Hexachlorobutadiene		460	U	28	460

Analytical Data

Client: Bhate Engineering

Job Number: 680-21161-1
Sdg Number: HOLL012

Client Sample ID: **WPOL-SW30**

Lab Sample ID:	680-21161-2			Date Sampled:	10/16/2006 0915
Client Matrix:	Solid	% Moisture:	28.4	Date Received:	10/17/2006 0900

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-57617		Instrument ID:	GC/MS SemiVolatiles - T
Preparation:	3550B	Prep Batch: 680-57601		Lab File ID:	t5488.d
Dilution:	1.0			Initial Weight/Volume:	30.00 g
Date Analyzed:	10/17/2006 1711			Final Weight/Volume:	1.0 mL
Date Prepared:	10/17/2006 1300			Injection Volume:	

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Hexachlorocyclopentadiene		460	U	120	460
Hexachloroethane		460	U	28	460
Indeno[1,2,3-cd]pyrene		460	U	36	460
Isophorone		460	U	31	460
2-Methylnaphthalene		460	U	34	460
2-Methylphenol		460	U	42	460
3 & 4 Methylphenol		460	U	41	460
Naphthalene		460	U	27	460
3-Nitroaniline		2400	U	46	2400
2-Nitroaniline		2400	U	32	2400
4-Nitroaniline		2400	U	24	2400
Nitrobenzene		460	U	49	460
4-Nitrophenol		2400	U	290	2400
2-Nitrophenol		460	U	28	460
N-Nitrosodi-n-propylamine		460	U	39	460
N-Nitrosodiphenylamine		460	U	32	460
Pentachlorophenol		2400	U	120	2400
Phenanthrene		460	U	41	460
Phenol		460	U	42	460
Pyrene		460	U	28	460
1,2,4-Trichlorobenzene		460	U	29	460
2,4,5-Trichlorophenol		460	U	45	460
2,4,6-Trichlorophenol		460	U	28	460

Surrogate	%Rec		Acceptance Limits
2-Fluorobiphenyl	38		38 - 104
2-Fluorophenol	37		36 - 101
Nitrobenzene-d5	32	X	33 - 94
Phenol-d5	38		38 - 102
Terphenyl-d14	45		40 - 129
2,4,6-Tribromophenol	40		27 - 124

Client: Bhate Engineering

Job Number: 680-21161-1
Sdg Number: HOLL012

Client Sample ID: **WPOL-SW31**

Lab Sample ID: 680-21161-3
Client Matrix: Solid
% Moisture: 26.6
Date Sampled: 10/16/2006 0930
Date Received: 10/17/2006 0900

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3550B
Dilution: 1.0
Date Analyzed: 10/17/2006 1739
Date Prepared: 10/17/2006 1300

Analysis Batch: 680-57617
Prep Batch: 680-57601

Instrument ID: GC/MS SemiVolatiles - T
Lab File ID: t5489.d
Initial Weight/Volume: 30.10 g
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		450	U	26	450
Acenaphthylene		450	U	23	450
Anthracene		450	U	31	450
Benzidine		3700	U	110	3700
Benzo[a]anthracene		450	U	42	450
Benzo[a]pyrene		450	U	26	450
Benzo[b]fluoranthene		450	U	35	450
Benzo[g,h,i]perylene		450	U	31	450
Benzoic acid		2300	U	230	2300
Benzo[k]fluoranthene		450	U	49	450
Benzyl alcohol		450	U	52	450
Bis(2-chloroethoxy)methane		450	U	33	450
Bis(2-chloroethyl)ether		450	U	38	450
bis(chloroisopropyl) ether		450	U	48	450
Bis(2-ethylhexyl) phthalate		450	U	52	450
4-Bromophenyl phenyl ether		450	U	42	450
Butyl benzyl phthalate		450	U	37	450
4-Chloroaniline		900	U	35	900
4-Chloro-3-methylphenol		450	U	46	450
2-Chloronaphthalene		450	U	33	450
2-Chlorophenol		450	U	37	450
4-Chlorophenyl phenyl ether		450	U	26	450
Chrysene		450	U	34	450
Dibenz(a,h)anthracene		450	U	33	450
Dibenzofuran		450	U	26	450
1,2-Dichlorobenzene		450	U	31	450
1,3-Dichlorobenzene		450	U	35	450
1,4-Dichlorobenzene		450	U	30	450
3,3'-Dichlorobenzidine		900	U	41	900
2,4-Dichlorophenol		450	U	31	450
Diethyl phthalate		450	U	30	450
2,4-Dimethylphenol		450	U	48	450
Dimethyl phthalate		450	U	26	450
Di-n-butyl phthalate		450	U	38	450
4,6-Dinitro-o-cresol		2300	U	270	2300
2,4-Dinitrophenol		2300	U	230	2300
2,6-Dinitrotoluene		450	U	45	450
2,4-Dinitrotoluene		450	U	26	450
Di-n-octyl phthalate		450	U	42	450
Fluoranthene		450	U	35	450
Fluorene		450	U	30	450
Hexachlorobenzene		450	U	35	450
Hexachlorobutadiene		450	U	27	450

Analytical Data

Client: Bhate Engineering

Job Number: 680-21161-1
Sdg Number: HOLL012

Client Sample ID: WPOL-SW31

Lab Sample ID:	680-21161-3			Date Sampled:	10/16/2006 0930
Client Matrix:	Solid	% Moisture:	26.6	Date Received:	10/17/2006 0900

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-57617		Instrument ID:	GC/MS SemiVolatiles - T
Preparation:	3550B	Prep Batch: 680-57601		Lab File ID:	t5489.d
Dilution:	1.0			Initial Weight/Volume:	30.10 g
Date Analyzed:	10/17/2006 1739			Final Weight/Volume:	1.0 mL
Date Prepared:	10/17/2006 1300			Injection Volume:	

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Hexachlorocyclopentadiene		450	U	110	450
Hexachloroethane		450	U	27	450
Indeno[1,2,3-cd]pyrene		450	U	35	450
Isophorone		450	U	30	450
2-Methylnaphthalene		450	U	33	450
2-Methylphenol		450	U	41	450
3 & 4 Methylphenol		450	U	39	450
Naphthalene		450	U	26	450
3-Nitroaniline		2300	U	45	2300
2-Nitroaniline		2300	U	31	2300
4-Nitroaniline		2300	U	23	2300
Nitrobenzene		450	U	48	450
4-Nitrophenol		2300	U	290	2300
2-Nitrophenol		450	U	27	450
N-Nitrosodi-n-propylamine		450	U	38	450
N-Nitrosodiphenylamine		450	U	31	450
Pentachlorophenol		2300	U	110	2300
Phenanthrene		450	U	39	450
Phenol		450	U	41	450
Pyrene		450	U	27	450
1,2,4-Trichlorobenzene		450	U	29	450
2,4,5-Trichlorophenol		450	U	43	450
2,4,6-Trichlorophenol		450	U	27	450

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	55	38 - 104
2-Fluorophenol	50	36 - 101
Nitrobenzene-d5	45	33 - 94
Phenol-d5	50	38 - 102
Terphenyl-d14	60	40 - 129
2,4,6-Tribromophenol	58	27 - 124

Analytical Data

Client: Bhate Engineering

Job Number: 680-21161-1
Sdg Number: HOLL012

Client Sample ID: WPOL-SW29

Lab Sample ID:	680-21161-1			Date Sampled:	10/16/2006 0900
Client Matrix:	Solid	% Moisture:	29.7	Date Received:	10/17/2006 0900

8015B Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Method:	8015B	Analysis Batch: 680-57763		Instrument ID:	GC Volatiles - A
Preparation:	5035	Prep Batch: 680-57615		Lab File ID:	PC18A7.d
Dilution:	1.0			Initial Weight/Volume:	4.3 g
Date Analyzed:	10/18/2006 1212			Final Weight/Volume:	5 g
Date Prepared:	10/17/2006 1302			Injection Volume:	
				Column ID:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Gasoline Range Organics (GRO)-C6-C10		0.41	U	0.14	0.41

Surrogate	%Rec	Acceptance Limits
a,a,a-Trifluorotoluene	88	61 - 139

Analytical Data

Client: Bhate Engineering

Job Number: 680-21161-1
Sdg Number: HOLL012

Client Sample ID: WPOL-SW30

Lab Sample ID:	680-21161-2			Date Sampled:	10/16/2006 0915
Client Matrix:	Solid	% Moisture:	28.4	Date Received:	10/17/2006 0900

8015B Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Method:	8015B	Analysis Batch: 680-57763		Instrument ID:	GC Volatiles - A
Preparation:	5035	Prep Batch: 680-57615		Lab File ID:	PC18A8.d
Dilution:	1.0			Initial Weight/Volume:	5.4 g
Date Analyzed:	10/18/2006 1251			Final Weight/Volume:	5 g
Date Prepared:	10/17/2006 1302			Injection Volume:	
				Column ID:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Gasoline Range Organics (GRO)-C6-C10		0.32	U	0.11	0.32

Surrogate	%Rec	Acceptance Limits
a,a,a-Trifluorotoluene	86	61 - 139

Analytical Data

Client: Bhate Engineering

Job Number: 680-21161-1
Sdg Number: HOLL012

Client Sample ID: WPOL-SW31

Lab Sample ID:	680-21161-3			Date Sampled:	10/16/2006 0930
Client Matrix:	Solid	% Moisture:	26.6	Date Received:	10/17/2006 0900

8015B Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Method:	8015B	Analysis Batch: 680-57763		Instrument ID:	GC Volatiles - A
Preparation:	5035	Prep Batch: 680-57615		Lab File ID:	PC18A11.d
Dilution:	1.0			Initial Weight/Volume:	5.5 g
Date Analyzed:	10/18/2006 1447			Final Weight/Volume:	5 g
Date Prepared:	10/17/2006 1302			Injection Volume:	
				Column ID:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Gasoline Range Organics (GRO)-C6-C10		0.31	U	0.10	0.31

Surrogate	%Rec	Acceptance Limits
a,a,a-Trifluorotoluene	87	61 - 139

Analytical Data

Client: Bhate Engineering

Job Number: 680-21161-1
Sdg Number: HOLL012

Client Sample ID: **WPOL-SW29**

Lab Sample ID:	680-21161-1			Date Sampled:	10/16/2006 0900
Client Matrix:	Solid	% Moisture:	29.7	Date Received:	10/17/2006 0900

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method:	8015B	Analysis Batch: 680-57695		Instrument ID:	GC SemiVolatiles - Q
Preparation:	3550B	Prep Batch: 680-57598		Lab File ID:	q0170039.d
Dilution:	1.0			Initial Weight/Volume:	30.04 g
Date Analyzed:	10/17/2006 2023			Final Weight/Volume:	1.0 mL
Date Prepared:	10/17/2006 1230			Injection Volume:	
				Column ID:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Diesel Range Organics [C10-C28]		4.7	U	2.4	4.7
Oil Range Organics (C20-C36)		24	U	12	24

Surrogate	%Rec	Acceptance Limits
o-Terphenyl	74	15 - 154

Analytical Data

Client: Bhate Engineering

Job Number: 680-21161-1
Sdg Number: HOLL012

Client Sample ID: WPOL-SW30

Lab Sample ID:	680-21161-2			Date Sampled:	10/16/2006 0915
Client Matrix:	Solid	% Moisture:	28.4	Date Received:	10/17/2006 0900

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method:	8015B	Analysis Batch: 680-57695		Instrument ID:	GC SemiVolatiles - Q
Preparation:	3550B	Prep Batch: 680-57598		Lab File ID:	q0170040.d
Dilution:	1.0			Initial Weight/Volume:	30.05 g
Date Analyzed:	10/17/2006 2040			Final Weight/Volume:	1.0 mL
Date Prepared:	10/17/2006 1230			Injection Volume:	
				Column ID:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Diesel Range Organics [C10-C28]		4.6	U	2.4	4.6
Oil Range Organics (C20-C36)		24	U	12	24

Surrogate	%Rec	Acceptance Limits
o-Terphenyl	76	15 - 154

Analytical Data

Client: Bhate Engineering

Job Number: 680-21161-1
Sdg Number: HOLL012

Client Sample ID: WPOL-SW31

Lab Sample ID:	680-21161-3			Date Sampled:	10/16/2006 0930
Client Matrix:	Solid	% Moisture:	26.6	Date Received:	10/17/2006 0900

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method:	8015B	Analysis Batch: 680-57695		Instrument ID:	GC SemiVolatiles - Q
Preparation:	3550B	Prep Batch: 680-57598		Lab File ID:	q0170046.d
Dilution:	1.0			Initial Weight/Volume:	30.05 g
Date Analyzed:	10/17/2006 2227			Final Weight/Volume:	1.0 mL
Date Prepared:	10/17/2006 1230			Injection Volume:	
				Column ID:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Diesel Range Organics [C10-C28]		4.5	U	2.3	4.5
Oil Range Organics (C20-C36)		23	U	12	23

Surrogate	%Rec	Acceptance Limits
o-Terphenyl	74	15 - 154

General Chemistry

Client Sample ID: WPOL-SW29

Lab Sample ID: 680-21161-1
Client Matrix: Solid

Date Sampled: 10/16/2006 0900
Date Received: 10/17/2006 0900

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	30		%	1.0	1.0	1.0	PercentMoisture
	Anly Batch: 680-57663	Date Analyzed	10/17/2006 1726				
Percent Solids	70		%	1.0	1.0	1.0	PercentMoisture
	Anly Batch: 680-57663	Date Analyzed	10/17/2006 1726				

Client Sample ID: WPOL-SW30

Lab Sample ID: 680-21161-2
Client Matrix: Solid

Date Sampled: 10/16/2006 0915
Date Received: 10/17/2006 0900

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	28		%	1.0	1.0	1.0	PercentMoisture
	Anly Batch: 680-57663	Date Analyzed	10/17/2006 1726				
Percent Solids	72		%	1.0	1.0	1.0	PercentMoisture
	Anly Batch: 680-57663	Date Analyzed	10/17/2006 1726				

Client Sample ID: WPOL-SW31

Lab Sample ID: 680-21161-3
Client Matrix: Solid

Date Sampled: 10/16/2006 0930
Date Received: 10/17/2006 0900

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	27		%	1.0	1.0	1.0	PercentMoisture
	Anly Batch: 680-57663	Date Analyzed	10/17/2006 1726				
Percent Solids	73		%	1.0	1.0	1.0	PercentMoisture
	Anly Batch: 680-57663	Date Analyzed	10/17/2006 1726				

DATA REPORTING QUALIFIERS

Client: Bhate Engineering

Job Number: 680-21161-1
Sdg Number: HOLL012

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Indicates the analyte was analyzed for but not detected.
	*	LCS or LCSD exceeds the control limits
GC/MS Semi VOA		
	U	Indicates the analyte was analyzed for but not detected.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	X	Surrogate exceeds the control limits
GC VOA		
	U	Indicates the analyte was analyzed for but not detected.
GC Semi VOA		
	U	Indicates the analyte was analyzed for but not detected.

Client: Bhate Engineering

Job Number: 680-21161-1
Sdg Number: HOLL012

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Prep Batch: 680-57615					
680-21161-1	WPOL-SW29	T	Solid	5035	
680-21161-2	WPOL-SW30	T	Solid	5035	
680-21161-3	WPOL-SW31	T	Solid	5035	
Analysis Batch:680-57680					
LCS 680-57680/7	Lab Control Spike	T	Water	8260B	
MB 680-57680/8	Method Blank	T	Water	8260B	
680-21161-4	Trip Blank	T	Water	8260B	
Analysis Batch:680-57681					
LCS 680-57681/15	Lab Control Spike	T	Solid	8260B	
MB 680-57681/5	Method Blank	T	Solid	8260B	
680-21161-1	WPOL-SW29	T	Solid	8260B	680-57615
680-21161-2	WPOL-SW30	T	Solid	8260B	680-57615
680-21161-3	WPOL-SW31	T	Solid	8260B	680-57615

Report Basis
T = Total

GC/MS Semi VOA					
Prep Batch: 680-57601					
LCS 680-57601/5-A	Lab Control Spike	T	Solid	3550B	
MB 680-57601/4-A	Method Blank	T	Solid	3550B	
680-21161-1	WPOL-SW29	T	Solid	3550B	
680-21161-2	WPOL-SW30	T	Solid	3550B	
680-21161-3	WPOL-SW31	T	Solid	3550B	
680-21161-3MS	Matrix Spike	T	Solid	3550B	
680-21161-3MSD	Matrix Spike Duplicate	T	Solid	3550B	
Analysis Batch:680-57617					
LCS 680-57601/5-A	Lab Control Spike	T	Solid	8270C	680-57601
MB 680-57601/4-A	Method Blank	T	Solid	8270C	680-57601
680-21161-1	WPOL-SW29	T	Solid	8270C	680-57601
680-21161-2	WPOL-SW30	T	Solid	8270C	680-57601
680-21161-3	WPOL-SW31	T	Solid	8270C	680-57601
680-21161-3MS	Matrix Spike	T	Solid	8270C	680-57601
680-21161-3MSD	Matrix Spike Duplicate	T	Solid	8270C	680-57601

Report Basis
T = Total

Client: Bhate Engineering

Job Number: 680-21161-1
Sdg Number: HOLL012

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC VOA					
Prep Batch: 680-57615					
680-21161-1	WPOL-SW29	T	Solid	5035	
680-21161-2	WPOL-SW30	T	Solid	5035	
680-21161-3	WPOL-SW31	T	Solid	5035	
Analysis Batch:680-57763					
LCS 680-57763/4	Lab Control Spike	T	Solid	8015B	
MB 680-57763/5	Method Blank	T	Solid	8015B	
680-21161-1	WPOL-SW29	T	Solid	8015B	680-57615
680-21161-2	WPOL-SW30	T	Solid	8015B	680-57615
680-21161-3	WPOL-SW31	T	Solid	8015B	680-57615

Report Basis
T = Total

GC Semi VOA					
Prep Batch: 680-57598					
LCS 680-57598/8-A	Lab Control Spike	T	Solid	3550B	
MB 680-57598/7-A	Method Blank	T	Solid	3550B	
680-21161-1	WPOL-SW29	T	Solid	3550B	
680-21161-2	WPOL-SW30	T	Solid	3550B	
680-21161-3	WPOL-SW31	T	Solid	3550B	
Analysis Batch:680-57695					
LCS 680-57598/8-A	Lab Control Spike	T	Solid	8015B	680-57598
MB 680-57598/7-A	Method Blank	T	Solid	8015B	680-57598
680-21161-1	WPOL-SW29	T	Solid	8015B	680-57598
680-21161-2	WPOL-SW30	T	Solid	8015B	680-57598
680-21161-3	WPOL-SW31	T	Solid	8015B	680-57598

Report Basis
T = Total

General Chemistry					
Analysis Batch:680-57663					
680-21161-1	WPOL-SW29	T	Solid	PercentMoisture	
680-21161-2	WPOL-SW30	T	Solid	PercentMoisture	
680-21161-3	WPOL-SW31	T	Solid	PercentMoisture	

Report Basis
T = Total

Client: Bhate Engineering

Job Number: 680-21161-1
Sdg Number: HOLL012

Surrogate Recovery Report

8260B Volatile Organic Compounds by GC/MS

Client Matrix: Solid

Lab Sample ID	Client Sample	(BFB) (%Rec)	(DBFM) (%Rec)	(TOL) (%Rec)
LCS 680-57681/15		98	97	104
MB 680-57681/5		105	105	98
680-21161-1	WPOL-SW29	103	104	100
680-21161-2	WPOL-SW30	106	103	108
680-21161-3	WPOL-SW31	104	104	99

Surrogate		Acceptance Limits
(BFB)	4-Bromofluorobenzene	68 - 121
(DBFM)	Dibromofluoromethane	66 - 127
(TOL)	Toluene-d8 (Surr)	65 - 128

Client: Bhate Engineering

Job Number: 680-21161-1
Sdg Number: HOLL012

Surrogate Recovery Report

8260B Volatile Organic Compounds by GC/MS

Client Matrix: Water

Lab Sample ID	Client Sample	(BFB) (%Rec)	(DBFM) (%Rec)	(TOL) (%Rec)
LCS 680-57680/7		95	91	102
MB 680-57680/8		95	89	100
680-21161-4	Trip Blank	93	88	98

Surrogate		Acceptance Limits
(BFB)	4-Bromofluorobenzene	77 - 120
(DBFM)	Dibromofluoromethane	75 - 123
(TOL)	Toluene-d8 (Surr)	79 - 122

Client: Bhate Engineering

Job Number: 680-21161-1
Sdg Number: HOLL012

Surrogate Recovery Report

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample	(2FP) (%Rec)	(FBP) (%Rec)	(NBZ) (%Rec)	(PHL) (%Rec)	(TBP) (%Rec)	(TPH) (%Rec)
680-21161-3MS	WPOL-SW31	47	53	44	48	64	53
680-21161-3MSD	WPOL-SW31	45	51	40	50	64	52
LCS 680-57601/5-A		77	86	71	79	103	92
MB 680-57601/4-A		77	81	70	79	82	85
680-21161-1	WPOL-SW29	42	46	38	43	48	57
680-21161-2	WPOL-SW30	37	38	32 X	38	40	45
680-21161-3	WPOL-SW31	50	55	45	50	58	60

Surrogate		Acceptance Limits
(2FP)	2-Fluorophenol	36 - 101
(FBP)	2-Fluorobiphenyl	38 - 104
(NBZ)	Nitrobenzene-d5	33 - 94
(PHL)	Phenol-d5	38 - 102
(TBP)	2,4,6-Tribromophenol	27 - 124
(TPH)	Terphenyl-d14	40 - 129

Client: Bhate Engineering

Job Number: 680-21161-1
Sdg Number: HOLL012

Surrogate Recovery Report

8015B Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Client Matrix: Solid

Lab Sample ID	Client Sample	(TFT) (%Rec)
LCS 680-57763/4		96
MB 680-57763/5		92
680-21161-1	WPOL-SW29	88
680-21161-2	WPOL-SW30	86
680-21161-3	WPOL-SW31	87

Surrogate		Acceptance Limits
(TFT)	a,a,a-Trifluorotoluene	61 - 139

Client: Bhate Engineering

Job Number: 680-21161-1
Sdg Number: HOLL012

Surrogate Recovery Report

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Client Matrix: Solid

Lab Sample ID	Client Sample	(OTPH) (%Rec)
LCS 680-57598/8-A		90
MB 680-57598/7-A		97
680-21161-1	WPOL-SW29	74
680-21161-2	WPOL-SW30	76
680-21161-3	WPOL-SW31	74

Surrogate		Acceptance Limits
(OTPH)	o-Terphenyl	15 - 154

Client: Bhate Engineering

Job Number: 680-21161-1
Sdg Number: HOLL012

Method Blank - Batch: 680-57680

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-57680/8
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/18/2006 1247
Date Prepared: 10/18/2006 1247

Analysis Batch: 680-57680
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O
Lab File ID: oq595.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Acetone	25	U	7.3	25
Acetonitrile	40	U	0.23	40
Acrolein	20	U	12	20
Bromobenzene	1.0	U	0.45	1.0
Acrylonitrile	20	U	3.2	20
Bromochloromethane	1.0	U	0.25	1.0
Benzene	1.0	U	0.54	1.0
Dichlorobromomethane	1.0	U	0.42	1.0
Bromoform	1.0	U	0.36	1.0
Methyl bromide	1.0	U	0.93	1.0
Methyl Ethyl Ketone	10	U	0.72	10
n-Butylbenzene	1.0	U	0.38	1.0
Carbon disulfide	2.0	U	0.75	2.0
sec-Butylbenzene	1.0	U	0.60	1.0
Carbon tetrachloride	1.0	U	0.91	1.0
tert-Butylbenzene	1.0	U	0.63	1.0
Chlorobenzene	1.0	U	0.41	1.0
Chloroethane	1.0	U	0.89	1.0
Chloroform	1.0	U	0.52	1.0
Methyl chloride	1.0	U	0.53	1.0
Allyl chloride	1.0	U	0.35	1.0
Dibromochloromethane	1.0	U	0.40	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.65	1.0
1,2-Dibromoethane	1.0	U	0.34	1.0
Methylene bromide	1.0	U	0.33	1.0
o-Chlorotoluene	1.0	U	0.58	1.0
p-Chlorotoluene	1.0	U	0.44	1.0
trans-1,4-Dichloro-2-butene	2.0	U	0.80	2.0
Dichlorodifluoromethane	1.0	U	0.73	1.0
1,1-Dichloroethane	1.0	U	0.56	1.0
1,2-Dichloroethane	1.0	U	0.28	1.0
1,1-Dichlorethylene	1.0	U	0.93	1.0
o-Dichlorobenzene	1.0	U	0.21	1.0
trans-1-2-Dichloroethylene	1.0	U	0.80	1.0
1,2-Dichloropropane	1.0	U	0.26	1.0
m-Dichlorobenzene	1.0	U	0.28	1.0
cis-1,3-Dichloropropene	1.0	U	0.41	1.0
p-Dichlorobenzene	1.0	U	0.44	1.0
trans-1,3-Dichloropropene	1.0	U	0.36	1.0
Ethylbenzene	1.0	U	0.62	1.0
Ethyl methacrylate	1.0	U	0.33	1.0

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Bhate Engineering

Job Number: 680-21161-1
Sdg Number: HOLL012

Method Blank - Batch: 680-57680

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-57680/8
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/18/2006 1247
Date Prepared: 10/18/2006 1247

Analysis Batch: 680-57680
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O
Lab File ID: oq595.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
2-Hexanone	10	U	0.39	10
cis-1,2-Dichloroethylene	1.0	U	0.55	1.0
Methyl iodide	5.0	U	0.96	5.0
Methacrylonitrile	20	U	9.1	20
Methylene Chloride	5.0	U	0.44	5.0
Methyl methacrylate	1.0	U	0.36	1.0
1,3-Dichloropropane	1.0	U	0.31	1.0
4-Methyl-2-pentanone	10	U	0.45	10
2,2-Dichloropropane	1.0	U	0.86	1.0
Pentachloroethane	5.0	U	1.0	5.0
1,1-Dichloropropene	1.0	U	0.80	1.0
Propionitrile	20	U	10	20
Styrene	1.0	U	0.42	1.0
1,1,1,2-Tetrachloroethane	1.0	U	0.53	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.21	1.0
Tetrachloroethylene	1.0	U	0.75	1.0
Hexachlorobutadiene	1.0	U	0.50	1.0
Toluene	1.0	U	0.62	1.0
1,1,1-Trichloroethane	1.0	U	0.79	1.0
1,1,2-Trichloroethane	1.0	U	0.37	1.0
Trichloroethylene	1.0	U	0.71	1.0
Isopropylbenzene	1.0	U	0.66	1.0
Trichlorofluoromethane	1.0	U	0.96	1.0
1,2,3-Trichloropropane	1.0	U	0.44	1.0
p-Isopropyltoluene	1.0	U	0.52	1.0
Vinyl acetate	2.0	U	0.70	2.0
Vinyl chloride	1.0	U	0.92	1.0
Methyl tert-butyl ether	10	U	0.45	10
Naphthalene	5.0	U	0.12	5.0
N-Propylbenzene	1.0	U	0.45	1.0
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2,4-Trichlorobenzene	1.0	U	0.28	1.0
Freon 113	1.0	U	0.10	1.0
1,2,4-Trimethylbenzene	1.0	U	0.44	1.0
1,3,5-Trimethylbenzene	1.0	U	0.49	1.0
o-Xylene	1.0	U	0.49	1.0
m-Xylene & p-Xylene	2.0	U	1.3	2.0
1-Chlorohexane	1.0	U	0.42	1.0
Hexane	5.0	U	5.0	5.0

Surrogate	% Rec	Acceptance Limits

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Bhate Engineering

Job Number: 680-21161-1
Sdg Number: HOLL012

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	95	77 - 120
Dibromofluoromethane	89	75 - 123
Toluene-d8 (Surr)	100	79 - 122

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Bhate Engineering

Job Number: 680-21161-1
Sdg Number: HOLL012

Lab Control Spike - Batch: 680-57680

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 680-57680/7
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/18/2006 1143
Date Prepared: 10/18/2006 1143

Analysis Batch: 680-57680
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O
Lab File ID: oq593.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	100	97.0	97	20 - 183	
Bromobenzene	50.0	48.5	97	55 - 131	
Bromochloromethane	50.0	49.6	99	50 - 154	
Benzene	50.0	50.9	102	74 - 122	
Dichlorobromomethane	50.0	58.6	117	74 - 128	
Bromoform	50.0	53.4	107	64 - 132	
Methyl bromide	50.0	34.2	68	21 - 176	
Methyl Ethyl Ketone	100	102	102	51 - 142	
n-Butylbenzene	50.0	53.2	106	47 - 130	
Carbon disulfide	50.0	41.4	83	60 - 130	
sec-Butylbenzene	50.0	49.3	99	53 - 125	
Carbon tetrachloride	50.0	60.2	120	64 - 137	
tert-Butylbenzene	50.0	49.4	99	51 - 134	
Chlorobenzene	50.0	47.4	95	75 - 123	
Chloroethane	50.0	32.6	65	40 - 171	
Chloroform	50.0	47.8	96	74 - 124	
Methyl chloride	50.0	42.3	85	51 - 133	
Dibromochloromethane	50.0	53.4	107	75 - 126	
1,2-Dibromo-3-Chloropropane	50.0	46.7	93	14 - 147	
1,2-Dibromoethane	50.0	52.6	105	60 - 118	
Methylene bromide	50.0	53.7	107	70 - 130	
o-Chlorotoluene	50.0	49.4	99	53 - 133	
p-Chlorotoluene	50.0	47.9	96	47 - 132	
Dichlorodifluoromethane	50.0	36.4	73	70 - 130	
1,1-Dichloroethane	50.0	45.5	91	70 - 127	
1,2-Dichloroethane	50.0	59.8	120	68 - 130	
1,1-Dichlorethylene	50.0	46.4	93	64 - 132	
o-Dichlorobenzene	50.0	48.6	97	71 - 125	
trans-1-2-Dichloroethylene	50.0	45.9	92	67 - 130	
1,2-Dichloropropane	50.0	52.1	104	74 - 123	
m-Dichlorobenzene	50.0	48.0	96	70 - 125	
cis-1,3-Dichloropropene	50.0	53.6	107	76 - 126	
p-Dichlorobenzene	50.0	48.7	97	65 - 127	
trans-1,3-Dichloropropene	50.0	55.6	111	75 - 126	
Ethylbenzene	50.0	48.7	97	77 - 123	
2-Hexanone	100	115	115	58 - 139	
cis-1,2-Dichloroethylene	50.0	43.0	86	69 - 126	
Methylene Chloride	50.0	43.7	87	67 - 128	
1,3-Dichloropropane	50.0	52.8	106	60 - 125	
4-Methyl-2-pentanone	100	116	116	62 - 130	
2,2-Dichloropropane	50.0	51.0	102	42 - 155	
1,1-Dichloropropene	50.0	54.4	109	70 - 130	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Bhate Engineering

Job Number: 680-21161-1
Sdg Number: HOLL012

Lab Control Spike - Batch: 680-57680

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 680-57680/7
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/18/2006 1143
Date Prepared: 10/18/2006 1143

Analysis Batch: 680-57680
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O
Lab File ID: oq593.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Styrene	50.0	45.9	92	75 - 125	
1,1,1,2-Tetrachloroethane	50.0	51.5	103	62 - 107	
1,1,2,2-Tetrachloroethane	50.0	47.9	96	71 - 127	
Tetrachloroethylene	50.0	48.2	96	70 - 133	
Hexachlorobutadiene	50.0	54.5	109	58 - 133	
Toluene	50.0	50.0	100	75 - 122	
1,1,1-Trichloroethane	50.0	57.8	116	70 - 132	
1,1,2-Trichloroethane	50.0	50.5	101	75 - 122	
Trichloroethylene	50.0	50.8	102	75 - 122	
Isopropylbenzene	50.0	50.0	100	62 - 122	
Trichlorofluoromethane	50.0	54.0	108	74 - 165	
1,2,3-Trichloropropane	50.0	51.1	102	60 - 147	
p-Isopropyltoluene	50.0	50.9	102	58 - 123	
Vinyl acetate	100	102	102	47 - 150	
Vinyl chloride	50.0	40.9	82	59 - 136	
Methyl tert-butyl ether	100	94.4	94	70 - 130	
Naphthalene	50.0	43.1	86	58 - 143	
N-Propylbenzene	50.0	48.5	97	53 - 125	
1,2,3-Trichlorobenzene	50.0	45.6	91	38 - 130	
1,2,4-Trichlorobenzene	50.0	46.6	93	48 - 131	
Freon 113	50.0	44.1	88	70 - 130	
1,2,4-Trimethylbenzene	50.0	50.3	101	53 - 142	
1,3,5-Trimethylbenzene	50.0	50.4	101	50 - 127	
o-Xylene	50.0	47.3	95	76 - 122	
m-Xylene & p-Xylene	100	96.5	97	74 - 123	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	95	77 - 120
Dibromofluoromethane	91	75 - 123
Toluene-d8 (Surr)	102	79 - 122

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Bhate Engineering

Job Number: 680-21161-1
Sdg Number: HOLL012

Method Blank - Batch: 680-57681

Method: 8260B
Preparation: N/A

Lab Sample ID: MB 680-57681/5
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/18/2006 1149
Date Prepared: N/A

Analysis Batch: 680-57681
Prep Batch: N/A
Units: ug/Kg

Instrument ID: GC/MS Volatiles - L
Lab File ID: lq610.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 g

Analyte	Result	Qual	MDL	RL
Acetone	50	U	3.0	50
Acetonitrile	200	U	28	200
Acrolein	100	U	11	100
Bromobenzene	5.0	U	0.93	5.0
Acrylonitrile	100	U	16	100
Bromochloromethane	5.0	U	0.95	5.0
Benzene	5.0	U	0.86	5.0
Dichlorobromomethane	5.0	U	1.0	5.0
Bromoform	5.0	U	2.2	5.0
Methyl bromide	5.0	U	1.3	5.0
Methyl Ethyl Ketone	25	U	4.0	25
n-Butylbenzene	5.0	U	0.99	5.0
Carbon disulfide	5.0	U	1.0	5.0
sec-Butylbenzene	5.0	U	1.1	5.0
Carbon tetrachloride	5.0	U	0.89	5.0
tert-Butylbenzene	5.0	U	1.2	5.0
Chlorobenzene	5.0	U	0.69	5.0
Chloroethane	5.0	U	1.5	5.0
Chloroform	5.0	U	0.88	5.0
Methyl chloride	5.0	U	0.70	5.0
Allyl chloride	5.0	U	1.2	5.0
Chlorodibromomethane	5.0	U	1.1	5.0
1,2-Dibromo-3-Chloropropane	10	U	4.6	10
1,2-Dibromoethane	5.0	U	1.4	5.0
2-Chlorotoluene	5.0	U	1.4	5.0
Methylene bromide	5.0	U	1.3	5.0
4-Chlorotoluene	5.0	U	0.78	5.0
trans-1,4-Dichloro-2-butene	10	U	4.0	10
Dichlorodifluoromethane	5.0	U	2.5	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	1.2	5.0
1,1-Dichloroethylene	5.0	U	1.1	5.0
o-Dichlorobenzene	5.0	U	1.8	5.0
trans-1,2-Dichloroethylene	5.0	U	1.1	5.0
1,2-Dichloropropane	5.0	U	1.3	5.0
m-Dichlorobenzene	5.0	U	1.1	5.0
cis-1,3-Dichloropropene	5.0	U	0.91	5.0
p-Dichlorobenzene	5.0	U	1.4	5.0
trans-1,3-Dichloropropene	5.0	U	1.1	5.0
Ethylbenzene	5.0	U	0.87	5.0
Ethyl methacrylate	5.0	U	0.77	5.0

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Bhate Engineering

Job Number: 680-21161-1
Sdg Number: HOLL012

Method Blank - Batch: 680-57681

Method: 8260B
Preparation: N/A

Lab Sample ID: MB 680-57681/5
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/18/2006 1149
Date Prepared: N/A

Analysis Batch: 680-57681
Prep Batch: N/A
Units: ug/Kg

Instrument ID: GC/MS Volatiles - L
Lab File ID: lq610.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 g

Analyte	Result	Qual	MDL	RL
2-Hexanone	25	U	5.4	25
cis-Dichloroethylene	5.0	U	0.88	5.0
Methyl iodide	5.0	U	1.0	5.0
Methacrylonitrile	100	U	16	100
Methylene Chloride	5.0	U	1.6	5.0
Methyl methacrylate	5.0	U	1.7	5.0
1,3-Dichloropropane	5.0	U	1.2	5.0
4-Methyl-2-pentanone (MIBK)	25	U	5.8	25
2,2-Dichloropropane	5.0	U	1.2	5.0
Pentachloroethane	25	U	4.6	25
1,1-Dichloropropene	5.0	U	1.4	5.0
Propionitrile	100	U	23	100
Styrene	5.0	U	0.85	5.0
1,1,1,2-Tetrachloroethane	5.0	U	1.4	5.0
1,1,2,2-Tetrachloroethane	5.0	U	1.0	5.0
Tetrachloroethylene	5.0	U	1.0	5.0
Hexachlorobutadiene	5.0	U	1.6	5.0
Toluene	5.0	U	1.0	5.0
1,1,1-Trichloroethane	5.0	U	0.85	5.0
1,1,2-Trichloroethane	5.0	U	1.2	5.0
Trichloroethylene	5.0	U	1.2	5.0
Isopropylbenzene	5.0	U	0.99	5.0
Trichlorofluoromethane	5.0	U	1.4	5.0
1,2,3-Trichloropropane	5.0	U	2.7	5.0
p-Isopropyltoluene	5.0	U	1.2	5.0
Vinyl acetate	10	U	1.9	10
Vinyl chloride	5.0	U	0.92	5.0
Methyl tert-butyl ether	50	U	1.8	50
Naphthalene	5.0	U	3.4	5.0
N-Propylbenzene	5.0	U	1.2	5.0
1,2,3-Trichlorobenzene	5.0	U	1.0	5.0
1,2,4-Trichlorobenzene	5.0	U	2.2	5.0
Freon 113	5.0	U	1.0	5.0
1,2,4-Trimethylbenzene	5.0	U	1.0	5.0
1,3,5-Trimethylbenzene	5.0	U	1.3	5.0
o-Xylene	5.0	U	1.4	5.0
m-Xylene & p-Xylene	10	U	2.0	10
1-Chlorohexane	5.0	U	0.78	5.0
Hexane	5.0	U	2.3	5.0

Surrogate	% Rec	Acceptance Limits

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Bhate Engineering

Job Number: 680-21161-1
Sdg Number: HOLL012

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	105	68 - 121
Dibromofluoromethane	105	66 - 127
Toluene-d8 (Surr)	98	65 - 128

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Bhate Engineering

Job Number: 680-21161-1
Sdg Number: HOLL012

Lab Control Spike - Batch: 680-57681

Method: 8260B
Preparation: N/A

Lab Sample ID: LCS 680-57681/15
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/18/2006 1048
Date Prepared: N/A

Analysis Batch: 680-57681
Prep Batch: N/A
Units: ug/Kg

Instrument ID: GC/MS Volatiles - L
Lab File ID: lq608.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 g

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	100	103	103	28 - 143	
Bromobenzene	50.0	49.5	99	77 - 147	
Bromochloromethane	50.0	45.0	90	63 - 136	
Benzene	50.0	35.9	72	79 - 118	*
Dichlorobromomethane	50.0	48.7	97	74 - 128	
Bromoform	50.0	53.2	106	62 - 137	
Methyl bromide	50.0	43.7	87	26 - 160	
Methyl Ethyl Ketone	100	104	104	30 - 149	
n-Butylbenzene	50.0	51.1	102	59 - 120	
Carbon disulfide	50.0	37.7	75	32 - 157	
sec-Butylbenzene	50.0	48.6	97	60 - 128	
Carbon tetrachloride	50.0	49.4	99	62 - 140	
tert-Butylbenzene	50.0	48.6	97	62 - 140	
Chlorobenzene	50.0	48.7	97	81 - 120	
Chloroethane	50.0	44.3	89	20 - 140	
Chloroform	50.0	45.8	92	77 - 125	
Methyl chloride	50.0	47.7	95	42 - 140	
Chlorodibromomethane	50.0	50.9	102	67 - 135	
1,2-Dibromo-3-Chloropropane	50.0	54.9	110	21 - 180	
1,2-Dibromoethane	50.0	51.5	103	76 - 130	
2-Chlorotoluene	50.0	51.1	102	49 - 219	
Methylene bromide	50.0	49.1	98	71 - 134	
4-Chlorotoluene	50.0	46.8	94	45 - 218	
Dichlorodifluoromethane	50.0	43.2	86	70 - 130	
1,1-Dichloroethane	50.0	44.9	90	43 - 157	
1,2-Dichloroethane	50.0	49.8	100	65 - 133	
1,1-Dichloroethylene	50.0	39.9	80	52 - 143	
o-Dichlorobenzene	50.0	48.7	97	81 - 122	
trans-1,2-Dichloroethylene	50.0	40.5	81	35 - 154	
1,2-Dichloropropane	50.0	48.3	97	77 - 118	
m-Dichlorobenzene	50.0	47.7	95	84 - 120	
cis-1,3-Dichloropropene	50.0	49.6	99	71 - 123	
p-Dichlorobenzene	50.0	49.2	98	67 - 133	
trans-1,3-Dichloropropene	50.0	51.2	102	75 - 126	
Ethylbenzene	50.0	49.6	99	82 - 118	
2-Hexanone	100	110	110	30 - 148	
cis-Dichloroethylene	50.0	44.9	90	69 - 131	
Methylene Chloride	50.0	45.0	90	54 - 150	
1,3-Dichloropropane	50.0	49.6	99	73 - 146	
4-Methyl-2-pentanone (MIBK)	100	103	103	29 - 150	
2,2-Dichloropropane	50.0	43.5	87	28 - 187	
1,1-Dichloropropene	50.0	59.8	120	76 - 126	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Bhate Engineering

Job Number: 680-21161-1
Sdg Number: HOLL012

Lab Control Spike - Batch: 680-57681

Method: 8260B
Preparation: N/A

Lab Sample ID: LCS 680-57681/15
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/18/2006 1048
Date Prepared: N/A

Analysis Batch: 680-57681
Prep Batch: N/A
Units: ug/Kg

Instrument ID: GC/MS Volatiles - L
Lab File ID: lq608.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 g

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Styrene	50.0	48.4	97	80 - 118	
1,1,1,2-Tetrachloroethane	50.0	52.6	105	70 - 130	
1,1,2,2-Tetrachloroethane	50.0	49.8	100	64 - 130	
Tetrachloroethylene	50.0	49.5	99	79 - 132	
Hexachlorobutadiene	50.0	50.9	102	29 - 135	
Toluene	50.0	49.5	99	80 - 118	
1,1,1-Trichloroethane	50.0	47.1	94	58 - 139	
1,1,2-Trichloroethane	50.0	50.5	101	76 - 120	
Trichloroethylene	50.0	47.6	95	80 - 122	
Isopropylbenzene	50.0	49.0	98	75 - 134	
Trichlorofluoromethane	50.0	47.3	95	38 - 146	
1,2,3-Trichloropropane	50.0	52.0	104	33 - 210	
p-Isopropyltoluene	50.0	50.2	100	39 - 141	
Vinyl acetate	100	102	102	1 - 184	
Vinyl chloride	50.0	46.7	93	34 - 154	
Methyl tert-butyl ether	100	89.0	89	37 - 168	
Naphthalene	50.0	48.9	98	42 - 250	
N-Propylbenzene	50.0	48.7	97	67 - 134	
1,2,3-Trichlorobenzene	50.0	52.3	105	29 - 169	
1,2,4-Trichlorobenzene	50.0	52.7	105	49 - 152	
Freon 113	50.0	33.0	66	70 - 130	*
1,2,4-Trimethylbenzene	50.0	49.4	99	74 - 133	
1,3,5-Trimethylbenzene	50.0	48.2	96	72 - 124	
o-Xylene	50.0	49.2	98	74 - 122	
m-Xylene & p-Xylene	100	98.3	98	74 - 121	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	98	68 - 121
Dibromofluoromethane	97	66 - 127
Toluene-d8 (Surr)	104	65 - 128

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Bhate Engineering

Job Number: 680-21161-1
Sdg Number: HOLL012

Method Blank - Batch: 680-57601

Method: 8270C
Preparation: 3550B

Lab Sample ID: MB 680-57601/4-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/17/2006 1615
Date Prepared: 10/17/2006 1300

Analysis Batch: 680-57617
Prep Batch: 680-57601
Units: ug/Kg

Instrument ID: GC/MS SemiVolatiles - T
Lab File ID: t5486.d
Initial Weight/Volume: 30.00 g
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	Result	Qual	MDL	RL
Acenaphthene	330	U	19	330
Acenaphthylene	330	U	17	330
Anthracene	330	U	23	330
Benzidine	2700	U	83	2700
Benzo[a]anthracene	330	U	31	330
Benzo[a]pyrene	330	U	19	330
Benzo[b]fluoranthene	330	U	26	330
Benzo[g,h,i]perylene	330	U	23	330
Benzoic acid	1700	U	170	1700
Benzo[k]fluoranthene	330	U	36	330
Benzyl alcohol	330	U	38	330
Bis(2-chloroethoxy)methane	330	U	24	330
Bis(2-chloroethyl)ether	330	U	28	330
bis(chloroisopropyl) ether	330	U	35	330
Bis(2-ethylhexyl) phthalate	330	U	38	330
4-Bromophenyl phenyl ether	330	U	31	330
Butyl benzyl phthalate	330	U	27	330
4-Chloroaniline	660	U	26	660
4-Chloro-3-methylphenol	330	U	34	330
2-Chloronaphthalene	330	U	24	330
2-Chlorophenol	330	U	27	330
4-Chlorophenyl phenyl ether	330	U	19	330
Chrysene	330	U	25	330
Dibenz(a,h)anthracene	330	U	24	330
Dibenzofuran	330	U	19	330
1,2-Dichlorobenzene	330	U	23	330
1,3-Dichlorobenzene	330	U	26	330
1,4-Dichlorobenzene	330	U	22	330
3,3'-Dichlorobenzidine	660	U	30	660
2,4-Dichlorophenol	330	U	23	330
Diethyl phthalate	330	U	22	330
2,4-Dimethylphenol	330	U	35	330
Dimethyl phthalate	330	U	19	330
Di-n-butyl phthalate	330	U	28	330
4,6-Dinitro-o-cresol	1700	U	200	1700
2,4-Dinitrophenol	1700	U	170	1700
2,4-Dinitrotoluene	330	U	19	330
2,6-Dinitrotoluene	330	U	33	330
Di-n-octyl phthalate	330	U	31	330
Fluoranthene	330	U	26	330
Fluorene	330	U	22	330

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Bhate Engineering

Job Number: 680-21161-1
Sdg Number: HOLL012

Method Blank - Batch: 680-57601

Method: 8270C
Preparation: 3550B

Lab Sample ID: MB 680-57601/4-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/17/2006 1615
Date Prepared: 10/17/2006 1300

Analysis Batch: 680-57617
Prep Batch: 680-57601
Units: ug/Kg

Instrument ID: GC/MS SemiVolatiles - T
Lab File ID: t5486.d
Initial Weight/Volume: 30.00 g
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	Result	Qual	MDL	RL
Hexachlorobenzene	330	U	26	330
Hexachlorobutadiene	330	U	20	330
Hexachlorocyclopentadiene	330	U	83	330
Hexachloroethane	330	U	20	330
Indeno[1,2,3-cd]pyrene	330	U	26	330
Isophorone	330	U	22	330
2-Methylnaphthalene	330	U	24	330
2-Methylphenol	330	U	30	330
3 & 4 Methylphenol	330	U	29	330
Naphthalene	330	U	19	330
2-Nitroaniline	1700	U	23	1700
3-Nitroaniline	1700	U	33	1700
4-Nitroaniline	1700	U	17	1700
Nitrobenzene	330	U	35	330
2-Nitrophenol	330	U	20	330
4-Nitrophenol	1700	U	210	1700
N-Nitrosodi-n-propylamine	330	U	28	330
N-Nitrosodiphenylamine	330	U	23	330
Pentachlorophenol	1700	U	83	1700
Phenanthrene	330	U	29	330
Phenol	330	U	30	330
Pyrene	330	U	20	330
1,2,4-Trichlorobenzene	330	U	21	330
2,4,5-Trichlorophenol	330	U	32	330
2,4,6-Trichlorophenol	330	U	20	330

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl	81	38 - 104
2-Fluorophenol	77	36 - 101
Nitrobenzene-d5	70	33 - 94
Phenol-d5	79	38 - 102
Terphenyl-d14	85	40 - 129
2,4,6-Tribromophenol	82	27 - 124

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Bhate Engineering

Job Number: 680-21161-1
Sdg Number: HOLL012

Lab Control Spike - Batch: 680-57601

Method: 8270C
Preparation: 3550B

Lab Sample ID: LCS 680-57601/5-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/17/2006 1807
Date Prepared: 10/17/2006 1300

Analysis Batch: 680-57617
Prep Batch: 680-57601
Units: ug/Kg

Instrument ID: GC/MS SemiVolatiles - T
Lab File ID: t5490.d
Initial Weight/Volume: 30.02 g
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	3330	2650	80	36 - 108	
Acenaphthylene	3330	2790	84	41 - 112	
Anthracene	3330	2820	85	46 - 115	
Benzidine	3330	1110	33	1 - 95	J
Benzo[a]anthracene	3330	2860	86	46 - 116	
Benzo[a]pyrene	3330	3170	95	37 - 120	
Benzo[b]fluoranthene	3330	3140	94	35 - 122	
Benzo[g,h,i]perylene	3330	3010	90	41 - 122	
Benzoic acid	3330	1610	48	10 - 94	J
Benzo[k]fluoranthene	3330	2870	86	36 - 124	
Benzyl alcohol	3330	2340	70	30 - 98	
Bis(2-chloroethoxy)methane	3330	2460	74	38 - 106	
Bis(2-chloroethyl)ether	3330	1960	59	30 - 98	
bis(chloroisopropyl) ether	3330	1740	52	16 - 116	
Bis(2-ethylhexyl) phthalate	3330	2650	80	25 - 134	
4-Bromophenyl phenyl ether	3330	2390	72	38 - 106	
Butyl benzyl phthalate	3330	2750	83	43 - 127	
4-Chloroaniline	3330	2180	65	7 - 103	
4-Chloro-3-methylphenol	3330	2710	81	39 - 113	
2-Chloronaphthalene	3330	2590	78	41 - 110	
2-Chlorophenol	3330	2410	72	36 - 99	
4-Chlorophenyl phenyl ether	3330	2750	83	42 - 111	
Chrysene	3330	2860	86	46 - 118	
Dibenz(a,h)anthracene	3330	3050	91	41 - 124	
Dibenzofuran	3330	2660	80	44 - 108	
1,2-Dichlorobenzene	3330	2270	68	35 - 93	
1,3-Dichlorobenzene	3330	2150	65	34 - 90	
1,4-Dichlorobenzene	3330	2190	66	32 - 90	
3,3'-Dichlorobenzidine	3330	2260	68	1 - 118	
2,4-Dichlorophenol	3330	2710	81	43 - 108	
Diethyl phthalate	3330	2710	81	41 - 118	
2,4-Dimethylphenol	3330	2770	83	40 - 112	
Dimethyl phthalate	3330	2740	82	43 - 114	
Di-n-butyl phthalate	3330	2600	78	35 - 93	
4,6-Dinitro-o-cresol	3330	2190	66	11 - 142	
2,4-Dinitrophenol	3330	1230	37	1 - 131	J
2,4-Dinitrotoluene	3330	3110	93	32 - 128	
2,6-Dinitrotoluene	3330	2960	89	38 - 128	
Di-n-octyl phthalate	3330	2700	81	43 - 129	
Fluoranthene	3330	2800	84	41 - 124	
Fluorene	3330	2800	84	37 - 113	
Hexachlorobenzene	3330	2800	84	46 - 115	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Bhate Engineering

Job Number: 680-21161-1
Sdg Number: HOLL012

Lab Control Spike - Batch: 680-57601

Method: 8270C
Preparation: 3550B

Lab Sample ID: LCS 680-57601/5-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/17/2006 1807
Date Prepared: 10/17/2006 1300

Analysis Batch: 680-57617
Prep Batch: 680-57601
Units: ug/Kg

Instrument ID: GC/MS SemiVolatiles - T
Lab File ID: t5490.d
Initial Weight/Volume: 30.02 g
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Hexachlorobutadiene	3330	2610	78	42 - 105	
Hexachlorocyclopentadiene	3330	2510	75	20 - 109	
Hexachloroethane	3330	1980	59	31 - 88	
Indeno[1,2,3-cd]pyrene	3330	2960	89	36 - 133	
Isophorone	3330	2330	70	37 - 106	
2-Methylnaphthalene	3330	2480	75	39 - 104	
2-Methylphenol	3330	2500	75	38 - 107	
3 & 4 Methylphenol	3330	2450	73	37 - 106	
Naphthalene	3330	2440	73	34 - 97	
2-Nitroaniline	3330	2440	73	38 - 124	
3-Nitroaniline	3330	2620	79	19 - 118	
4-Nitroaniline	3330	2980	89	32 - 130	
Nitrobenzene	3330	2150	65	33 - 106	
2-Nitrophenol	3330	2480	75	38 - 104	
4-Nitrophenol	3330	2560	77	21 - 132	
N-Nitrosodi-n-propylamine	3330	2070	62	24 - 108	
N-Nitrosodiphenylamine	3330	2710	81	16 - 113	
Pentachlorophenol	3330	2730	82	27 - 116	
Phenanthrene	3330	2650	80	47 - 114	
Phenol	3330	2370	71	34 - 98	
Pyrene	3330	2780	84	36 - 128	
1,2,4-Trichlorobenzene	3330	2430	73	36 - 98	
2,4,5-Trichlorophenol	3330	2820	85	46 - 116	
2,4,6-Trichlorophenol	3330	2760	83	44 - 113	

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl	86	38 - 104
2-Fluorophenol	77	36 - 101
Nitrobenzene-d5	71	33 - 94
Phenol-d5	79	38 - 102
Terphenyl-d14	92	40 - 129
2,4,6-Tribromophenol	103	27 - 124

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Bhate Engineering

Job Number: 680-21161-1
Sdg Number: HOLL012

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-57601

Method: 8270C
Preparation: 3550B

MS Lab Sample ID:	680-21161-3	Analysis Batch:	680-57617	Instrument ID:	GC/MS SemiVolatiles - T
Client Matrix:	Solid	Prep Batch:	680-57601	Lab File ID:	t5491.d
Dilution:	1.0			Initial Weight/Volume:	30.09 g
Date Analyzed:	10/17/2006 1835			Final Weight/Volume:	1.0 mL
Date Prepared:	10/17/2006 1300			Injection Volume:	

MSD Lab Sample ID:	680-21161-3	Analysis Batch:	680-57617	Instrument ID:	GC/MS SemiVolatiles - T
Client Matrix:	Solid	Prep Batch:	680-57601	Lab File ID:	t5492.d
Dilution:	1.0			Initial Weight/Volume:	30.00 g
Date Analyzed:	10/17/2006 1903			Final Weight/Volume:	1.0 mL
Date Prepared:	10/17/2006 1300			Injection Volume:	

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acenaphthene	50	49	36 - 108	2	50		
Acenaphthylene	52	51	41 - 112	1	50		
Anthracene	52	53	46 - 115	2	50		
Benzidine	45	46	1 - 95	1	50	J	J
Benzo[a]anthracene	53	53	46 - 116	1	50		
Benzo[a]pyrene	59	60	37 - 120	2	50		
Benzo[b]fluoranthene	54	58	35 - 122	7	50		
Benzo[g,h,i]perylene	57	57	41 - 122	0	50		
Benzoic acid	33	25	10 - 94	25	50	J	J
Benzo[k]fluoranthene	58	56	36 - 124	5	50		
Benzyl alcohol	41	44	30 - 98	6	50		
Bis(2-chloroethoxy)methane	45	45	38 - 106	1	50		
Bis(2-chloroethyl)ether	36	35	30 - 98	3	50		
bis(chloroisopropyl) ether	32	31	16 - 116	1	50		
Bis(2-ethylhexyl) phthalate	48	48	25 - 134	0	50		
4-Bromophenyl phenyl ether	43	44	38 - 106	1	50		
Butyl benzyl phthalate	48	49	43 - 127	1	50		
4-Chloroaniline	49	49	7 - 103	2	50		
4-Chloro-3-methylphenol	49	52	39 - 113	6	50		
2-Chloronaphthalene	48	47	41 - 110	2	50		
2-Chlorophenol	43	43	36 - 99	0	50		
4-Chlorophenyl phenyl ether	52	52	42 - 111	0	50		
Chrysene	53	53	46 - 118	0	50		
Dibenz(a,h)anthracene	57	58	41 - 124	1	50		
Dibenzofuran	50	50	44 - 108	1	50		
1,2-Dichlorobenzene	41	40	35 - 93	4	50		
1,3-Dichlorobenzene	39	37	34 - 90	6	50		
1,4-Dichlorobenzene	40	38	32 - 90	4	50		
3,3'-Dichlorobenzidine	53	53	1 - 118	0	50		
2,4-Dichlorophenol	49	51	43 - 108	4	50		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Bhate Engineering

Job Number: 680-21161-1
Sdg Number: HOLL012

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-57601

Method: 8270C
Preparation: 3550B

MS Lab Sample ID:	680-21161-3	Analysis Batch: 680-57617	Instrument ID: GC/MS SemiVolatiles - T
Client Matrix:	Solid	Prep Batch: 680-57601	Lab File ID: t5491.d
Dilution:	1.0		Initial Weight/Volume: 30.09 g
Date Analyzed:	10/17/2006 1835		Final Weight/Volume: 1.0 mL
Date Prepared:	10/17/2006 1300		Injection Volume:

MSD Lab Sample ID:	680-21161-3	Analysis Batch: 680-57617	Instrument ID: GC/MS SemiVolatiles - T
Client Matrix:	Solid	Prep Batch: 680-57601	Lab File ID: t5492.d
Dilution:	1.0		Initial Weight/Volume: 30.00 g
Date Analyzed:	10/17/2006 1903		Final Weight/Volume: 1.0 mL
Date Prepared:	10/17/2006 1300		Injection Volume:

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Diethyl phthalate	50	52	41 - 118	4	50		
2,4-Dimethylphenol	48	50	40 - 112	3	50		
Dimethyl phthalate	51	52	43 - 114	3	50		
Di-n-butyl phthalate	48	50	35 - 93	3	50		
4,6-Dinitro-o-cresol	38	36	11 - 142	6	50	J	J
2,4-Dinitrophenol	20	20	1 - 131	2	50	J	J
2,4-Dinitrotoluene	57	57	32 - 128	1	50		
2,6-Dinitrotoluene	55	56	38 - 128	3	50		
Di-n-octyl phthalate	50	50	43 - 129	0	50		
Fluoranthene	54	55	41 - 124	2	50		
Fluorene	54	52	37 - 113	2	50		
Hexachlorobenzene	52	52	46 - 115	1	50		
Hexachlorobutadiene	51	44	42 - 105	12	50		
Hexachlorocyclopentadiene	46	42	20 - 109	9	50		
Hexachloroethane	36	35	31 - 88	5	50		
Indeno[1,2,3-cd]pyrene	56	56	36 - 133	0	50		
Isophorone	43	42	37 - 106	0	50		
2-Methylnaphthalene	46	45	39 - 104	2	50		
2-Methylphenol	44	47	38 - 107	6	50		
3 & 4 Methylphenol	43	47	37 - 106	8	50		
Naphthalene	46	43	34 - 97	6	50		
2-Nitroaniline	45	45	38 - 124	0	50	J	J
3-Nitroaniline	53	55	19 - 118	3	50		
4-Nitroaniline	56	58	32 - 130	3	50		
Nitrobenzene	40	38	33 - 106	6	50		
2-Nitrophenol	45	44	38 - 104	3	50		
4-Nitrophenol	47	47	21 - 132	1	50	J	J
N-Nitrosodi-n-propylamine	37	39	24 - 108	6	50		
N-Nitrosodiphenylamine	50	51	16 - 113	3	50		
Pentachlorophenol	49	49	27 - 116	2	50	J	J

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Bhate Engineering

Job Number: 680-21161-1
Sdg Number: HOLL012

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-57601

Method: 8270C
Preparation: 3550B

MS Lab Sample ID:	680-21161-3	Analysis Batch:	680-57617	Instrument ID:	GC/MS SemiVolatiles - T
Client Matrix:	Solid	Prep Batch:	680-57601	Lab File ID:	t5491.d
Dilution:	1.0			Initial Weight/Volume:	30.09 g
Date Analyzed:	10/17/2006 1835			Final Weight/Volume:	1.0 mL
Date Prepared:	10/17/2006 1300			Injection Volume:	

MSD Lab Sample ID:	680-21161-3	Analysis Batch:	680-57617	Instrument ID:	GC/MS SemiVolatiles - T
Client Matrix:	Solid	Prep Batch:	680-57601	Lab File ID:	t5492.d
Dilution:	1.0			Initial Weight/Volume:	30.00 g
Date Analyzed:	10/17/2006 1903			Final Weight/Volume:	1.0 mL
Date Prepared:	10/17/2006 1300			Injection Volume:	

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Phenanthrene	49	50	47 - 114	1	50		
Phenol	42	44	34 - 98	5	50		
Pyrene	48	47	36 - 128	1	50		
1,2,4-Trichlorobenzene	46	42	36 - 98	9	50		
2,4,5-Trichlorophenol	52	53	46 - 116	3	50		
2,4,6-Trichlorophenol	50	51	44 - 113	2	50		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
2-Fluorobiphenyl	53	51	38 - 104
2-Fluorophenol	47	45	36 - 101
Nitrobenzene-d5	44	40	33 - 94
Phenol-d5	48	50	38 - 102
Terphenyl-d14	53	52	40 - 129
2,4,6-Tribromophenol	64	64	27 - 124

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Bhate Engineering

Job Number: 680-21161-1
Sdg Number: HOLL012

Matrix Spike/
Matrix Spike Duplicate Data Report - Batch: 680-57601

Method: 8270C
Preparation: 3550B

MS Lab Sample ID: 680-21161-3
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/17/2006 1835
Date Prepared: 10/17/2006 1300

Units: ug/Kg

MSD Lab Sample ID: 680-21161-3
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/17/2006 1903
Date Prepared: 10/17/2006 1300

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Acenaphthene	0.0	U	4530	4540	2250		2210	
Acenaphthylene	0.0	U	4530	4540	2330		2300	
Anthracene	0.0	U	4530	4540	2370		2410	
Benzidine	0.0	U	4530	4540	2060	J	2080	J
Benzo[a]anthracene	0.0	U	4530	4540	2420		2400	
Benzo[a]pyrene	0.0	U	4530	4540	2670		2720	
Benzo[b]fluoranthene	0.0	U	4530	4540	2460		2650	
Benzo[g,h,i]perylene	0.0	U	4530	4540	2580		2570	
Benzoic acid	0.0	U	4530	4540	1480	J	1160	J
Benzo[k]fluoranthene	0.0	U	4530	4540	2640		2530	
Benzyl alcohol	0.0	U	4530	4540	1860		1980	
Bis(2-chloroethoxy)methane	0.0	U	4530	4540	2050		2040	
Bis(2-chloroethyl)ether	0.0	U	4530	4540	1650		1600	
bis(chloroisopropyl) ether	0.0	U	4530	4540	1450		1430	
Bis(2-ethylhexyl) phthalate	0.0	U	4530	4540	2150		2160	
4-Bromophenyl phenyl ether	0.0	U	4530	4540	1970		1980	
Butyl benzyl phthalate	0.0	U	4530	4540	2190		2210	
4-Chloroaniline	0.0	U	4530	4540	2200		2240	
4-Chloro-3-methylphenol	0.0	U	4530	4540	2230		2370	
2-Chloronaphthalene	0.0	U	4530	4540	2180		2130	
2-Chlorophenol	0.0	U	4530	4540	1960		1970	
4-Chlorophenyl phenyl ether	0.0	U	4530	4540	2370		2380	
Chrysene	0.0	U	4530	4540	2420		2420	
Dibenz(a,h)anthracene	0.0	U	4530	4540	2590		2610	
Dibenzofuran	0.0	U	4530	4540	2270		2260	
1,2-Dichlorobenzene	0.0	U	4530	4540	1870		1790	
1,3-Dichlorobenzene	0.0	U	4530	4540	1770		1670	
1,4-Dichlorobenzene	0.0	U	4530	4540	1810		1730	
3,3'-Dichlorobenzidine	0.0	U	4530	4540	2420		2420	
2,4-Dichlorophenol	0.0	U	4530	4540	2240		2320	
Diethyl phthalate	0.0	U	4530	4540	2280		2360	
2,4-Dimethylphenol	0.0	U	4530	4540	2190		2260	
Dimethyl phthalate	0.0	U	4530	4540	2310		2380	
Di-n-butyl phthalate	0.0	U	4530	4540	2190		2260	
4,6-Dinitro-o-cresol	0.0	U	4530	4540	1720	J	1620	J
2,4-Dinitrophenol	0.0	U	4530	4540	921	J	903	J
2,4-Dinitrotoluene	0.0	U	4530	4540	2580		2600	
2,6-Dinitrotoluene	0.0	U	4530	4540	2480		2550	
Di-n-octyl phthalate	0.0	U	4530	4540	2260		2250	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Bhate Engineering

Job Number: 680-21161-1
Sdg Number: HOLL012

Matrix Spike/
Matrix Spike Duplicate Data Report - Batch: 680-57601

Method: 8270C
Preparation: 3550B

MS Lab Sample ID: 680-21161-3
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/17/2006 1835
Date Prepared: 10/17/2006 1300

Units: ug/Kg

MSD Lab Sample ID: 680-21161-3
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/17/2006 1903
Date Prepared: 10/17/2006 1300

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Fluoranthene	0.0	U	4530	4540	2460		2520	
Fluorene	0.0	U	4530	4540	2420		2380	
Hexachlorobenzene	0.0	U	4530	4540	2330		2360	
Hexachlorobutadiene	0.0	U	4530	4540	2290		2020	
Hexachlorocyclopentadiene	0.0	U	4530	4540	2070		1900	
Hexachloroethane	0.0	U	4530	4540	1640		1570	
Indeno[1,2,3-cd]pyrene	0.0	U	4530	4540	2550		2560	
Isophorone	0.0	U	4530	4540	1940		1930	
2-Methylnaphthalene	0.0	U	4530	4540	2090		2040	
2-Methylphenol	0.0	U	4530	4540	1990		2120	
3 & 4 Methylphenol	0.0	U	4530	4540	1960		2110	
Naphthalene	0.0	U	4530	4540	2060		1950	
2-Nitroaniline	0.0	U	4530	4540	2040	J	2050	J
3-Nitroaniline	0.0	U	4530	4540	2410		2480	
4-Nitroaniline	0.0	U	4530	4540	2540		2620	
Nitrobenzene	0.0	U	4530	4540	1830		1720	
2-Nitrophenol	0.0	U	4530	4540	2040		1990	
4-Nitrophenol	0.0	U	4530	4540	2120	J	2140	J
N-Nitrosodi-n-propylamine	0.0	U	4530	4540	1680		1780	
N-Nitrosodiphenylamine	0.0	U	4530	4540	2250		2330	
Pentachlorophenol	0.0	U	4530	4540	2200	J	2240	J
Phenanthrene	0.0	U	4530	4540	2240		2270	
Phenol	0.0	U	4530	4540	1900		2000	
Pyrene	0.0	U	4530	4540	2160		2130	
1,2,4-Trichlorobenzene	0.0	U	4530	4540	2090		1900	
2,4,5-Trichlorophenol	0.0	U	4530	4540	2340		2410	
2,4,6-Trichlorophenol	0.0	U	4530	4540	2280		2320	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Bhate Engineering

Job Number: 680-21161-1
Sdg Number: HOLL012

Method Blank - Batch: 680-57763

Method: 8015B
Preparation: N/A

Lab Sample ID: MB 680-57763/5
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/18/2006 1016
Date Prepared: N/A

Analysis Batch: 680-57763
Prep Batch: N/A
Units: mg/Kg

Instrument ID: GC Volatiles - A
Lab File ID: PC18A4.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 g
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	MDL	RL
Gasoline Range Organics (GRO)-C6-C10	0.25	U	0.082	0.25

Surrogate	% Rec	Acceptance Limits
a,a,a-Trifluorotoluene	92	61 - 139

Lab Control Spike - Batch: 680-57763

Method: 8015B
Preparation: N/A

Lab Sample ID: LCS 680-57763/4
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/18/2006 0938
Date Prepared: N/A

Analysis Batch: 680-57763
Prep Batch: N/A
Units: mg/Kg

Instrument ID: GC Volatiles - A
Lab File ID: PC18A3.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 g
Injection Volume:
Column ID: PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Gasoline Range Organics (GRO)-C6-C10	1.00	0.972	97	40 - 140	

Surrogate	% Rec	Acceptance Limits
a,a,a-Trifluorotoluene	96	61 - 139

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Bhate Engineering

Job Number: 680-21161-1
Sdg Number: HOLL012

Method Blank - Batch: 680-57598

Method: 8015B
Preparation: 3550B

Lab Sample ID: MB 680-57598/7-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/17/2006 1929
Date Prepared: 10/17/2006 1230

Analysis Batch: 680-57695
Prep Batch: 680-57598
Units: mg/Kg

Instrument ID: GC SemiVolatiles - Q
Lab File ID: q0170036.d
Initial Weight/Volume: 30.00 g
Final Weight/Volume: 1.0 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	MDL	RL
Diesel Range Organics [C10-C28]	3.3	U	1.7	3.3
Oil Range Organics (C20-C36)	17	U	8.5	17

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	97	15 - 154

Lab Control Spike - Batch: 680-57598

Method: 8015B
Preparation: 3550B

Lab Sample ID: LCS 680-57598/8-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/17/2006 1947
Date Prepared: 10/17/2006 1230

Analysis Batch: 680-57695
Prep Batch: 680-57598
Units: mg/Kg

Instrument ID: GC SemiVolatiles - Q
Lab File ID: q0170037.d
Initial Weight/Volume: 30.06 g
Final Weight/Volume: 1.0 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Diesel Range Organics [C10-C28]	33.3	33.2	100	40 - 140	

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	90	15 - 154

Calculations are performed before rounding to avoid round-off errors in calculated results.

BHATE

Environmental Engineers and Scientists

Chain of Custody and Analytical Request

Page 1 of 1

Project Number: 9040238.11.01

P.0. NA

LIMS Number: NA

Facility/Base I.D.: HOLMN

Project Name / Site Name: West POL

Client Name: USACE

Collected by: T Lucero

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+Hexane	SVOCs 8270	8015B Carbon Chain						MATRIX DESCRIPTION	Cooler ID
									Sample Analysis Requested (5)									Quality Assurance Samples (6)	
WPOL-SW29	W-POL	16-Oct-06	0900	3'	4'	N	1	SO	8	[1]	[1]	[1]						Confirmation Sidewall Samples	1
WPOL-SW30	W-POL	16-Oct-06	0915	3'	4'	N	1	SO	8	[1]	[1]	[1]						Confirmation Sidewall Samples	1
WPOL-SW31	W-POL	16-Oct-06	0930	3'	4'	N	1	SO	8	[1]	[1]	[1]						Confirmation Sidewall Samples	1
Trip Blank			0900			TB			1	[1]								Trip Blank	1

STL
5102 La Roche Ave
Savanna GA 31404

Email results to: rrenvironmental@zianet.com, mdauben@bhate.com, keving@zianet.com

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1. [signature]	10/16/2006	@ 1600	1. [signature]	10/16/06	0122
2.			2.		
3.			3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab:		Shipped No.:	
Method of Shipment:	Fed Ex	Airbill Number:	
Analytical Lab:	STL	Delivery Location:	Savanna GA
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

TEMP.: 3.0

680-21161

LOGIN SAMPLE RECEIPT CHECK LIST

Client: Bhate Engineering

Job Number: 680-21161-1
Sdg Number: HOLL012

Login Number: 21161

Question	T/F/NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	NA	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	NA	
Samples do not require splitting or compositing.	NA	

ANALYTICAL REPORT

Job Number: 680-21196-1

SDG Number: HOLL013

Job Description: HOLLOMAN AFB

For:
Bhate Engineering
1608 13th Avenue South
Suite 300
Birmingham, AL 35205

Attention: Judy Solomon

Linda Wolfe
Project Manager I
lwolfe@stl-inc.com
10/20/2006

Project Manager: Linda Wolfe

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the STL Project Manager who signed this report.

EXECUTIVE SUMMARY - Detections

Client: Bhate Engineering

Job Number: 680-21196-1
Sdg Number: HOLL013

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
680-21196-1	**WPOL-SW23A**					
Diesel Range Organics [C10-C28]		20		4.3	mg/Kg	8015B
Percent Moisture		24		1.0	%	PercentMoisture
Percent Solids		76		1.0	%	PercentMoisture
680-21196-2	**WPOL-SW23B**					
Diesel Range Organics [C10-C28]		3.7	J	4.3	mg/Kg	8015B
Percent Moisture		23		1.0	%	PercentMoisture
Percent Solids		77		1.0	%	PercentMoisture
680-21196-3	**WPOL-SW23C**					
Percent Moisture		24		1.0	%	PercentMoisture
Percent Solids		76		1.0	%	PercentMoisture

METHOD SUMMARY

Client: Bhate Engineering

Job Number: 680-21196-1
Sdg Number: HOLL013

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds by GC/MS	STL SAV	SW846 8260B	
Closed System Purge & Trap/Field Preservation	STL SAV		SW846 5035
Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	STL SAV	SW846 8270C	
Ultrasonic Extraction	STL SAV		SW846 3550B
Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)	STL SAV	SW846 8015B	
Closed System Purge & Trap/Field Preservation	STL SAV		SW846 5035
Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)	STL SAV	SW846 8015B	
Ultrasonic Extraction	STL SAV		SW846 3550B
Percent Moisture	STL SAV	EPA PercentMoisture	
Matrix: Water			
Volatile Organic Compounds by GC/MS	STL SAV	SW846 8260B	
Purge-and-Trap	STL SAV		SW846 5030B

LAB REFERENCES:

STL SAV = STL Savannah

METHOD REFERENCES:

EPA - US Environmental Protection Agency

SW846 - "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

SAMPLE SUMMARY

Client: Bhate Engineering

Job Number: 680-21196-1
Sdg Number: HOLL013

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
680-21196-1	WPOL-SW23A	Solid	10/17/2006 1100	10/18/2006 0905
680-21196-2	WPOL-SW23B	Solid	10/17/2006 1115	10/18/2006 0905
680-21196-3	WPOL-SW23C	Solid	10/17/2006 1130	10/18/2006 0905
680-21196-4TB	Trip Blank	Water	10/17/2006 1100	10/18/2006 0905

Analytical Data

Client: Bhate Engineering

Job Number: 680-21196-1
Sdg Number: HOLL013

Client Sample ID: **WPOL-SW23A**

Lab Sample ID: 680-21196-1
Client Matrix: Solid
% Moisture: 23.6
Date Sampled: 10/17/2006 1100
Date Received: 10/18/2006 0905

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5035
Dilution: 1.0
Date Analyzed: 10/18/2006 1452
Date Prepared: 10/18/2006 1150

Analysis Batch: 680-57681
Prep Batch: 680-57715

Instrument ID: GC/MS Volatiles - L
Lab File ID: I1119.d
Initial Weight/Volume: 5.8 g
Final Weight/Volume: 5 g

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		56	U	3.4	56
Acetonitrile		230	U	32	230
Acrolein		110	U	12	110
Bromobenzene		5.6	U	1.0	5.6
Bromochloromethane		5.6	U	1.1	5.6
Acrylonitrile		110	U	18	110
Benzene		5.6	U *	0.97	5.6
Dichlorobromomethane		5.6	U	1.1	5.6
Bromoform		5.6	U	2.5	5.6
Methyl bromide		5.6	U	1.5	5.6
n-Butylbenzene		5.6	U	1.1	5.6
Methyl Ethyl Ketone		28	U	4.5	28
Carbon disulfide		5.6	U	1.1	5.6
sec-Butylbenzene		5.6	U	1.2	5.6
Carbon tetrachloride		5.6	U	1.0	5.6
tert-Butylbenzene		5.6	U	1.4	5.6
Chlorobenzene		5.6	U	0.78	5.6
Chloroethane		5.6	U	1.7	5.6
Chloroform		5.6	U	0.99	5.6
Methyl chloride		5.6	U	0.79	5.6
Allyl chloride		5.6	U	1.4	5.6
Chlorodibromomethane		5.6	U	1.2	5.6
1,2-Dibromo-3-Chloropropane		11	U	5.2	11
1,2-Dibromoethane		5.6	U	1.6	5.6
2-Chlorotoluene		5.6	U	1.6	5.6
Methylene bromide		5.6	U	1.5	5.6
trans-1,4-Dichloro-2-butene		11	U	4.5	11
4-Chlorotoluene		5.6	U	0.88	5.6
Dichlorodifluoromethane		5.6	U	2.8	5.6
1,1-Dichloroethane		5.6	U	1.1	5.6
1,2-Dichloroethane		5.6	U	1.4	5.6
1,1-Dichloroethylene		5.6	U	1.2	5.6
o-Dichlorobenzene		5.6	U	2.0	5.6
trans-1,2-Dichloroethylene		5.6	U	1.2	5.6
m-Dichlorobenzene		5.6	U	1.2	5.6
1,2-Dichloropropane		5.6	U	1.5	5.6
cis-1,3-Dichloropropene		5.6	U	1.0	5.6
p-Dichlorobenzene		5.6	U	1.6	5.6
trans-1,3-Dichloropropene		5.6	U	1.2	5.6
Ethylbenzene		5.6	U	0.98	5.6
Ethyl methacrylate		5.6	U	0.87	5.6
2-Hexanone		28	U	6.1	28
Methyl iodide		5.6	U	1.1	5.6

Analytical Data

Client: Bhate Engineering

Job Number: 680-21196-1
Sdg Number: HOLL013

Client Sample ID: **WPOL-SW23A**

Lab Sample ID: 680-21196-1
Client Matrix: Solid
% Moisture: 23.6
Date Sampled: 10/17/2006 1100
Date Received: 10/18/2006 0905

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5035
Dilution: 1.0
Date Analyzed: 10/18/2006 1452
Date Prepared: 10/18/2006 1150

Analysis Batch: 680-57681
Prep Batch: 680-57715

Instrument ID: GC/MS Volatiles - L
Lab File ID: I1119.d
Initial Weight/Volume: 5.8 g
Final Weight/Volume: 5 g

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
cis-Dichloroethylene		5.6	U	0.99	5.6
Methacrylonitrile		110	U	18	110
Methylene Chloride		5.6	U	1.8	5.6
Methyl methacrylate		5.6	U	1.9	5.6
1,3-Dichloropropane		5.6	U	1.4	5.6
4-Methyl-2-pentanone (MIBK)		28	U	6.5	28
Pentachloroethane		28	U	5.2	28
2,2-Dichloropropane		5.6	U	1.4	5.6
Propionitrile		110	U	26	110
1,1-Dichloropropene		5.6	U	1.6	5.6
Styrene		5.6	U	0.96	5.6
1,1,1,2-Tetrachloroethane		5.6	U	1.6	5.6
1,1,2,2-Tetrachloroethane		5.6	U	1.1	5.6
Tetrachloroethylene		5.6	U	1.1	5.6
Toluene		5.6	U	1.1	5.6
Hexachlorobutadiene		5.6	U	1.8	5.6
1,1,1-Trichloroethane		5.6	U	0.96	5.6
1,1,2-Trichloroethane		5.6	U	1.4	5.6
Trichloroethylene		5.6	U	1.4	5.6
Isopropylbenzene		5.6	U	1.1	5.6
Trichlorofluoromethane		5.6	U	1.6	5.6
1,2,3-Trichloropropane		5.6	U	3.0	5.6
p-Isopropyltoluene		5.6	U	1.4	5.6
Vinyl acetate		11	U	2.1	11
Vinyl chloride		5.6	U	1.0	5.6
Methyl tert-butyl ether		56	U	2.0	56
Naphthalene		5.6	U	3.8	5.6
N-Propylbenzene		5.6	U	1.4	5.6
1,2,3-Trichlorobenzene		5.6	U	1.1	5.6
1,2,4-Trichlorobenzene		5.6	U	2.5	5.6
Freon 113		5.6	U *	1.1	5.6
1,2,4-Trimethylbenzene		5.6	U	1.1	5.6
1,3,5-Trimethylbenzene		5.6	U	1.5	5.6
o-Xylene		5.6	U	1.6	5.6
m-Xylene & p-Xylene		11	U	2.3	11
1-Chlorohexane		5.6	U	0.88	5.6
Hexane		5.6	U	2.6	5.6

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	106	68 - 121
Dibromofluoromethane	108	66 - 127
Toluene-d8 (Surr)	105	65 - 128

Analytical Data

Client: Bhate Engineering

Job Number: 680-21196-1
Sdg Number: HOLL013

Client Sample ID: **WPOL-SW23B**

Lab Sample ID: 680-21196-2
Client Matrix: Solid
% Moisture: 23.0
Date Sampled: 10/17/2006 1115
Date Received: 10/18/2006 0905

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5035
Dilution: 1.0
Date Analyzed: 10/18/2006 1512
Date Prepared: 10/18/2006 1150

Analysis Batch: 680-57681
Prep Batch: 680-57715

Instrument ID: GC/MS Volatiles - L
Lab File ID: I1120.d
Initial Weight/Volume: 5.3 g
Final Weight/Volume: 5 g

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		61	U	3.7	61
Acetonitrile		250	U	34	250
Acrolein		120	U	13	120
Bromobenzene		6.1	U	1.1	6.1
Bromochloromethane		6.1	U	1.2	6.1
Acrylonitrile		120	U	19	120
Benzene		6.1	U *	1.1	6.1
Dichlorobromomethane		6.1	U	1.2	6.1
Bromoform		6.1	U	2.7	6.1
Methyl bromide		6.1	U	1.6	6.1
n-Butylbenzene		6.1	U	1.2	6.1
Methyl Ethyl Ketone		31	U	4.9	31
Carbon disulfide		6.1	U	1.2	6.1
sec-Butylbenzene		6.1	U	1.3	6.1
Carbon tetrachloride		6.1	U	1.1	6.1
tert-Butylbenzene		6.1	U	1.5	6.1
Chlorobenzene		6.1	U	0.85	6.1
Chloroethane		6.1	U	1.8	6.1
Chloroform		6.1	U	1.1	6.1
Methyl chloride		6.1	U	0.86	6.1
Allyl chloride		6.1	U	1.5	6.1
Chlorodibromomethane		6.1	U	1.3	6.1
1,2-Dibromo-3-Chloropropane		12	U	5.6	12
1,2-Dibromoethane		6.1	U	1.7	6.1
2-Chlorotoluene		6.1	U	1.7	6.1
Methylene bromide		6.1	U	1.6	6.1
trans-1,4-Dichloro-2-butene		12	U	4.9	12
4-Chlorotoluene		6.1	U	0.96	6.1
Dichlorodifluoromethane		6.1	U	3.1	6.1
1,1-Dichloroethane		6.1	U	1.2	6.1
1,2-Dichloroethane		6.1	U	1.5	6.1
1,1-Dichloroethylene		6.1	U	1.3	6.1
o-Dichlorobenzene		6.1	U	2.2	6.1
trans-1,2-Dichloroethylene		6.1	U	1.3	6.1
m-Dichlorobenzene		6.1	U	1.3	6.1
1,2-Dichloropropane		6.1	U	1.6	6.1
cis-1,3-Dichloropropene		6.1	U	1.1	6.1
p-Dichlorobenzene		6.1	U	1.7	6.1
trans-1,3-Dichloropropene		6.1	U	1.3	6.1
Ethylbenzene		6.1	U	1.1	6.1
Ethyl methacrylate		6.1	U	0.94	6.1
2-Hexanone		31	U	6.6	31
Methyl iodide		6.1	U	1.2	6.1

Analytical Data

Client: Bhate Engineering

Job Number: 680-21196-1
Sdg Number: HOLL013

Client Sample ID: **WPOL-SW23B**

Lab Sample ID: 680-21196-2
Client Matrix: Solid
% Moisture: 23.0
Date Sampled: 10/17/2006 1115
Date Received: 10/18/2006 0905

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5035
Dilution: 1.0
Date Analyzed: 10/18/2006 1512
Date Prepared: 10/18/2006 1150

Analysis Batch: 680-57681
Prep Batch: 680-57715

Instrument ID: GC/MS Volatiles - L
Lab File ID: I1120.d
Initial Weight/Volume: 5.3 g
Final Weight/Volume: 5 g

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
cis-Dichloroethylene		6.1	U	1.1	6.1
Methacrylonitrile		120	U	20	120
Methylene Chloride		6.1	U	2.0	6.1
Methyl methacrylate		6.1	U	2.0	6.1
1,3-Dichloropropane		6.1	U	1.5	6.1
4-Methyl-2-pentanone (MIBK)		31	U	7.1	31
Pentachloroethane		31	U	5.6	31
2,2-Dichloropropane		6.1	U	1.5	6.1
Propionitrile		120	U	28	120
1,1-Dichloropropene		6.1	U	1.7	6.1
Styrene		6.1	U	1.0	6.1
1,1,1,2-Tetrachloroethane		6.1	U	1.7	6.1
1,1,2,2-Tetrachloroethane		6.1	U	1.2	6.1
Tetrachloroethylene		6.1	U	1.2	6.1
Toluene		6.1	U	1.2	6.1
Hexachlorobutadiene		6.1	U	2.0	6.1
1,1,1-Trichloroethane		6.1	U	1.0	6.1
1,1,2-Trichloroethane		6.1	U	1.5	6.1
Trichloroethylene		6.1	U	1.5	6.1
Isopropylbenzene		6.1	U	1.2	6.1
Trichlorofluoromethane		6.1	U	1.7	6.1
1,2,3-Trichloropropane		6.1	U	3.3	6.1
p-Isopropyltoluene		6.1	U	1.5	6.1
Vinyl acetate		12	U	2.3	12
Vinyl chloride		6.1	U	1.1	6.1
Methyl tert-butyl ether		61	U	2.2	61
Naphthalene		6.1	U	4.2	6.1
N-Propylbenzene		6.1	U	1.5	6.1
1,2,3-Trichlorobenzene		6.1	U	1.2	6.1
1,2,4-Trichlorobenzene		6.1	U	2.7	6.1
Freon 113		6.1	U *	1.2	6.1
1,2,4-Trimethylbenzene		6.1	U	1.2	6.1
1,3,5-Trimethylbenzene		6.1	U	1.6	6.1
o-Xylene		6.1	U	1.7	6.1
m-Xylene & p-Xylene		12	U	2.5	12
1-Chlorohexane		6.1	U	0.96	6.1
Hexane		6.1	U	2.8	6.1

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	104	68 - 121
Dibromofluoromethane	102	66 - 127
Toluene-d8 (Surr)	109	65 - 128

Analytical Data

Client: Bhate Engineering

Job Number: 680-21196-1
Sdg Number: HOLL013

Client Sample ID: **WPOL-SW23C**

Lab Sample ID: 680-21196-3
Client Matrix: Solid
% Moisture: 24.4
Date Sampled: 10/17/2006 1130
Date Received: 10/18/2006 0905

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5035
Dilution: 1.0
Date Analyzed: 10/18/2006 1533
Date Prepared: 10/18/2006 1150

Analysis Batch: 680-57681
Prep Batch: 680-57715

Instrument ID: GC/MS Volatiles - L
Lab File ID: I1121.d
Initial Weight/Volume: 6.0 g
Final Weight/Volume: 5 g

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acetone		55	U	3.3	55
Acetonitrile		220	U	31	220
Acrolein		110	U	12	110
Bromobenzene		5.5	U	1.0	5.5
Bromochloromethane		5.5	U	1.0	5.5
Acrylonitrile		110	U	17	110
Benzene		5.5	U *	0.95	5.5
Dichlorobromomethane		5.5	U	1.1	5.5
Bromoform		5.5	U	2.4	5.5
Methyl bromide		5.5	U	1.4	5.5
n-Butylbenzene		5.5	U	1.1	5.5
Methyl Ethyl Ketone		28	U	4.4	28
Carbon disulfide		5.5	U	1.1	5.5
sec-Butylbenzene		5.5	U	1.2	5.5
Carbon tetrachloride		5.5	U	0.98	5.5
tert-Butylbenzene		5.5	U	1.3	5.5
Chlorobenzene		5.5	U	0.76	5.5
Chloroethane		5.5	U	1.7	5.5
Chloroform		5.5	U	0.97	5.5
Methyl chloride		5.5	U	0.77	5.5
Allyl chloride		5.5	U	1.3	5.5
Chlorodibromomethane		5.5	U	1.2	5.5
1,2-Dibromo-3-Chloropropane		11	U	5.1	11
1,2-Dibromoethane		5.5	U	1.5	5.5
2-Chlorotoluene		5.5	U	1.5	5.5
Methylene bromide		5.5	U	1.4	5.5
trans-1,4-Dichloro-2-butene		11	U	4.4	11
4-Chlorotoluene		5.5	U	0.86	5.5
Dichlorodifluoromethane		5.5	U	2.8	5.5
1,1-Dichloroethane		5.5	U	1.1	5.5
1,2-Dichloroethane		5.5	U	1.3	5.5
1,1-Dichloroethylene		5.5	U	1.2	5.5
o-Dichlorobenzene		5.5	U	2.0	5.5
trans-1,2-Dichloroethylene		5.5	U	1.2	5.5
m-Dichlorobenzene		5.5	U	1.2	5.5
1,2-Dichloropropane		5.5	U	1.4	5.5
cis-1,3-Dichloropropene		5.5	U	1.0	5.5
p-Dichlorobenzene		5.5	U	1.5	5.5
trans-1,3-Dichloropropene		5.5	U	1.2	5.5
Ethylbenzene		5.5	U	0.96	5.5
Ethyl methacrylate		5.5	U	0.85	5.5
2-Hexanone		28	U	6.0	28
Methyl iodide		5.5	U	1.1	5.5

Analytical Data

Client: Bhate Engineering

Job Number: 680-21196-1
Sdg Number: HOLL013

Client Sample ID: **WPOL-SW23C**

Lab Sample ID: 680-21196-3
Client Matrix: Solid
% Moisture: 24.4
Date Sampled: 10/17/2006 1130
Date Received: 10/18/2006 0905

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5035
Dilution: 1.0
Date Analyzed: 10/18/2006 1533
Date Prepared: 10/18/2006 1150

Analysis Batch: 680-57681
Prep Batch: 680-57715

Instrument ID: GC/MS Volatiles - L
Lab File ID: I1121.d
Initial Weight/Volume: 6.0 g
Final Weight/Volume: 5 g

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
cis-Dichloroethylene		5.5	U	0.97	5.5
Methacrylonitrile		110	U	18	110
Methylene Chloride		5.5	U	1.8	5.5
Methyl methacrylate		5.5	U	1.8	5.5
1,3-Dichloropropane		5.5	U	1.3	5.5
4-Methyl-2-pentanone (MIBK)		28	U	6.4	28
Pentachloroethane		28	U	5.1	28
2,2-Dichloropropane		5.5	U	1.3	5.5
Propionitrile		110	U	25	110
1,1-Dichloropropene		5.5	U	1.5	5.5
Styrene		5.5	U	0.94	5.5
1,1,1,2-Tetrachloroethane		5.5	U	1.5	5.5
1,1,2,2-Tetrachloroethane		5.5	U	1.1	5.5
Tetrachloroethylene		5.5	U	1.1	5.5
Toluene		5.5	U	1.1	5.5
Hexachlorobutadiene		5.5	U	1.8	5.5
1,1,1-Trichloroethane		5.5	U	0.94	5.5
1,1,2-Trichloroethane		5.5	U	1.3	5.5
Trichloroethylene		5.5	U	1.3	5.5
Isopropylbenzene		5.5	U	1.1	5.5
Trichlorofluoromethane		5.5	U	1.5	5.5
1,2,3-Trichloropropane		5.5	U	3.0	5.5
p-Isopropyltoluene		5.5	U	1.3	5.5
Vinyl acetate		11	U	2.1	11
Vinyl chloride		5.5	U	1.0	5.5
Methyl tert-butyl ether		55	U	2.0	55
Naphthalene		5.5	U	3.7	5.5
N-Propylbenzene		5.5	U	1.3	5.5
1,2,3-Trichlorobenzene		5.5	U	1.1	5.5
1,2,4-Trichlorobenzene		5.5	U	2.4	5.5
Freon 113		5.5	U *	1.1	5.5
1,2,4-Trimethylbenzene		5.5	U	1.1	5.5
1,3,5-Trimethylbenzene		5.5	U	1.4	5.5
o-Xylene		5.5	U	1.5	5.5
m-Xylene & p-Xylene		11	U	2.2	11
1-Chlorohexane		5.5	U	0.86	5.5
Hexane		5.5	U	2.5	5.5

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	107	68 - 121
Dibromofluoromethane	105	66 - 127
Toluene-d8 (Surr)	108	65 - 128

Analytical Data

Client: Bhate Engineering

Job Number: 680-21196-1
Sdg Number: HOLL013

Client Sample ID: **Trip Blank**

Lab Sample ID: 680-21196-4TB
Client Matrix: Water

Date Sampled: 10/17/2006 1100
Date Received: 10/18/2006 0905

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 10/18/2006 1346
Date Prepared: 10/18/2006 1346

Analysis Batch: 680-57680

Instrument ID: GC/MS Volatiles - O
Lab File ID: o1535.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzene	1.0	U	0.54	1.0
Methyl bromide	1.0	U	0.93	1.0
Methyl chloride	1.0	U	0.53	1.0
Allyl chloride	1.0	U	0.35	1.0
Acetone	25	U	7.3	25
Acetonitrile	40	U	0.23	40
Acrolein	20	U	12	20
Bromobenzene	1.0	U	0.45	1.0
Bromochloromethane	1.0	U	0.25	1.0
Acrylonitrile	20	U	3.2	20
Dichlorobromomethane	1.0	U	0.42	1.0
Bromoform	1.0	U	0.36	1.0
n-Butylbenzene	1.0	U	0.38	1.0
Methyl Ethyl Ketone	10	U	0.72	10
Carbon disulfide	2.0	U	0.75	2.0
sec-Butylbenzene	1.0	U	0.60	1.0
Carbon tetrachloride	1.0	U	0.91	1.0
tert-Butylbenzene	1.0	U	0.63	1.0
Chlorobenzene	1.0	U	0.41	1.0
Chloroethane	1.0	U	0.89	1.0
Chloroform	1.0	U	0.52	1.0
Dibromochloromethane	1.0	U	0.40	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.65	1.0
1,2-Dibromoethane	1.0	U	0.34	1.0
o-Chlorotoluene	1.0	U	0.58	1.0
Methylene bromide	1.0	U	0.33	1.0
trans-1,4-Dichloro-2-butene	2.0	U	0.80	2.0
p-Chlorotoluene	1.0	U	0.44	1.0
Dichlorodifluoromethane	1.0	U	0.73	1.0
1,1-Dichloroethane	1.0	U	0.56	1.0
1,2-Dichloroethane	1.0	U	0.28	1.0
1,1-Dichlorethylene	1.0	U	0.93	1.0
o-Dichlorobenzene	1.0	U	0.21	1.0
trans-1-2-Dichloroethylene	1.0	U	0.80	1.0
m-Dichlorobenzene	1.0	U	0.28	1.0
1,2-Dichloropropane	1.0	U	0.26	1.0
cis-1,3-Dichloropropene	1.0	U	0.41	1.0
p-Dichlorobenzene	1.0	U	0.44	1.0
trans-1,3-Dichloropropene	1.0	U	0.36	1.0
Ethylbenzene	1.0	U	0.62	1.0
Ethyl methacrylate	1.0	U	0.33	1.0
2-Hexanone	10	U	0.39	10
Methyl iodide	5.0	U	0.96	5.0

Client: Bhate Engineering

Job Number: 680-21196-1
Sdg Number: HOLL013

Client Sample ID: **Trip Blank**

Lab Sample ID: 680-21196-4TB
Client Matrix: Water

Date Sampled: 10/17/2006 1100
Date Received: 10/18/2006 0905

8260B Volatile Organic Compounds by GC/MS

Method: 8260B
Preparation: 5030B
Dilution: 1.0
Date Analyzed: 10/18/2006 1346
Date Prepared: 10/18/2006 1346

Analysis Batch: 680-57680

Instrument ID: GC/MS Volatiles - O
Lab File ID: o1535.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	MDL	RL
cis-1,2-Dichloroethylene	1.0	U	0.55	1.0
Methacrylonitrile	20	U	9.1	20
Methylene Chloride	5.0	U	0.44	5.0
Methyl methacrylate	1.0	U	0.36	1.0
1,3-Dichloropropane	1.0	U	0.31	1.0
4-Methyl-2-pentanone	10	U	0.45	10
Pentachloroethane	5.0	U	1.0	5.0
2,2-Dichloropropane	1.0	U	0.86	1.0
Propionitrile	20	U	10	20
1,1-Dichloropropene	1.0	U	0.80	1.0
Styrene	1.0	U	0.42	1.0
1,1,1,2-Tetrachloroethane	1.0	U	0.53	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.21	1.0
Tetrachloroethylene	1.0	U	0.75	1.0
Toluene	1.0	U	0.62	1.0
Hexachlorobutadiene	1.0	U	0.50	1.0
1,1,1-Trichloroethane	1.0	U	0.79	1.0
1,1,2-Trichloroethane	1.0	U	0.37	1.0
Trichloroethylene	1.0	U	0.71	1.0
Isopropylbenzene	1.0	U	0.66	1.0
Trichlorofluoromethane	1.0	U	0.96	1.0
1,2,3-Trichloropropane	1.0	U	0.44	1.0
p-Isopropyltoluene	1.0	U	0.52	1.0
Vinyl acetate	2.0	U	0.70	2.0
Vinyl chloride	1.0	U	0.92	1.0
Methyl tert-butyl ether	10	U	0.45	10
Naphthalene	5.0	U	0.12	5.0
N-Propylbenzene	1.0	U	0.45	1.0
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2,4-Trichlorobenzene	1.0	U	0.28	1.0
Freon 113	1.0	U	0.10	1.0
1,2,4-Trimethylbenzene	1.0	U	0.44	1.0
1,3,5-Trimethylbenzene	1.0	U	0.49	1.0
o-Xylene	1.0	U	0.49	1.0
m-Xylene & p-Xylene	2.0	U	1.3	2.0
1-Chlorohexane	1.0	U	0.42	1.0
Hexane	5.0	U	5.0	5.0

Surrogate	%Rec	Acceptance Limits
4-Bromofluorobenzene	97	77 - 120
Dibromofluoromethane	87	75 - 123
Toluene-d8 (Surr)	101	79 - 122

Client: Bhate Engineering

Job Number: 680-21196-1
Sdg Number: HOLL013

Client Sample ID: **WPOL-SW23A**

Lab Sample ID: 680-21196-1
Client Matrix: Solid
% Moisture: 23.6
Date Sampled: 10/17/2006 1100
Date Received: 10/18/2006 0905

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3550B
Dilution: 1.0
Date Analyzed: 10/19/2006 1713
Date Prepared: 10/18/2006 1245

Analysis Batch: 680-57867
Prep Batch: 680-57702

Instrument ID: GC/MS SemiVolatiles - N
Lab File ID: n4038.d
Initial Weight/Volume: 30.07 g
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		430	U	25	430
Acenaphthylene		430	U	22	430
Anthracene		430	U	30	430
Benzidine		3500	U	110	3500
Benzo[a]anthracene		430	U	40	430
Benzo[a]pyrene		430	U	25	430
Benzo[b]fluoranthene		430	U	34	430
Benzo[g,h,i]perylene		430	U	30	430
Benzoic acid		2200	U	220	2200
Benzo[k]fluoranthene		430	U	47	430
Benzyl alcohol		430	U	50	430
Bis(2-chloroethoxy)methane		430	U	31	430
Bis(2-chloroethyl)ether		430	U	37	430
bis(chloroisopropyl) ether		430	U	46	430
Bis(2-ethylhexyl) phthalate		430	U	50	430
4-Bromophenyl phenyl ether		430	U	40	430
Butyl benzyl phthalate		430	U	35	430
4-Chloroaniline		860	U	34	860
4-Chloro-3-methylphenol		430	U	44	430
2-Chloronaphthalene		430	U	31	430
2-Chlorophenol		430	U	35	430
4-Chlorophenyl phenyl ether		430	U	25	430
Chrysene		430	U	33	430
Dibenz(a,h)anthracene		430	U	31	430
Dibenzofuran		430	U	25	430
1,2-Dichlorobenzene		430	U	30	430
1,3-Dichlorobenzene		430	U	34	430
1,4-Dichlorobenzene		430	U	29	430
3,3'-Dichlorobenzidine		860	U	39	860
2,4-Dichlorophenol		430	U	30	430
Diethyl phthalate		430	U	29	430
2,4-Dimethylphenol		430	U	46	430
Dimethyl phthalate		430	U	25	430
Di-n-butyl phthalate		430	U	37	430
4,6-Dinitro-o-cresol		2200	U	260	2200
2,4-Dinitrophenol		2200	U	220	2200
2,6-Dinitrotoluene		430	U	43	430
2,4-Dinitrotoluene		430	U	25	430
Di-n-octyl phthalate		430	U	40	430
Fluoranthene		430	U	34	430
Fluorene		430	U	29	430
Hexachlorobenzene		430	U	34	430
Hexachlorobutadiene		430	U	26	430

Analytical Data

Client: Bhate Engineering

Job Number: 680-21196-1
Sdg Number: HOLL013

Client Sample ID: **WPOL-SW23A**

Lab Sample ID:	680-21196-1			Date Sampled:	10/17/2006 1100
Client Matrix:	Solid	% Moisture:	23.6	Date Received:	10/18/2006 0905

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-57867		Instrument ID:	GC/MS SemiVolatiles - N
Preparation:	3550B	Prep Batch: 680-57702		Lab File ID:	n4038.d
Dilution:	1.0			Initial Weight/Volume:	30.07 g
Date Analyzed:	10/19/2006 1713			Final Weight/Volume:	1.0 mL
Date Prepared:	10/18/2006 1245			Injection Volume:	

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Hexachlorocyclopentadiene		430	U	110	430
Hexachloroethane		430	U	26	430
Indeno[1,2,3-cd]pyrene		430	U	34	430
Isophorone		430	U	29	430
2-Methylnaphthalene		430	U	31	430
2-Methylphenol		430	U	39	430
3 & 4 Methylphenol		430	U	38	430
Naphthalene		430	U	25	430
3-Nitroaniline		2200	U	43	2200
2-Nitroaniline		2200	U	30	2200
4-Nitroaniline		2200	U	22	2200
Nitrobenzene		430	U	46	430
4-Nitrophenol		2200	U	270	2200
2-Nitrophenol		430	U	26	430
N-Nitrosodi-n-propylamine		430	U	37	430
N-Nitrosodiphenylamine		430	U	30	430
Pentachlorophenol		2200	U	110	2200
Phenanthrene		430	U	38	430
Phenol		430	U	39	430
Pyrene		430	U	26	430
1,2,4-Trichlorobenzene		430	U	27	430
2,4,5-Trichlorophenol		430	U	42	430
2,4,6-Trichlorophenol		430	U	26	430

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	69	38 - 104
2-Fluorophenol	68	36 - 101
Nitrobenzene-d5	66	33 - 94
Phenol-d5	70	38 - 102
Terphenyl-d14	78	40 - 129
2,4,6-Tribromophenol	78	27 - 124

Client: Bhate Engineering

Job Number: 680-21196-1
Sdg Number: HOLL013

Client Sample ID: **WPOL-SW23B**

Lab Sample ID: 680-21196-2
Client Matrix: Solid
% Moisture: 23.0
Date Sampled: 10/17/2006 1115
Date Received: 10/18/2006 0905

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3550B
Dilution: 1.0
Date Analyzed: 10/19/2006 1738
Date Prepared: 10/18/2006 1245

Analysis Batch: 680-57867
Prep Batch: 680-57702

Instrument ID: GC/MS SemiVolatiles - N
Lab File ID: n4039.d
Initial Weight/Volume: 30.00 g
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		430	U	25	430
Acenaphthylene		430	U	22	430
Anthracene		430	U	30	430
Benzidine		3500	U	110	3500
Benzo[a]anthracene		430	U	40	430
Benzo[a]pyrene		430	U	25	430
Benzo[b]fluoranthene		430	U	34	430
Benzo[g,h,i]perylene		430	U	30	430
Benzoic acid		2200	U	220	2200
Benzo[k]fluoranthene		430	U	47	430
Benzyl alcohol		430	U	49	430
Bis(2-chloroethoxy)methane		430	U	31	430
Bis(2-chloroethyl)ether		430	U	36	430
bis(chloroisopropyl) ether		430	U	45	430
Bis(2-ethylhexyl) phthalate		430	U	49	430
4-Bromophenyl phenyl ether		430	U	40	430
Butyl benzyl phthalate		430	U	35	430
4-Chloroaniline		860	U	34	860
4-Chloro-3-methylphenol		430	U	44	430
2-Chloronaphthalene		430	U	31	430
2-Chlorophenol		430	U	35	430
4-Chlorophenyl phenyl ether		430	U	25	430
Chrysene		430	U	32	430
Dibenz(a,h)anthracene		430	U	31	430
Dibenzofuran		430	U	25	430
1,2-Dichlorobenzene		430	U	30	430
1,3-Dichlorobenzene		430	U	34	430
1,4-Dichlorobenzene		430	U	29	430
3,3'-Dichlorobenzidine		860	U	39	860
2,4-Dichlorophenol		430	U	30	430
Diethyl phthalate		430	U	29	430
2,4-Dimethylphenol		430	U	45	430
Dimethyl phthalate		430	U	25	430
Di-n-butyl phthalate		430	U	36	430
4,6-Dinitro-o-cresol		2200	U	260	2200
2,4-Dinitrophenol		2200	U	220	2200
2,6-Dinitrotoluene		430	U	43	430
2,4-Dinitrotoluene		430	U	25	430
Di-n-octyl phthalate		430	U	40	430
Fluoranthene		430	U	34	430
Fluorene		430	U	29	430
Hexachlorobenzene		430	U	34	430
Hexachlorobutadiene		430	U	26	430

Client: Bhate Engineering

Job Number: 680-21196-1
Sdg Number: HOLL013

Client Sample ID: **WPOL-SW23B**

Lab Sample ID: 680-21196-2
Client Matrix: Solid
% Moisture: 23.0
Date Sampled: 10/17/2006 1115
Date Received: 10/18/2006 0905

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3550B
Dilution: 1.0
Date Analyzed: 10/19/2006 1738
Date Prepared: 10/18/2006 1245

Analysis Batch: 680-57867
Prep Batch: 680-57702

Instrument ID: GC/MS SemiVolatiles - N
Lab File ID: n4039.d
Initial Weight/Volume: 30.00 g
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Hexachlorocyclopentadiene		430	U	110	430
Hexachloroethane		430	U	26	430
Indeno[1,2,3-cd]pyrene		430	U	34	430
Isophorone		430	U	29	430
2-Methylnaphthalene		430	U	31	430
2-Methylphenol		430	U	39	430
3 & 4 Methylphenol		430	U	38	430
Naphthalene		430	U	25	430
3-Nitroaniline		2200	U	43	2200
2-Nitroaniline		2200	U	30	2200
4-Nitroaniline		2200	U	22	2200
Nitrobenzene		430	U	45	430
4-Nitrophenol		2200	U	270	2200
2-Nitrophenol		430	U	26	430
N-Nitrosodi-n-propylamine		430	U	36	430
N-Nitrosodiphenylamine		430	U	30	430
Pentachlorophenol		2200	U	110	2200
Phenanthrene		430	U	38	430
Phenol		430	U	39	430
Pyrene		430	U	26	430
1,2,4-Trichlorobenzene		430	U	27	430
2,4,5-Trichlorophenol		430	U	42	430
2,4,6-Trichlorophenol		430	U	26	430

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	58	38 - 104
2-Fluorophenol	54	36 - 101
Nitrobenzene-d5	50	33 - 94
Phenol-d5	58	38 - 102
Terphenyl-d14	75	40 - 129
2,4,6-Tribromophenol	65	27 - 124

Client: Bhate Engineering

Job Number: 680-21196-1
Sdg Number: HOLL013

Client Sample ID: **WPOL-SW23C**

Lab Sample ID: 680-21196-3
Client Matrix: Solid
% Moisture: 24.4
Date Sampled: 10/17/2006 1130
Date Received: 10/18/2006 0905

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method: 8270C
Preparation: 3550B
Dilution: 1.0
Date Analyzed: 10/19/2006 1804
Date Prepared: 10/18/2006 1245

Analysis Batch: 680-57867
Prep Batch: 680-57702

Instrument ID: GC/MS SemiVolatiles - N
Lab File ID: n4040.d
Initial Weight/Volume: 30.00 g
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Acenaphthene		440	U	25	440
Acenaphthylene		440	U	22	440
Anthracene		440	U	30	440
Benzidine		3600	U	110	3600
Benzo[a]anthracene		440	U	41	440
Benzo[a]pyrene		440	U	25	440
Benzo[b]fluoranthene		440	U	34	440
Benzo[g,h,i]perylene		440	U	30	440
Benzoic acid		2200	U	220	2200
Benzo[k]fluoranthene		440	U	48	440
Benzyl alcohol		440	U	50	440
Bis(2-chloroethoxy)methane		440	U	32	440
Bis(2-chloroethyl)ether		440	U	37	440
bis(chloroisopropyl) ether		440	U	46	440
Bis(2-ethylhexyl) phthalate		440	U	50	440
4-Bromophenyl phenyl ether		440	U	41	440
Butyl benzyl phthalate		440	U	36	440
4-Chloroaniline		870	U	34	870
4-Chloro-3-methylphenol		440	U	45	440
2-Chloronaphthalene		440	U	32	440
2-Chlorophenol		440	U	36	440
4-Chlorophenyl phenyl ether		440	U	25	440
Chrysene		440	U	33	440
Dibenz(a,h)anthracene		440	U	32	440
Dibenzofuran		440	U	25	440
1,2-Dichlorobenzene		440	U	30	440
1,3-Dichlorobenzene		440	U	34	440
1,4-Dichlorobenzene		440	U	29	440
3,3'-Dichlorobenzidine		870	U	40	870
2,4-Dichlorophenol		440	U	30	440
Diethyl phthalate		440	U	29	440
2,4-Dimethylphenol		440	U	46	440
Dimethyl phthalate		440	U	25	440
Di-n-butyl phthalate		440	U	37	440
4,6-Dinitro-o-cresol		2200	U	260	2200
2,4-Dinitrophenol		2200	U	220	2200
2,6-Dinitrotoluene		440	U	44	440
2,4-Dinitrotoluene		440	U	25	440
Di-n-octyl phthalate		440	U	41	440
Fluoranthene		440	U	34	440
Fluorene		440	U	29	440
Hexachlorobenzene		440	U	34	440
Hexachlorobutadiene		440	U	26	440

Analytical Data

Client: Bhate Engineering

Job Number: 680-21196-1
Sdg Number: HOLL013

Client Sample ID: **WPOL-SW23C**

Lab Sample ID:	680-21196-3			Date Sampled:	10/17/2006 1130
Client Matrix:	Solid	% Moisture:	24.4	Date Received:	10/18/2006 0905

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Method:	8270C	Analysis Batch: 680-57867		Instrument ID:	GC/MS SemiVolatiles - N
Preparation:	3550B	Prep Batch: 680-57702		Lab File ID:	n4040.d
Dilution:	1.0			Initial Weight/Volume:	30.00 g
Date Analyzed:	10/19/2006 1804			Final Weight/Volume:	1.0 mL
Date Prepared:	10/18/2006 1245			Injection Volume:	

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Hexachlorocyclopentadiene		440	U	110	440
Hexachloroethane		440	U	26	440
Indeno[1,2,3-cd]pyrene		440	U	34	440
Isophorone		440	U	29	440
2-Methylnaphthalene		440	U	32	440
2-Methylphenol		440	U	40	440
3 & 4 Methylphenol		440	U	38	440
Naphthalene		440	U	25	440
3-Nitroaniline		2200	U	44	2200
2-Nitroaniline		2200	U	30	2200
4-Nitroaniline		2200	U	22	2200
Nitrobenzene		440	U	46	440
4-Nitrophenol		2200	U	280	2200
2-Nitrophenol		440	U	26	440
N-Nitrosodi-n-propylamine		440	U	37	440
N-Nitrosodiphenylamine		440	U	30	440
Pentachlorophenol		2200	U	110	2200
Phenanthrene		440	U	38	440
Phenol		440	U	40	440
Pyrene		440	U	26	440
1,2,4-Trichlorobenzene		440	U	28	440
2,4,5-Trichlorophenol		440	U	42	440
2,4,6-Trichlorophenol		440	U	26	440

Surrogate	%Rec	Acceptance Limits
2-Fluorobiphenyl	64	38 - 104
2-Fluorophenol	61	36 - 101
Nitrobenzene-d5	57	33 - 94
Phenol-d5	65	38 - 102
Terphenyl-d14	75	40 - 129
2,4,6-Tribromophenol	66	27 - 124

Analytical Data

Client: Bhate Engineering

Job Number: 680-21196-1
Sdg Number: HOLL013

Client Sample ID: **WPOL-SW23A**

Lab Sample ID:	680-21196-1			Date Sampled:	10/17/2006 1100
Client Matrix:	Solid	% Moisture:	23.6	Date Received:	10/18/2006 0905

8015B Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Method:	8015B	Analysis Batch: 680-57763		Instrument ID:	GC Volatiles - A
Preparation:	5035	Prep Batch: 680-57715		Lab File ID:	PC18A12.d
Dilution:	1.0			Initial Weight/Volume:	5.1 g
Date Analyzed:	10/18/2006 1526			Final Weight/Volume:	5 g
Date Prepared:	10/18/2006 1150			Injection Volume:	
				Column ID:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Gasoline Range Organics (GRO)-C6-C10		0.32	U	0.11	0.32

Surrogate	%Rec	Acceptance Limits
a,a,a-Trifluorotoluene	90	61 - 139

Analytical Data

Client: Bhate Engineering

Job Number: 680-21196-1
Sdg Number: HOLL013

Client Sample ID: **WPOL-SW23B**

Lab Sample ID:	680-21196-2			Date Sampled:	10/17/2006 1115
Client Matrix:	Solid	% Moisture:	23.0	Date Received:	10/18/2006 0905

8015B Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Method:	8015B	Analysis Batch: 680-57763		Instrument ID:	GC Volatiles - A
Preparation:	5035	Prep Batch: 680-57715		Lab File ID:	PC18A13.d
Dilution:	1.0			Initial Weight/Volume:	5.6 g
Date Analyzed:	10/18/2006 1606			Final Weight/Volume:	5 g
Date Prepared:	10/18/2006 1150			Injection Volume:	
				Column ID:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Gasoline Range Organics (GRO)-C6-C10		0.29	U	0.095	0.29

Surrogate	%Rec	Acceptance Limits
a,a,a-Trifluorotoluene	87	61 - 139

Analytical Data

Client: Bhate Engineering

Job Number: 680-21196-1
Sdg Number: HOLL013

Client Sample ID: **WPOL-SW23C**

Lab Sample ID:	680-21196-3			Date Sampled:	10/17/2006 1130
Client Matrix:	Solid	% Moisture:	24.4	Date Received:	10/18/2006 0905

8015B Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Method:	8015B	Analysis Batch: 680-57763		Instrument ID:	GC Volatiles - A
Preparation:	5035	Prep Batch: 680-57715		Lab File ID:	PC18A14.d
Dilution:	1.0			Initial Weight/Volume:	6.5 g
Date Analyzed:	10/18/2006 1644			Final Weight/Volume:	5 g
Date Prepared:	10/18/2006 1150			Injection Volume:	
				Column ID:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Gasoline Range Organics (GRO)-C6-C10		0.25	U	0.083	0.25

Surrogate	%Rec	Acceptance Limits
a,a,a-Trifluorotoluene	87	61 - 139

Analytical Data

Client: Bhate Engineering

Job Number: 680-21196-1
Sdg Number: HOLL013

Client Sample ID: **WPOL-SW23A**

Lab Sample ID:	680-21196-1			Date Sampled:	10/17/2006 1100
Client Matrix:	Solid	% Moisture:	23.6	Date Received:	10/18/2006 0905

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method:	8015B	Analysis Batch: 680-57840		Instrument ID:	GC SemiVolatiles - Q
Preparation:	3550B	Prep Batch: 680-57703		Lab File ID:	q0190008.d
Dilution:	1.0			Initial Weight/Volume:	30.09 g
Date Analyzed:	10/19/2006 1122			Final Weight/Volume:	1.0 mL
Date Prepared:	10/18/2006 1320			Injection Volume:	
				Column ID:	PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Diesel Range Organics [C10-C28]		20		2.2	4.3
Oil Range Organics (C20-C36)		22	U	11	22

Surrogate	%Rec	Acceptance Limits
o-Terphenyl	68	15 - 154

Client: Bhate Engineering

Job Number: 680-21196-1
Sdg Number: HOLL013

Client Sample ID: **WPOL-SW23B**

Lab Sample ID: 680-21196-2
Client Matrix: Solid
% Moisture: 23.0
Date Sampled: 10/17/2006 1115
Date Received: 10/18/2006 0905

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3550B
Dilution: 1.0
Date Analyzed: 10/18/2006 1759
Date Prepared: 10/18/2006 1320

Analysis Batch: 680-57845
Prep Batch: 680-57703

Instrument ID: GC SemiVolatiles - Q
Lab File ID: q0180031.d
Initial Weight/Volume: 30.01 g
Final Weight/Volume: 1.0 mL
Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Diesel Range Organics [C10-C28]		3.7	J	2.2	4.3
Oil Range Organics (C20-C36)		22	U	11	22

Surrogate	%Rec	Acceptance Limits
o-Terphenyl	70	15 - 154

Client: Bhate Engineering

Job Number: 680-21196-1
Sdg Number: HOLL013

Client Sample ID: **WPOL-SW23C**

Lab Sample ID: 680-21196-3
Client Matrix: Solid
% Moisture: 24.4
Date Sampled: 10/17/2006 1130
Date Received: 10/18/2006 0905

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Method: 8015B
Preparation: 3550B
Dilution: 1.0
Date Analyzed: 10/18/2006 1816
Date Prepared: 10/18/2006 1320

Analysis Batch: 680-57845
Prep Batch: 680-57703

Instrument ID: GC SemiVolatiles - Q
Lab File ID: q0180032.d
Initial Weight/Volume: 30.15 g
Final Weight/Volume: 1.0 mL
Injection Volume:
Column ID: PRIMARY

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Diesel Range Organics [C10-C28]		4.3	U	2.2	4.3
Oil Range Organics (C20-C36)		22	U	11	22

Surrogate	%Rec	Acceptance Limits
o-Terphenyl	65	15 - 154

General Chemistry

Client Sample ID: WPOL-SW23A

Lab Sample ID: 680-21196-1
Client Matrix: Solid

Date Sampled: 10/17/2006 1100
Date Received: 10/18/2006 0905

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	24		%	1.0	1.0	1.0	PercentMoisture
	Anly Batch: 680-57743	Date Analyzed	10/18/2006 1434				
Percent Solids	76		%	1.0	1.0	1.0	PercentMoisture
	Anly Batch: 680-57743	Date Analyzed	10/18/2006 1434				

Client Sample ID: WPOL-SW23B

Lab Sample ID: 680-21196-2
Client Matrix: Solid

Date Sampled: 10/17/2006 1115
Date Received: 10/18/2006 0905

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	23		%	1.0	1.0	1.0	PercentMoisture
	Anly Batch: 680-57743	Date Analyzed	10/18/2006 1434				
Percent Solids	77		%	1.0	1.0	1.0	PercentMoisture
	Anly Batch: 680-57743	Date Analyzed	10/18/2006 1434				

Client Sample ID: WPOL-SW23C

Lab Sample ID: 680-21196-3
Client Matrix: Solid

Date Sampled: 10/17/2006 1130
Date Received: 10/18/2006 0905

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	24		%	1.0	1.0	1.0	PercentMoisture
	Anly Batch: 680-57743	Date Analyzed	10/18/2006 1434				
Percent Solids	76		%	1.0	1.0	1.0	PercentMoisture
	Anly Batch: 680-57743	Date Analyzed	10/18/2006 1434				

DATA REPORTING QUALIFIERS

Client: Bhate Engineering

Job Number: 680-21196-1
Sdg Number: HOLL013

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Indicates the analyte was analyzed for but not detected.
	*	LCS or LCSD exceeds the control limits
GC/MS Semi VOA		
	U	Indicates the analyte was analyzed for but not detected.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
GC VOA		
	U	Indicates the analyte was analyzed for but not detected.
GC Semi VOA		
	U	Indicates the analyte was analyzed for but not detected.
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Client: Bhate Engineering

Job Number: 680-21196-1
Sdg Number: HOLL013

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:680-57680					
LCS 680-57680/7	Lab Control Spike	T	Water	8260B	
MB 680-57680/8	Method Blank	T	Water	8260B	
680-21196-4TB	Trip Blank	T	Water	8260B	
Analysis Batch:680-57681					
LCS 680-57681/15	Lab Control Spike	T	Solid	8260B	
MB 680-57681/5	Method Blank	T	Solid	8260B	
680-21196-1	WPOL-SW23A	T	Solid	8260B	680-57715
680-21196-2	WPOL-SW23B	T	Solid	8260B	680-57715
680-21196-3	WPOL-SW23C	T	Solid	8260B	680-57715
Prep Batch: 680-57715					
680-21196-1	WPOL-SW23A	T	Solid	5035	
680-21196-2	WPOL-SW23B	T	Solid	5035	
680-21196-3	WPOL-SW23C	T	Solid	5035	

Report Basis
T = Total

GC/MS Semi VOA					
Prep Batch: 680-57702					
LCS 680-57702/5-A	Lab Control Spike	T	Solid	3550B	
MB 680-57702/4-A	Method Blank	T	Solid	3550B	
680-21196-1	WPOL-SW23A	T	Solid	3550B	
680-21196-2	WPOL-SW23B	T	Solid	3550B	
680-21196-3	WPOL-SW23C	T	Solid	3550B	
680-21196-3MS	Matrix Spike	T	Solid	3550B	
680-21196-3MSD	Matrix Spike Duplicate	T	Solid	3550B	
Analysis Batch:680-57867					
LCS 680-57702/5-A	Lab Control Spike	T	Solid	8270C	680-57702
MB 680-57702/4-A	Method Blank	T	Solid	8270C	680-57702
680-21196-1	WPOL-SW23A	T	Solid	8270C	680-57702
680-21196-2	WPOL-SW23B	T	Solid	8270C	680-57702
680-21196-3	WPOL-SW23C	T	Solid	8270C	680-57702
680-21196-3MS	Matrix Spike	T	Solid	8270C	680-57702
680-21196-3MSD	Matrix Spike Duplicate	T	Solid	8270C	680-57702

Report Basis
T = Total

Client: Bhate Engineering

Job Number: 680-21196-1
Sdg Number: HOLL013

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC VOA					
Prep Batch: 680-57715					
680-21196-1	WPOL-SW23A	T	Solid	5035	
680-21196-2	WPOL-SW23B	T	Solid	5035	
680-21196-3	WPOL-SW23C	T	Solid	5035	
Analysis Batch:680-57763					
LCS 680-57763/4	Lab Control Spike	T	Solid	8015B	
MB 680-57763/5	Method Blank	T	Solid	8015B	
680-21196-1	WPOL-SW23A	T	Solid	8015B	680-57715
680-21196-2	WPOL-SW23B	T	Solid	8015B	680-57715
680-21196-3	WPOL-SW23C	T	Solid	8015B	680-57715

Report Basis
T = Total

GC Semi VOA					
Prep Batch: 680-57703					
LCS 680-57703/5-A	Lab Control Spike	T	Solid	3550B	
MB 680-57703/4-A	Method Blank	T	Solid	3550B	
680-21196-1	WPOL-SW23A	T	Solid	3550B	
680-21196-2	WPOL-SW23B	T	Solid	3550B	
680-21196-3	WPOL-SW23C	T	Solid	3550B	
680-21196-3MS	Matrix Spike	T	Solid	3550B	
680-21196-3MSD	Matrix Spike Duplicate	T	Solid	3550B	
Analysis Batch:680-57840					
680-21196-1	WPOL-SW23A	T	Solid	8015B	680-57703
Analysis Batch:680-57845					
LCS 680-57703/5-A	Lab Control Spike	T	Solid	8015B	680-57703
MB 680-57703/4-A	Method Blank	T	Solid	8015B	680-57703
680-21196-2	WPOL-SW23B	T	Solid	8015B	680-57703
680-21196-3	WPOL-SW23C	T	Solid	8015B	680-57703
680-21196-3MS	Matrix Spike	T	Solid	8015B	680-57703
680-21196-3MSD	Matrix Spike Duplicate	T	Solid	8015B	680-57703

Report Basis
T = Total

Client: Bhate Engineering

Job Number: 680-21196-1
Sdg Number: HOLL013

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:680-57743					
680-21196-1	WPOL-SW23A	T	Solid	PercentMoisture	
680-21196-2	WPOL-SW23B	T	Solid	PercentMoisture	
680-21196-3	WPOL-SW23C	T	Solid	PercentMoisture	

Report Basis
T = Total

Client: Bhate Engineering

Job Number: 680-21196-1
Sdg Number: HOLL013

Surrogate Recovery Report

8260B Volatile Organic Compounds by GC/MS

Client Matrix: Solid

Lab Sample ID	Client Sample	(BFB) (%Rec)	(DBFM) (%Rec)	(TOL) (%Rec)
LCS 680-57681/15		98	97	104
MB 680-57681/5		105	105	98
680-21196-1	WPOL-SW23A	106	108	105
680-21196-2	WPOL-SW23B	104	102	109
680-21196-3	WPOL-SW23C	107	105	108

Surrogate		Acceptance Limits
(BFB)	4-Bromofluorobenzene	68 - 121
(DBFM)	Dibromofluoromethane	66 - 127
(TOL)	Toluene-d8 (Surr)	65 - 128

Client: Bhate Engineering

Job Number: 680-21196-1
Sdg Number: HOLL013

Surrogate Recovery Report

8260B Volatile Organic Compounds by GC/MS

Client Matrix: Water

Lab Sample ID	Client Sample	(BFB) (%Rec)	(DBFM) (%Rec)	(TOL) (%Rec)
LCS 680-57680/7		95	91	102
MB 680-57680/8		95	89	100
680-21196-4TB	Trip Blank	97	87	101

Surrogate		Acceptance Limits
(BFB)	4-Bromofluorobenzene	77 - 120
(DBFM)	Dibromofluoromethane	75 - 123
(TOL)	Toluene-d8 (Surr)	79 - 122

Client: Bhate Engineering

Job Number: 680-21196-1
Sdg Number: HOLL013

Surrogate Recovery Report

8270C Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample	(2FP) (%Rec)	(FBP) (%Rec)	(NBZ) (%Rec)	(PHL) (%Rec)	(TBP) (%Rec)	(TPH) (%Rec)
680-21196-3MS	WPOL-SW23C	64	67	63	69	82	75
680-21196-3MSD	WPOL-SW23C	61	65	62	65	76	68
LCS 680-57702/5-A		94	92	92	96	108	100
MB 680-57702/4-A		85	82	78	89	94	99
680-21196-1	WPOL-SW23A	68	69	66	70	78	78
680-21196-2	WPOL-SW23B	54	58	50	58	65	75
680-21196-3	WPOL-SW23C	61	64	57	65	66	75

Surrogate		Acceptance Limits
(2FP)	2-Fluorophenol	36 - 101
(FBP)	2-Fluorobiphenyl	38 - 104
(NBZ)	Nitrobenzene-d5	33 - 94
(PHL)	Phenol-d5	38 - 102
(TBP)	2,4,6-Tribromophenol	27 - 124
(TPH)	Terphenyl-d14	40 - 129

Client: Bhate Engineering

Job Number: 680-21196-1
Sdg Number: HOLL013

Surrogate Recovery Report

8015B Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Client Matrix: Solid

Lab Sample ID	Client Sample	(TFT) (%Rec)
LCS 680-57763/4		96
MB 680-57763/5		92
680-21196-1	WPOL-SW23A	90
680-21196-2	WPOL-SW23B	87
680-21196-3	WPOL-SW23C	87

Surrogate		Acceptance Limits
(TFT)	a,a,a-Trifluorotoluene	61 - 139

Client: Bhate Engineering

Job Number: 680-21196-1
Sdg Number: HOLL013

Surrogate Recovery Report

8015B Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Client Matrix: Solid

Lab Sample ID	Client Sample	(OTPH) (%Rec)
680-21196-3MS	WPOL-SW23C	64
680-21196-3MSD	WPOL-SW23C	72
LCS 680-57703/5-A		81
MB 680-57703/4-A		82
680-21196-1	WPOL-SW23A	68
680-21196-2	WPOL-SW23B	70
680-21196-3	WPOL-SW23C	65

Surrogate		Acceptance Limits
(OTPH)	o-Terphenyl	15 - 154

Quality Control Results

Client: Bhate Engineering

Job Number: 680-21196-1
Sdg Number: HOLL013

Method Blank - Batch: 680-57680

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-57680/8
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/18/2006 1247
Date Prepared: 10/18/2006 1247

Analysis Batch: 680-57680
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O
Lab File ID: oq595.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Acetone	25	U	7.3	25
Acetonitrile	40	U	0.23	40
Acrolein	20	U	12	20
Bromobenzene	1.0	U	0.45	1.0
Acrylonitrile	20	U	3.2	20
Bromochloromethane	1.0	U	0.25	1.0
Benzene	1.0	U	0.54	1.0
Dichlorobromomethane	1.0	U	0.42	1.0
Bromoform	1.0	U	0.36	1.0
Methyl bromide	1.0	U	0.93	1.0
Methyl Ethyl Ketone	10	U	0.72	10
n-Butylbenzene	1.0	U	0.38	1.0
Carbon disulfide	2.0	U	0.75	2.0
sec-Butylbenzene	1.0	U	0.60	1.0
Carbon tetrachloride	1.0	U	0.91	1.0
tert-Butylbenzene	1.0	U	0.63	1.0
Chlorobenzene	1.0	U	0.41	1.0
Chloroethane	1.0	U	0.89	1.0
Chloroform	1.0	U	0.52	1.0
Methyl chloride	1.0	U	0.53	1.0
Allyl chloride	1.0	U	0.35	1.0
Dibromochloromethane	1.0	U	0.40	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.65	1.0
1,2-Dibromoethane	1.0	U	0.34	1.0
Methylene bromide	1.0	U	0.33	1.0
o-Chlorotoluene	1.0	U	0.58	1.0
p-Chlorotoluene	1.0	U	0.44	1.0
trans-1,4-Dichloro-2-butene	2.0	U	0.80	2.0
Dichlorodifluoromethane	1.0	U	0.73	1.0
1,1-Dichloroethane	1.0	U	0.56	1.0
1,2-Dichloroethane	1.0	U	0.28	1.0
1,1-Dichlorethylene	1.0	U	0.93	1.0
o-Dichlorobenzene	1.0	U	0.21	1.0
trans-1-2-Dichloroethylene	1.0	U	0.80	1.0
1,2-Dichloropropane	1.0	U	0.26	1.0
m-Dichlorobenzene	1.0	U	0.28	1.0
cis-1,3-Dichloropropene	1.0	U	0.41	1.0
p-Dichlorobenzene	1.0	U	0.44	1.0
trans-1,3-Dichloropropene	1.0	U	0.36	1.0
Ethylbenzene	1.0	U	0.62	1.0
Ethyl methacrylate	1.0	U	0.33	1.0

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Bhate Engineering

Job Number: 680-21196-1
Sdg Number: HOLL013

Method Blank - Batch: 680-57680

Method: 8260B
Preparation: 5030B

Lab Sample ID: MB 680-57680/8
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/18/2006 1247
Date Prepared: 10/18/2006 1247

Analysis Batch: 680-57680
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O
Lab File ID: oq595.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
2-Hexanone	10	U	0.39	10
cis-1,2-Dichloroethylene	1.0	U	0.55	1.0
Methyl iodide	5.0	U	0.96	5.0
Methacrylonitrile	20	U	9.1	20
Methylene Chloride	5.0	U	0.44	5.0
Methyl methacrylate	1.0	U	0.36	1.0
1,3-Dichloropropane	1.0	U	0.31	1.0
4-Methyl-2-pentanone	10	U	0.45	10
2,2-Dichloropropane	1.0	U	0.86	1.0
Pentachloroethane	5.0	U	1.0	5.0
1,1-Dichloropropene	1.0	U	0.80	1.0
Propionitrile	20	U	10	20
Styrene	1.0	U	0.42	1.0
1,1,1,2-Tetrachloroethane	1.0	U	0.53	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.21	1.0
Tetrachloroethylene	1.0	U	0.75	1.0
Hexachlorobutadiene	1.0	U	0.50	1.0
Toluene	1.0	U	0.62	1.0
1,1,1-Trichloroethane	1.0	U	0.79	1.0
1,1,2-Trichloroethane	1.0	U	0.37	1.0
Trichloroethylene	1.0	U	0.71	1.0
Isopropylbenzene	1.0	U	0.66	1.0
Trichlorofluoromethane	1.0	U	0.96	1.0
1,2,3-Trichloropropane	1.0	U	0.44	1.0
p-Isopropyltoluene	1.0	U	0.52	1.0
Vinyl acetate	2.0	U	0.70	2.0
Vinyl chloride	1.0	U	0.92	1.0
Methyl tert-butyl ether	10	U	0.45	10
Naphthalene	5.0	U	0.12	5.0
N-Propylbenzene	1.0	U	0.45	1.0
1,2,3-Trichlorobenzene	1.0	U	0.35	1.0
1,2,4-Trichlorobenzene	1.0	U	0.28	1.0
Freon 113	1.0	U	0.10	1.0
1,2,4-Trimethylbenzene	1.0	U	0.44	1.0
1,3,5-Trimethylbenzene	1.0	U	0.49	1.0
o-Xylene	1.0	U	0.49	1.0
m-Xylene & p-Xylene	2.0	U	1.3	2.0
1-Chlorohexane	1.0	U	0.42	1.0
Hexane	5.0	U	5.0	5.0

Surrogate	% Rec	Acceptance Limits

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Bhate Engineering

Job Number: 680-21196-1
Sdg Number: HOLL013

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	95	77 - 120
Dibromofluoromethane	89	75 - 123
Toluene-d8 (Surr)	100	79 - 122

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Bhate Engineering

Job Number: 680-21196-1
Sdg Number: HOLL013

Lab Control Spike - Batch: 680-57680

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 680-57680/7
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/18/2006 1143
Date Prepared: 10/18/2006 1143

Analysis Batch: 680-57680
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O
Lab File ID: oq593.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	100	97.0	97	20 - 183	
Bromobenzene	50.0	48.5	97	55 - 131	
Bromochloromethane	50.0	49.6	99	50 - 154	
Benzene	50.0	50.9	102	74 - 122	
Dichlorobromomethane	50.0	58.6	117	74 - 128	
Bromoform	50.0	53.4	107	64 - 132	
Methyl bromide	50.0	34.2	68	21 - 176	
Methyl Ethyl Ketone	100	102	102	51 - 142	
n-Butylbenzene	50.0	53.2	106	47 - 130	
Carbon disulfide	50.0	41.4	83	60 - 130	
sec-Butylbenzene	50.0	49.3	99	53 - 125	
Carbon tetrachloride	50.0	60.2	120	64 - 137	
tert-Butylbenzene	50.0	49.4	99	51 - 134	
Chlorobenzene	50.0	47.4	95	75 - 123	
Chloroethane	50.0	32.6	65	40 - 171	
Chloroform	50.0	47.8	96	74 - 124	
Methyl chloride	50.0	42.3	85	51 - 133	
Dibromochloromethane	50.0	53.4	107	75 - 126	
1,2-Dibromo-3-Chloropropane	50.0	46.7	93	14 - 147	
1,2-Dibromoethane	50.0	52.6	105	60 - 118	
Methylene bromide	50.0	53.7	107	70 - 130	
o-Chlorotoluene	50.0	49.4	99	53 - 133	
p-Chlorotoluene	50.0	47.9	96	47 - 132	
Dichlorodifluoromethane	50.0	36.4	73	70 - 130	
1,1-Dichloroethane	50.0	45.5	91	70 - 127	
1,2-Dichloroethane	50.0	59.8	120	68 - 130	
1,1-Dichlorethylene	50.0	46.4	93	64 - 132	
o-Dichlorobenzene	50.0	48.6	97	71 - 125	
trans-1-2-Dichloroethylene	50.0	45.9	92	67 - 130	
1,2-Dichloropropane	50.0	52.1	104	74 - 123	
m-Dichlorobenzene	50.0	48.0	96	70 - 125	
cis-1,3-Dichloropropene	50.0	53.6	107	76 - 126	
p-Dichlorobenzene	50.0	48.7	97	65 - 127	
trans-1,3-Dichloropropene	50.0	55.6	111	75 - 126	
Ethylbenzene	50.0	48.7	97	77 - 123	
2-Hexanone	100	115	115	58 - 139	
cis-1,2-Dichloroethylene	50.0	43.0	86	69 - 126	
Methylene Chloride	50.0	43.7	87	67 - 128	
1,3-Dichloropropane	50.0	52.8	106	60 - 125	
4-Methyl-2-pentanone	100	116	116	62 - 130	
2,2-Dichloropropane	50.0	51.0	102	42 - 155	
1,1-Dichloropropene	50.0	54.4	109	70 - 130	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Bhate Engineering

Job Number: 680-21196-1
Sdg Number: HOLL013

Lab Control Spike - Batch: 680-57680

Method: 8260B
Preparation: 5030B

Lab Sample ID: LCS 680-57680/7
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/18/2006 1143
Date Prepared: 10/18/2006 1143

Analysis Batch: 680-57680
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - O
Lab File ID: oq593.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Styrene	50.0	45.9	92	75 - 125	
1,1,1,2-Tetrachloroethane	50.0	51.5	103	62 - 107	
1,1,2,2-Tetrachloroethane	50.0	47.9	96	71 - 127	
Tetrachloroethylene	50.0	48.2	96	70 - 133	
Hexachlorobutadiene	50.0	54.5	109	58 - 133	
Toluene	50.0	50.0	100	75 - 122	
1,1,1-Trichloroethane	50.0	57.8	116	70 - 132	
1,1,2-Trichloroethane	50.0	50.5	101	75 - 122	
Trichloroethylene	50.0	50.8	102	75 - 122	
Isopropylbenzene	50.0	50.0	100	62 - 122	
Trichlorofluoromethane	50.0	54.0	108	74 - 165	
1,2,3-Trichloropropane	50.0	51.1	102	60 - 147	
p-Isopropyltoluene	50.0	50.9	102	58 - 123	
Vinyl acetate	100	102	102	47 - 150	
Vinyl chloride	50.0	40.9	82	59 - 136	
Methyl tert-butyl ether	100	94.4	94	70 - 130	
Naphthalene	50.0	43.1	86	58 - 143	
N-Propylbenzene	50.0	48.5	97	53 - 125	
1,2,3-Trichlorobenzene	50.0	45.6	91	38 - 130	
1,2,4-Trichlorobenzene	50.0	46.6	93	48 - 131	
Freon 113	50.0	44.1	88	70 - 130	
1,2,4-Trimethylbenzene	50.0	50.3	101	53 - 142	
1,3,5-Trimethylbenzene	50.0	50.4	101	50 - 127	
o-Xylene	50.0	47.3	95	76 - 122	
m-Xylene & p-Xylene	100	96.5	97	74 - 123	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	95	77 - 120
Dibromofluoromethane	91	75 - 123
Toluene-d8 (Surr)	102	79 - 122

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Bhate Engineering

Job Number: 680-21196-1
Sdg Number: HOLL013

Method Blank - Batch: 680-57681

Method: 8260B
Preparation: N/A

Lab Sample ID: MB 680-57681/5
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/18/2006 1149
Date Prepared: N/A

Analysis Batch: 680-57681
Prep Batch: N/A
Units: ug/Kg

Instrument ID: GC/MS Volatiles - L
Lab File ID: lq610.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 g

Analyte	Result	Qual	MDL	RL
Acetone	50	U	3.0	50
Acetonitrile	200	U	28	200
Acrolein	100	U	11	100
Bromobenzene	5.0	U	0.93	5.0
Acrylonitrile	100	U	16	100
Bromochloromethane	5.0	U	0.95	5.0
Benzene	5.0	U	0.86	5.0
Dichlorobromomethane	5.0	U	1.0	5.0
Bromoform	5.0	U	2.2	5.0
Methyl bromide	5.0	U	1.3	5.0
Methyl Ethyl Ketone	25	U	4.0	25
n-Butylbenzene	5.0	U	0.99	5.0
Carbon disulfide	5.0	U	1.0	5.0
sec-Butylbenzene	5.0	U	1.1	5.0
Carbon tetrachloride	5.0	U	0.89	5.0
tert-Butylbenzene	5.0	U	1.2	5.0
Chlorobenzene	5.0	U	0.69	5.0
Chloroethane	5.0	U	1.5	5.0
Chloroform	5.0	U	0.88	5.0
Methyl chloride	5.0	U	0.70	5.0
Allyl chloride	5.0	U	1.2	5.0
Chlorodibromomethane	5.0	U	1.1	5.0
1,2-Dibromo-3-Chloropropane	10	U	4.6	10
1,2-Dibromoethane	5.0	U	1.4	5.0
2-Chlorotoluene	5.0	U	1.4	5.0
Methylene bromide	5.0	U	1.3	5.0
4-Chlorotoluene	5.0	U	0.78	5.0
trans-1,4-Dichloro-2-butene	10	U	4.0	10
Dichlorodifluoromethane	5.0	U	2.5	5.0
1,1-Dichloroethane	5.0	U	1.0	5.0
1,2-Dichloroethane	5.0	U	1.2	5.0
1,1-Dichloroethylene	5.0	U	1.1	5.0
o-Dichlorobenzene	5.0	U	1.8	5.0
trans-1,2-Dichloroethylene	5.0	U	1.1	5.0
1,2-Dichloropropane	5.0	U	1.3	5.0
m-Dichlorobenzene	5.0	U	1.1	5.0
cis-1,3-Dichloropropene	5.0	U	0.91	5.0
p-Dichlorobenzene	5.0	U	1.4	5.0
trans-1,3-Dichloropropene	5.0	U	1.1	5.0
Ethylbenzene	5.0	U	0.87	5.0
Ethyl methacrylate	5.0	U	0.77	5.0

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Bhate Engineering

Job Number: 680-21196-1
Sdg Number: HOLL013

Method Blank - Batch: 680-57681

Method: 8260B
Preparation: N/A

Lab Sample ID: MB 680-57681/5
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/18/2006 1149
Date Prepared: N/A

Analysis Batch: 680-57681
Prep Batch: N/A
Units: ug/Kg

Instrument ID: GC/MS Volatiles - L
Lab File ID: lq610.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 g

Analyte	Result	Qual	MDL	RL
2-Hexanone	25	U	5.4	25
cis-Dichloroethylene	5.0	U	0.88	5.0
Methyl iodide	5.0	U	1.0	5.0
Methacrylonitrile	100	U	16	100
Methylene Chloride	5.0	U	1.6	5.0
Methyl methacrylate	5.0	U	1.7	5.0
1,3-Dichloropropane	5.0	U	1.2	5.0
4-Methyl-2-pentanone (MIBK)	25	U	5.8	25
2,2-Dichloropropane	5.0	U	1.2	5.0
Pentachloroethane	25	U	4.6	25
1,1-Dichloropropene	5.0	U	1.4	5.0
Propionitrile	100	U	23	100
Styrene	5.0	U	0.85	5.0
1,1,1,2-Tetrachloroethane	5.0	U	1.4	5.0
1,1,2,2-Tetrachloroethane	5.0	U	1.0	5.0
Tetrachloroethylene	5.0	U	1.0	5.0
Hexachlorobutadiene	5.0	U	1.6	5.0
Toluene	5.0	U	1.0	5.0
1,1,1-Trichloroethane	5.0	U	0.85	5.0
1,1,2-Trichloroethane	5.0	U	1.2	5.0
Trichloroethylene	5.0	U	1.2	5.0
Isopropylbenzene	5.0	U	0.99	5.0
Trichlorofluoromethane	5.0	U	1.4	5.0
1,2,3-Trichloropropane	5.0	U	2.7	5.0
p-Isopropyltoluene	5.0	U	1.2	5.0
Vinyl acetate	10	U	1.9	10
Vinyl chloride	5.0	U	0.92	5.0
Methyl tert-butyl ether	50	U	1.8	50
Naphthalene	5.0	U	3.4	5.0
N-Propylbenzene	5.0	U	1.2	5.0
1,2,3-Trichlorobenzene	5.0	U	1.0	5.0
1,2,4-Trichlorobenzene	5.0	U	2.2	5.0
Freon 113	5.0	U	1.0	5.0
1,2,4-Trimethylbenzene	5.0	U	1.0	5.0
1,3,5-Trimethylbenzene	5.0	U	1.3	5.0
o-Xylene	5.0	U	1.4	5.0
m-Xylene & p-Xylene	10	U	2.0	10
1-Chlorohexane	5.0	U	0.78	5.0
Hexane	5.0	U	2.3	5.0

Surrogate	% Rec	Acceptance Limits

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Bhate Engineering

Job Number: 680-21196-1
Sdg Number: HOLL013

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	105	68 - 121
Dibromofluoromethane	105	66 - 127
Toluene-d8 (Surr)	98	65 - 128

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Bhate Engineering

Job Number: 680-21196-1
Sdg Number: HOLL013

Lab Control Spike - Batch: 680-57681

Method: 8260B
Preparation: N/A

Lab Sample ID: LCS 680-57681/15
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/18/2006 1048
Date Prepared: N/A

Analysis Batch: 680-57681
Prep Batch: N/A
Units: ug/Kg

Instrument ID: GC/MS Volatiles - L
Lab File ID: lq608.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 g

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acetone	100	103	103	28 - 143	
Bromobenzene	50.0	49.5	99	77 - 147	
Bromochloromethane	50.0	45.0	90	63 - 136	
Benzene	50.0	35.9	72	79 - 118	*
Dichlorobromomethane	50.0	48.7	97	74 - 128	
Bromoform	50.0	53.2	106	62 - 137	
Methyl bromide	50.0	43.7	87	26 - 160	
Methyl Ethyl Ketone	100	104	104	30 - 149	
n-Butylbenzene	50.0	51.1	102	59 - 120	
Carbon disulfide	50.0	37.7	75	32 - 157	
sec-Butylbenzene	50.0	48.6	97	60 - 128	
Carbon tetrachloride	50.0	49.4	99	62 - 140	
tert-Butylbenzene	50.0	48.6	97	62 - 140	
Chlorobenzene	50.0	48.7	97	81 - 120	
Chloroethane	50.0	44.3	89	20 - 140	
Chloroform	50.0	45.8	92	77 - 125	
Methyl chloride	50.0	47.7	95	42 - 140	
Chlorodibromomethane	50.0	50.9	102	67 - 135	
1,2-Dibromo-3-Chloropropane	50.0	54.9	110	21 - 180	
1,2-Dibromoethane	50.0	51.5	103	76 - 130	
2-Chlorotoluene	50.0	51.1	102	49 - 219	
Methylene bromide	50.0	49.1	98	71 - 134	
4-Chlorotoluene	50.0	46.8	94	45 - 218	
Dichlorodifluoromethane	50.0	43.2	86	70 - 130	
1,1-Dichloroethane	50.0	44.9	90	43 - 157	
1,2-Dichloroethane	50.0	49.8	100	65 - 133	
1,1-Dichloroethylene	50.0	39.9	80	52 - 143	
o-Dichlorobenzene	50.0	48.7	97	81 - 122	
trans-1,2-Dichloroethylene	50.0	40.5	81	35 - 154	
1,2-Dichloropropane	50.0	48.3	97	77 - 118	
m-Dichlorobenzene	50.0	47.7	95	84 - 120	
cis-1,3-Dichloropropene	50.0	49.6	99	71 - 123	
p-Dichlorobenzene	50.0	49.2	98	67 - 133	
trans-1,3-Dichloropropene	50.0	51.2	102	75 - 126	
Ethylbenzene	50.0	49.6	99	82 - 118	
2-Hexanone	100	110	110	30 - 148	
cis-Dichloroethylene	50.0	44.9	90	69 - 131	
Methylene Chloride	50.0	45.0	90	54 - 150	
1,3-Dichloropropane	50.0	49.6	99	73 - 146	
4-Methyl-2-pentanone (MIBK)	100	103	103	29 - 150	
2,2-Dichloropropane	50.0	43.5	87	28 - 187	
1,1-Dichloropropene	50.0	59.8	120	76 - 126	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Bhate Engineering

Job Number: 680-21196-1
Sdg Number: HOLL013

Lab Control Spike - Batch: 680-57681

Method: 8260B
Preparation: N/A

Lab Sample ID: LCS 680-57681/15
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/18/2006 1048
Date Prepared: N/A

Analysis Batch: 680-57681
Prep Batch: N/A
Units: ug/Kg

Instrument ID: GC/MS Volatiles - L
Lab File ID: lq608.d
Initial Weight/Volume: 5 g
Final Weight/Volume: 5 g

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Styrene	50.0	48.4	97	80 - 118	
1,1,1,2-Tetrachloroethane	50.0	52.6	105	70 - 130	
1,1,2,2-Tetrachloroethane	50.0	49.8	100	64 - 130	
Tetrachloroethylene	50.0	49.5	99	79 - 132	
Hexachlorobutadiene	50.0	50.9	102	29 - 135	
Toluene	50.0	49.5	99	80 - 118	
1,1,1-Trichloroethane	50.0	47.1	94	58 - 139	
1,1,2-Trichloroethane	50.0	50.5	101	76 - 120	
Trichloroethylene	50.0	47.6	95	80 - 122	
Isopropylbenzene	50.0	49.0	98	75 - 134	
Trichlorofluoromethane	50.0	47.3	95	38 - 146	
1,2,3-Trichloropropane	50.0	52.0	104	33 - 210	
p-Isopropyltoluene	50.0	50.2	100	39 - 141	
Vinyl acetate	100	102	102	1 - 184	
Vinyl chloride	50.0	46.7	93	34 - 154	
Methyl tert-butyl ether	100	89.0	89	37 - 168	
Naphthalene	50.0	48.9	98	42 - 250	
N-Propylbenzene	50.0	48.7	97	67 - 134	
1,2,3-Trichlorobenzene	50.0	52.3	105	29 - 169	
1,2,4-Trichlorobenzene	50.0	52.7	105	49 - 152	
Freon 113	50.0	33.0	66	70 - 130	*
1,2,4-Trimethylbenzene	50.0	49.4	99	74 - 133	
1,3,5-Trimethylbenzene	50.0	48.2	96	72 - 124	
o-Xylene	50.0	49.2	98	74 - 122	
m-Xylene & p-Xylene	100	98.3	98	74 - 121	

Surrogate	% Rec	Acceptance Limits
4-Bromofluorobenzene	98	68 - 121
Dibromofluoromethane	97	66 - 127
Toluene-d8 (Surr)	104	65 - 128

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Bhate Engineering

Job Number: 680-21196-1
Sdg Number: HOLL013

Method Blank - Batch: 680-57702

Method: 8270C
Preparation: 3550B

Lab Sample ID: MB 680-57702/4-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/19/2006 1647
Date Prepared: 10/18/2006 1245

Analysis Batch: 680-57867
Prep Batch: 680-57702
Units: ug/Kg

Instrument ID: GC/MS SemiVolatiles - N
Lab File ID: n4037.d
Initial Weight/Volume: 30.01 g
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	Result	Qual	MDL	RL
Acenaphthene	330	U	19	330
Acenaphthylene	330	U	17	330
Anthracene	330	U	23	330
Benzidine	2700	U	83	2700
Benzo[a]anthracene	330	U	31	330
Benzo[a]pyrene	330	U	19	330
Benzo[b]fluoranthene	330	U	26	330
Benzo[g,h,i]perylene	330	U	23	330
Benzoic acid	1700	U	170	1700
Benzo[k]fluoranthene	330	U	36	330
Benzyl alcohol	330	U	38	330
Bis(2-chloroethoxy)methane	330	U	24	330
Bis(2-chloroethyl)ether	330	U	28	330
bis(chloroisopropyl) ether	330	U	35	330
Bis(2-ethylhexyl) phthalate	330	U	38	330
4-Bromophenyl phenyl ether	330	U	31	330
Butyl benzyl phthalate	330	U	27	330
4-Chloroaniline	660	U	26	660
4-Chloro-3-methylphenol	330	U	34	330
2-Chloronaphthalene	330	U	24	330
2-Chlorophenol	330	U	27	330
4-Chlorophenyl phenyl ether	330	U	19	330
Chrysene	330	U	25	330
Dibenz(a,h)anthracene	330	U	24	330
Dibenzofuran	330	U	19	330
1,2-Dichlorobenzene	330	U	23	330
1,3-Dichlorobenzene	330	U	26	330
1,4-Dichlorobenzene	330	U	22	330
3,3'-Dichlorobenzidine	660	U	30	660
2,4-Dichlorophenol	330	U	23	330
Diethyl phthalate	330	U	22	330
2,4-Dimethylphenol	330	U	35	330
Dimethyl phthalate	330	U	19	330
Di-n-butyl phthalate	330	U	28	330
4,6-Dinitro-o-cresol	1700	U	200	1700
2,4-Dinitrophenol	1700	U	170	1700
2,4-Dinitrotoluene	330	U	19	330
2,6-Dinitrotoluene	330	U	33	330
Di-n-octyl phthalate	330	U	31	330
Fluoranthene	330	U	26	330
Fluorene	330	U	22	330

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Bhate Engineering

Job Number: 680-21196-1
Sdg Number: HOLL013

Method Blank - Batch: 680-57702

Method: 8270C
Preparation: 3550B

Lab Sample ID: MB 680-57702/4-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/19/2006 1647
Date Prepared: 10/18/2006 1245

Analysis Batch: 680-57867
Prep Batch: 680-57702
Units: ug/Kg

Instrument ID: GC/MS SemiVolatiles - N
Lab File ID: n4037.d
Initial Weight/Volume: 30.01 g
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	Result	Qual	MDL	RL
Hexachlorobenzene	330	U	26	330
Hexachlorobutadiene	330	U	20	330
Hexachlorocyclopentadiene	330	U	83	330
Hexachloroethane	330	U	20	330
Indeno[1,2,3-cd]pyrene	330	U	26	330
Isophorone	330	U	22	330
2-Methylnaphthalene	330	U	24	330
2-Methylphenol	330	U	30	330
3 & 4 Methylphenol	330	U	29	330
Naphthalene	330	U	19	330
2-Nitroaniline	1700	U	23	1700
3-Nitroaniline	1700	U	33	1700
4-Nitroaniline	1700	U	17	1700
Nitrobenzene	330	U	35	330
2-Nitrophenol	330	U	20	330
4-Nitrophenol	1700	U	210	1700
N-Nitrosodi-n-propylamine	330	U	28	330
N-Nitrosodiphenylamine	330	U	23	330
Pentachlorophenol	1700	U	83	1700
Phenanthrene	330	U	29	330
Phenol	330	U	30	330
Pyrene	330	U	20	330
1,2,4-Trichlorobenzene	330	U	21	330
2,4,5-Trichlorophenol	330	U	32	330
2,4,6-Trichlorophenol	330	U	20	330

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl	82	38 - 104
2-Fluorophenol	85	36 - 101
Nitrobenzene-d5	78	33 - 94
Phenol-d5	89	38 - 102
Terphenyl-d14	99	40 - 129
2,4,6-Tribromophenol	94	27 - 124

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Bhate Engineering

Job Number: 680-21196-1
Sdg Number: HOLL013

Lab Control Spike - Batch: 680-57702

Method: 8270C
Preparation: 3550B

Lab Sample ID: LCS 680-57702/5-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/19/2006 1829
Date Prepared: 10/18/2006 1245

Analysis Batch: 680-57867
Prep Batch: 680-57702
Units: ug/Kg

Instrument ID: GC/MS SemiVolatiles - N
Lab File ID: n4041.d
Initial Weight/Volume: 30.01 g
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	3330	3100	93	36 - 108	
Acenaphthylene	3330	3160	95	41 - 112	
Anthracene	3330	3050	92	46 - 115	
Benzidine	3330	687	21	1 - 95	J
Benzo[a]anthracene	3330	3230	97	46 - 116	
Benzo[a]pyrene	3330	3580	108	37 - 120	
Benzo[b]fluoranthene	3330	3260	98	35 - 122	
Benzo[g,h,i]perylene	3330	2950	89	41 - 122	
Benzoic acid	3330	2410	72	10 - 94	
Benzo[k]fluoranthene	3330	3640	109	36 - 124	
Benzyl alcohol	3330	3030	91	30 - 98	
Bis(2-chloroethoxy)methane	3330	2950	89	38 - 106	
Bis(2-chloroethyl)ether	3330	2850	86	30 - 98	
bis(chloroisopropyl) ether	3330	2730	82	16 - 116	
Bis(2-ethylhexyl) phthalate	3330	3220	97	25 - 134	
4-Bromophenyl phenyl ether	3330	2700	81	38 - 106	
Butyl benzyl phthalate	3330	3340	100	43 - 127	
4-Chloroaniline	3330	2040	61	7 - 103	
4-Chloro-3-methylphenol	3330	3310	99	39 - 113	
2-Chloronaphthalene	3330	2880	86	41 - 110	
2-Chlorophenol	3330	3010	90	36 - 99	
4-Chlorophenyl phenyl ether	3330	3140	94	42 - 111	
Chrysene	3330	3170	95	46 - 118	
Dibenz(a,h)anthracene	3330	3000	90	41 - 124	
Dibenzofuran	3330	3040	91	44 - 108	
1,2-Dichlorobenzene	3330	2910	87	35 - 93	
1,3-Dichlorobenzene	3330	2750	82	34 - 90	
1,4-Dichlorobenzene	3330	2730	82	32 - 90	
3,3'-Dichlorobenzidine	3330	1880	56	1 - 118	
2,4-Dichlorophenol	3330	3140	94	43 - 108	
Diethyl phthalate	3330	3330	100	41 - 118	
2,4-Dimethylphenol	3330	3140	94	40 - 112	
Dimethyl phthalate	3330	3150	95	43 - 114	
Di-n-butyl phthalate	3330	2580	77	35 - 93	
4,6-Dinitro-o-cresol	3330	3400	102	11 - 142	
2,4-Dinitrophenol	3330	3200	96	1 - 131	
2,4-Dinitrotoluene	3330	3510	105	32 - 128	
2,6-Dinitrotoluene	3330	3300	99	38 - 128	
Di-n-octyl phthalate	3330	3130	94	43 - 129	
Fluoranthene	3330	3070	92	41 - 124	
Fluorene	3330	3230	97	37 - 113	
Hexachlorobenzene	3330	3050	91	46 - 115	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Bhate Engineering

Job Number: 680-21196-1
Sdg Number: HOLL013

Lab Control Spike - Batch: 680-57702

Method: 8270C
Preparation: 3550B

Lab Sample ID: LCS 680-57702/5-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/19/2006 1829
Date Prepared: 10/18/2006 1245

Analysis Batch: 680-57867
Prep Batch: 680-57702
Units: ug/Kg

Instrument ID: GC/MS SemiVolatiles - N
Lab File ID: n4041.d
Initial Weight/Volume: 30.01 g
Final Weight/Volume: 1.0 mL
Injection Volume:

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Hexachlorobutadiene	3330	3280	98	42 - 105	
Hexachlorocyclopentadiene	3330	3480	104	20 - 109	
Hexachloroethane	3330	2890	87	31 - 88	
Indeno[1,2,3-cd]pyrene	3330	2610	78	36 - 133	
Isophorone	3330	3110	93	37 - 106	
2-Methylnaphthalene	3330	2970	89	39 - 104	
2-Methylphenol	3330	3110	93	38 - 107	
3 & 4 Methylphenol	3330	3010	90	37 - 106	
Naphthalene	3330	2930	88	34 - 97	
2-Nitroaniline	3330	3190	96	38 - 124	
3-Nitroaniline	3330	2360	71	19 - 118	
4-Nitroaniline	3330	2910	87	32 - 130	
Nitrobenzene	3330	2950	89	33 - 106	
2-Nitrophenol	3330	2850	86	38 - 104	
4-Nitrophenol	3330	3430	103	21 - 132	
N-Nitrosodi-n-propylamine	3330	3190	96	24 - 108	
N-Nitrosodiphenylamine	3330	3090	93	16 - 113	
Pentachlorophenol	3330	2910	87	27 - 116	
Phenanthrene	3330	3000	90	47 - 114	
Phenol	3330	3070	92	34 - 98	
Pyrene	3330	3330	100	36 - 128	
1,2,4-Trichlorobenzene	3330	2920	88	36 - 98	
2,4,5-Trichlorophenol	3330	3020	91	46 - 116	
2,4,6-Trichlorophenol	3330	3090	93	44 - 113	

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl	92	38 - 104
2-Fluorophenol	94	36 - 101
Nitrobenzene-d5	92	33 - 94
Phenol-d5	96	38 - 102
Terphenyl-d14	100	40 - 129
2,4,6-Tribromophenol	108	27 - 124

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Bhate Engineering

Job Number: 680-21196-1
Sdg Number: HOLL013

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-57702

Method: 8270C
Preparation: 3550B

MS Lab Sample ID:	680-21196-3	Analysis Batch: 680-57867	Instrument ID: GC/MS SemiVolatiles - N
Client Matrix:	Solid	Prep Batch: 680-57702	Lab File ID: n4042.d
Dilution:	1.0		Initial Weight/Volume: 30.07 g
Date Analyzed:	10/19/2006 1854		Final Weight/Volume: 1.0 mL
Date Prepared:	10/18/2006 1245		Injection Volume:

MSD Lab Sample ID:	680-21196-3	Analysis Batch: 680-57867	Instrument ID: GC/MS SemiVolatiles - N
Client Matrix:	Solid	Prep Batch: 680-57702	Lab File ID: n4043.d
Dilution:	1.0		Initial Weight/Volume: 30.00 g
Date Analyzed:	10/19/2006 1919		Final Weight/Volume: 1.0 mL
Date Prepared:	10/18/2006 1245		Injection Volume:

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acenaphthene	67	66	36 - 108	1	50		
Acenaphthylene	69	69	41 - 112	1	50		
Anthracene	69	67	46 - 115	2	50		
Benzidine	50	44	1 - 95	13	50	J	J
Benzo[a]anthracene	73	69	46 - 116	5	50		
Benzo[a]pyrene	80	75	37 - 120	6	50		
Benzo[b]fluoranthene	77	74	35 - 122	4	50		
Benzo[g,h,i]perylene	67	65	41 - 122	4	50		
Benzoic acid	59	48	10 - 94	19	50		J
Benzo[k]fluoranthene	76	84	36 - 124	10	50		
Benzyl alcohol	65	62	30 - 98	4	50		
Bis(2-chloroethoxy)methane	65	63	38 - 106	3	50		
Bis(2-chloroethyl)ether	58	57	30 - 98	1	50		
bis(chloroisopropyl) ether	56	55	16 - 116	2	50		
Bis(2-ethylhexyl) phthalate	73	66	25 - 134	11	50		
4-Bromophenyl phenyl ether	60	56	38 - 106	6	50		
Butyl benzyl phthalate	77	70	43 - 127	9	50		
4-Chloroaniline	64	62	7 - 103	3	50		
4-Chloro-3-methylphenol	74	68	39 - 113	9	50		
2-Chloronaphthalene	61	62	41 - 110	1	50		
2-Chlorophenol	63	61	36 - 99	3	50		
4-Chlorophenyl phenyl ether	70	68	42 - 111	3	50		
Chrysene	71	71	46 - 118	0	50		
Dibenz(a,h)anthracene	69	64	41 - 124	8	50		
Dibenzofuran	68	66	44 - 108	2	50		
1,2-Dichlorobenzene	55	57	35 - 93	3	50		
1,3-Dichlorobenzene	52	53	34 - 90	3	50		
1,4-Dichlorobenzene	53	51	32 - 90	3	50		
3,3'-Dichlorobenzidine	66	62	1 - 118	6	50		
2,4-Dichlorophenol	70	65	43 - 108	8	50		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Bhate Engineering

Job Number: 680-21196-1
Sdg Number: HOLL013

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-57702

Method: 8270C
Preparation: 3550B

MS Lab Sample ID:	680-21196-3	Analysis Batch:	680-57867	Instrument ID:	GC/MS SemiVolatiles - N
Client Matrix:	Solid	Prep Batch:	680-57702	Lab File ID:	n4042.d
Dilution:	1.0			Initial Weight/Volume:	30.07 g
Date Analyzed:	10/19/2006 1854			Final Weight/Volume:	1.0 mL
Date Prepared:	10/18/2006 1245			Injection Volume:	

MSD Lab Sample ID:	680-21196-3	Analysis Batch:	680-57867	Instrument ID:	GC/MS SemiVolatiles - N
Client Matrix:	Solid	Prep Batch:	680-57702	Lab File ID:	n4043.d
Dilution:	1.0			Initial Weight/Volume:	30.00 g
Date Analyzed:	10/19/2006 1919			Final Weight/Volume:	1.0 mL
Date Prepared:	10/18/2006 1245			Injection Volume:	

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Diethyl phthalate	77	72	41 - 118	6	50		
2,4-Dimethylphenol	70	66	40 - 112	6	50		
Dimethyl phthalate	73	69	43 - 114	5	50		
Di-n-butyl phthalate	58	55	35 - 93	5	50		
4,6-Dinitro-o-cresol	83	73	11 - 142	12	50		
2,4-Dinitrophenol	85	65	1 - 131	26	50		
2,4-Dinitrotoluene	80	74	32 - 128	7	50		
2,6-Dinitrotoluene	77	73	38 - 128	6	50		
Di-n-octyl phthalate	71	65	43 - 129	9	50		
Fluoranthene	68	66	41 - 124	3	50		
Fluorene	70	69	37 - 113	1	50		
Hexachlorobenzene	67	66	46 - 115	1	50		
Hexachlorobutadiene	64	67	42 - 105	5	50		
Hexachlorocyclopentadiene	69	73	20 - 109	5	50		
Hexachloroethane	53	55	31 - 88	3	50		
Indeno[1,2,3-cd]pyrene	63	60	36 - 133	4	50		
Isophorone	68	65	37 - 106	4	50		
2-Methylnaphthalene	64	62	39 - 104	4	50		
2-Methylphenol	68	63	38 - 107	7	50		
3 & 4 Methylphenol	67	63	37 - 106	7	50		
Naphthalene	61	61	34 - 97	0	50		
2-Nitroaniline	74	70	38 - 124	5	50		
3-Nitroaniline	70	66	19 - 118	6	50		
4-Nitroaniline	71	66	32 - 130	7	50		
Nitrobenzene	61	61	33 - 106	1	50		
2-Nitrophenol	60	59	38 - 104	2	50		
4-Nitrophenol	76	68	21 - 132	12	50		
N-Nitrosodi-n-propylamine	69	66	24 - 108	5	50		
N-Nitrosodiphenylamine	69	66	16 - 113	3	50		
Pentachlorophenol	63	57	27 - 116	9	50		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Bhate Engineering

Job Number: 680-21196-1
Sdg Number: HOLL013

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-57702

Method: 8270C
Preparation: 3550B

MS Lab Sample ID:	680-21196-3	Analysis Batch:	680-57867	Instrument ID:	GC/MS SemiVolatiles - N
Client Matrix:	Solid	Prep Batch:	680-57702	Lab File ID:	n4042.d
Dilution:	1.0			Initial Weight/Volume:	30.07 g
Date Analyzed:	10/19/2006 1854			Final Weight/Volume:	1.0 mL
Date Prepared:	10/18/2006 1245			Injection Volume:	

MSD Lab Sample ID:	680-21196-3	Analysis Batch:	680-57867	Instrument ID:	GC/MS SemiVolatiles - N
Client Matrix:	Solid	Prep Batch:	680-57702	Lab File ID:	n4043.d
Dilution:	1.0			Initial Weight/Volume:	30.00 g
Date Analyzed:	10/19/2006 1919			Final Weight/Volume:	1.0 mL
Date Prepared:	10/18/2006 1245			Injection Volume:	

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Phenanthrene	67	64	47 - 114	4	50		
Phenol	68	64	34 - 98	6	50		
Pyrene	75	69	36 - 128	8	50		
1,2,4-Trichlorobenzene	59	59	36 - 98	0	50		
2,4,5-Trichlorophenol	67	65	46 - 116	3	50		
2,4,6-Trichlorophenol	68	67	44 - 113	2	50		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
2-Fluorobiphenyl	67	65	38 - 104
2-Fluorophenol	64	61	36 - 101
Nitrobenzene-d5	63	62	33 - 94
Phenol-d5	69	65	38 - 102
Terphenyl-d14	75	68	40 - 129
2,4,6-Tribromophenol	82	76	27 - 124

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Bhate Engineering

Job Number: 680-21196-1
Sdg Number: HOLL013

Matrix Spike/
Matrix Spike Duplicate Data Report - Batch: 680-57702

Method: 8270C
Preparation: 3550B

MS Lab Sample ID: 680-21196-3
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/19/2006 1854
Date Prepared: 10/18/2006 1245

Units: ug/Kg

MSD Lab Sample ID: 680-21196-3
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/19/2006 1919
Date Prepared: 10/18/2006 1245

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Acenaphthene	0.0	U	4400	4410	2960		2920	
Acenaphthylene	0.0	U	4400	4410	3050		3020	
Anthracene	0.0	U	4400	4410	3020		2950	
Benzidine	0.0	U	4400	4410	2190	J	1920	J
Benzo[a]anthracene	0.0	U	4400	4410	3220		3050	
Benzo[a]pyrene	0.0	U	4400	4410	3530		3320	
Benzo[b]fluoranthene	0.0	U	4400	4410	3390		3250	
Benzo[g,h,i]perylene	0.0	U	4400	4410	2960		2850	
Benzoic acid	0.0	U	4400	4410	2580		2130	J
Benzo[k]fluoranthene	0.0	U	4400	4410	3340		3690	
Benzyl alcohol	0.0	U	4400	4410	2860		2750	
Bis(2-chloroethoxy)methane	0.0	U	4400	4410	2860		2760	
Bis(2-chloroethyl)ether	0.0	U	4400	4410	2560		2530	
bis(chloroisopropyl) ether	0.0	U	4400	4410	2480		2440	
Bis(2-ethylhexyl) phthalate	0.0	U	4400	4410	3230		2910	
4-Bromophenyl phenyl ether	0.0	U	4400	4410	2630		2480	
Butyl benzyl phthalate	0.0	U	4400	4410	3380		3100	
4-Chloroaniline	0.0	U	4400	4410	2800		2720	
4-Chloro-3-methylphenol	0.0	U	4400	4410	3270		3000	
2-Chloronaphthalene	0.0	U	4400	4410	2700		2730	
2-Chlorophenol	0.0	U	4400	4410	2780		2700	
4-Chlorophenyl phenyl ether	0.0	U	4400	4410	3090		3000	
Chrysene	0.0	U	4400	4410	3130		3130	
Dibenz(a,h)anthracene	0.0	U	4400	4410	3030		2800	
Dibenzofuran	0.0	U	4400	4410	2970		2910	
1,2-Dichlorobenzene	0.0	U	4400	4410	2430		2510	
1,3-Dichlorobenzene	0.0	U	4400	4410	2280		2340	
1,4-Dichlorobenzene	0.0	U	4400	4410	2320		2260	
3,3'-Dichlorobenzidine	0.0	U	4400	4410	2910		2740	
2,4-Dichlorophenol	0.0	U	4400	4410	3090		2850	
Diethyl phthalate	0.0	U	4400	4410	3370		3180	
2,4-Dimethylphenol	0.0	U	4400	4410	3080		2890	
Dimethyl phthalate	0.0	U	4400	4410	3200		3060	
Di-n-butyl phthalate	0.0	U	4400	4410	2560		2430	
4,6-Dinitro-o-cresol	0.0	U	4400	4410	3660		3230	
2,4-Dinitrophenol	0.0	U	4400	4410	3720		2860	
2,4-Dinitrotoluene	0.0	U	4400	4410	3520		3270	
2,6-Dinitrotoluene	0.0	U	4400	4410	3400		3200	
Di-n-octyl phthalate	0.0	U	4400	4410	3110		2850	

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Bhate Engineering

Job Number: 680-21196-1
Sdg Number: HOLL013

Matrix Spike/
Matrix Spike Duplicate Data Report - Batch: 680-57702

Method: 8270C
Preparation: 3550B

MS Lab Sample ID: 680-21196-3
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/19/2006 1854
Date Prepared: 10/18/2006 1245

Units: ug/Kg

MSD Lab Sample ID: 680-21196-3
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/19/2006 1919
Date Prepared: 10/18/2006 1245

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Fluoranthene	0.0	U	4400	4410	3000	2920
Fluorene	0.0	U	4400	4410	3100	3060
Hexachlorobenzene	0.0	U	4400	4410	2940	2910
Hexachlorobutadiene	0.0	U	4400	4410	2820	2970
Hexachlorocyclopentadiene	0.0	U	4400	4410	3040	3200
Hexachloroethane	0.0	U	4400	4410	2340	2410
Indeno[1,2,3-cd]pyrene	0.0	U	4400	4410	2750	2640
Isophorone	0.0	U	4400	4410	2970	2860
2-Methylnaphthalene	0.0	U	4400	4410	2820	2710
2-Methylphenol	0.0	U	4400	4410	2990	2780
3 & 4 Methylphenol	0.0	U	4400	4410	2950	2760
Naphthalene	0.0	U	4400	4410	2700	2710
2-Nitroaniline	0.0	U	4400	4410	3240	3090
3-Nitroaniline	0.0	U	4400	4410	3080	2910
4-Nitroaniline	0.0	U	4400	4410	3130	2930
Nitrobenzene	0.0	U	4400	4410	2690	2670
2-Nitrophenol	0.0	U	4400	4410	2660	2600
4-Nitrophenol	0.0	U	4400	4410	3360	2990
N-Nitrosodi-n-propylamine	0.0	U	4400	4410	3050	2900
N-Nitrosodiphenylamine	0.0	U	4400	4410	3020	2920
Pentachlorophenol	0.0	U	4400	4410	2780	2530
Phenanthrene	0.0	U	4400	4410	2960	2840
Phenol	0.0	U	4400	4410	3000	2820
Pyrene	0.0	U	4400	4410	3320	3050
1,2,4-Trichlorobenzene	0.0	U	4400	4410	2600	2600
2,4,5-Trichlorophenol	0.0	U	4400	4410	2960	2880
2,4,6-Trichlorophenol	0.0	U	4400	4410	3010	2940

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Bhate Engineering

Job Number: 680-21196-1
Sdg Number: HOLL013

Method Blank - Batch: 680-57763

Method: 8015B
Preparation: N/A

Lab Sample ID: MB 680-57763/5
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/18/2006 1016
Date Prepared: N/A

Analysis Batch: 680-57763
Prep Batch: N/A
Units: mg/Kg

Instrument ID: GC Volatiles - A
Lab File ID: PC18A4.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 g
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	MDL	RL
Gasoline Range Organics (GRO)-C6-C10	0.25	U	0.082	0.25

Surrogate	% Rec	Acceptance Limits
a,a,a-Trifluorotoluene	92	61 - 139

Lab Control Spike - Batch: 680-57763

Method: 8015B
Preparation: N/A

Lab Sample ID: LCS 680-57763/4
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/18/2006 0938
Date Prepared: N/A

Analysis Batch: 680-57763
Prep Batch: N/A
Units: mg/Kg

Instrument ID: GC Volatiles - A
Lab File ID: PC18A3.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 g
Injection Volume:
Column ID: PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Gasoline Range Organics (GRO)-C6-C10	1.00	0.972	97	40 - 140	

Surrogate	% Rec	Acceptance Limits
a,a,a-Trifluorotoluene	96	61 - 139

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Bhate Engineering

Job Number: 680-21196-1
Sdg Number: HOLL013

Method Blank - Batch: 680-57703

Method: 8015B
Preparation: 3550B

Lab Sample ID: MB 680-57703/4-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/18/2006 1705
Date Prepared: 10/18/2006 1320

Analysis Batch: 680-57845
Prep Batch: 680-57703
Units: mg/Kg

Instrument ID: GC SemiVolatiles - Q
Lab File ID: q0180028.d
Initial Weight/Volume: 30.00 g
Final Weight/Volume: 1.0 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	MDL	RL
Diesel Range Organics [C10-C28]	3.3	U	1.7	3.3
Oil Range Organics (C20-C36)	17	U	8.5	17

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	82	15 - 154

Lab Control Spike - Batch: 680-57703

Method: 8015B
Preparation: 3550B

Lab Sample ID: LCS 680-57703/5-A
Client Matrix: Solid
Dilution: 1.0
Date Analyzed: 10/18/2006 1723
Date Prepared: 10/18/2006 1320

Analysis Batch: 680-57845
Prep Batch: 680-57703
Units: mg/Kg

Instrument ID: GC SemiVolatiles - Q
Lab File ID: q0180029.d
Initial Weight/Volume: 30.01 g
Final Weight/Volume: 1.0 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Diesel Range Organics [C10-C28]	33.3	30.7	92	40 - 140	

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	81	15 - 154

Calculations are performed before rounding to avoid round-off errors in calculated results.

Client: Bhate Engineering

Job Number: 680-21196-1
Sdg Number: HOLL013

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 680-57703

Method: 8015B
Preparation: 3550B

MS Lab Sample ID:	680-21196-3	Analysis Batch: 680-57845	Instrument ID: GC SemiVolatiles - Q
Client Matrix:	Solid	Prep Batch: 680-57703	Lab File ID: q0180033.d
Dilution:	1.0		Initial Weight/Volume: 30.13 g
Date Analyzed:	10/18/2006 1834		Final Weight/Volume: 1.0 mL
Date Prepared:	10/18/2006 1320		Injection Volume:
			Column ID: PRIMARY

MSD Lab Sample ID:	680-21196-3	Analysis Batch: 680-57845	Instrument ID: GC SemiVolatiles - Q
Client Matrix:	Solid	Prep Batch: 680-57703	Lab File ID: q0180034.d
Dilution:	1.0		Initial Weight/Volume: 30.05 g
Date Analyzed:	10/18/2006 1852		Final Weight/Volume: 1.0 mL
Date Prepared:	10/18/2006 1320		Injection Volume:
			Column ID: PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Diesel Range Organics [C10-C28]	76	83	40 - 140	9	40		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
o-Terphenyl	64	72	15 - 154

Matrix Spike/
Matrix Spike Duplicate Data Report - Batch: 680-57703

Method: 8015B
Preparation: 3550B

MS Lab Sample ID:	680-21196-3	Units: mg/Kg	MSD Lab Sample ID: 680-21196-3
Client Matrix:	Solid		Client Matrix: Solid
Dilution:	1.0		Dilution: 1.0
Date Analyzed:	10/18/2006 1834		Date Analyzed: 10/18/2006 1852
Date Prepared:	10/18/2006 1320		Date Prepared: 10/18/2006 1320

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Diesel Range Organics [C10-C28]	1.91	U	43.9	44.0	33.4	36.4

Calculations are performed before rounding to avoid round-off errors in calculated results.

LOGIN SAMPLE RECEIPT CHECK LIST

Client: Bhate Engineering

Job Number: 680-21196-1
Sdg Number: HOLL013

Login Number: 21196

Question	T/F/NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	NA	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	NA	
Samples do not require splitting or compositing.	NA	

Southeast ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

07/07/08

Technical Report for

Bhate Environmental Associates, Inc.

HOLMN

PROJECT # 904238 11.01

Accutest Job Number: F48898

Sampling Date: 04/18/07

Report to:

Bhate Environmental Associates, Inc.

zbeck@bhate.com

ATTN: Zack Beck

Total number of pages in report: **64**

ACCREDITED IN ACCORDANCE WITH nelac

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

ACCUTEST LABORATORIES 50 YEARS 1956-2006

Client Service contact: Jean Dent-Smith 407-425-6700

Certifications: FL (DOH E83510), NC (573), NJ (FL002), MA (FL946), IA (366), LA (03051), KS (E-10327), SC, AK

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Test results relate only to samples analyzed.

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Accutest LabLink@78276 12:45 07-Jul-2008

Sample Summary

Bhate Environmental Associates, Inc.

Job No: F48898

HOLMN
Project No: PROJECT # 904238 11.01

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
F48898-1	04/18/07	10:30	KTCM	04/20/07	AQ	Ground Water	WPOL-MW01
F48898-2	04/18/07	11:55	KTCM	04/20/07	AQ	Ground Water	WPOL-MW02
F48898-3	04/18/07	14:34	KTCM	04/20/07	AQ	Ground Water	WPOL-MW03
F48898-3D	04/18/07	14:34	KTCM	04/20/07	AQ	Water Dup/MSD	WPOL-MW03
F48898-3S	04/18/07	14:34	KTCM	04/20/07	AQ	Water Matrix Spike	WPOL-MW03
F48898-4	04/18/07	14:35	KTCM	04/20/07	AQ	Ground Water	WPOL-MW04-a
F48898-5	04/18/07	00:00	KTCM	04/20/07	AQ	Trip Blank Water	WPOL-TB01
F48898-6	04/18/07	00:00	KTCM	04/20/07	AQ	Trip Blank Water	WPOL-TB02
F48898-7	04/18/07	00:00	KTCM	04/20/07	AQ	Trip Blank Water	WPOL-TB03
F48898-8	04/18/07	00:00	KTCM	04/20/07	AQ	Trip Blank Water	WPOL-TB05
F48898-9	04/18/07	00:00	KTCM	04/20/07	AQ	Trip Blank Water	WPOL-TB06
F48898-10	04/18/07	00:00	KTCM	04/20/07	AQ	Trip Blank Water	WPOL-TB07

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client: Bhate Environmental Associates, Inc. **Job No:** F48898

Site: HOLMN **Report Date** 5/14/2007 3:05:09 PM

4 Samples, 6 Trip Blanks were collected on 04/18/2007 and received at Accutest on 04/20/2007 properly preserved, at 3.8 Deg. C and intact. These Samples received an Accutest job number of F48898. 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.

Volatiles by GCMS By Method SW846 8260B

Matrix: AQ **Batch ID:** VJ2108

All samples were analyzed within the recommended method holding time.

Sample(s) F48898-3MS, F48898-3MSD were used as the QC samples indicated.

Sample(s) F48898-10, F48898-5, F48898-6, F48898-7, F48898-8, F48898-9 have compound(s) reported with a “B” qualifier, indicating analyte is found in the associated method blank.

Matrix Spike Recovery(s) for 2-Chloroethyl vinyl ether, cis-1,4-Dichloro-2-Butene, Ethyl methacrylate, Trans-1,4-Dichloro-2-Butene are outside control limits. Probable cause due to matrix interference.

Matrix Spike Duplicate Recovery(s) for 1,1,1,2-Tetrachloroethane, 1,1,1-Trichloroethane, 1,1,2-Trichloroethane, 1,1-Dichloroethane, 1,1-Dichloroethylene, 1,1-Dichloropropene, 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2,4-Trimethylbenzene, 1,2-Dibromo-3-chloropropane, 1,2-Dichloropropane, 1,3,5-Trimethylbenzene, 1,3-Dichloropropane, 1-Chlorohexane, 2-Chloroethyl vinyl ether, Acetone, Benzene, Bromobenzene, Bromochloromethane, Bromodichloromethane, Carbon tetrachloride, Chlorobenzene, Chloroform, cis-1,2-Dichloroethylene, cis-1,3-Dichloropropene, cis-1,4-Dichloro-2-Butene, Dibromochloromethane, Ethyl methacrylate, Ethylbenzene, Freon 113, Hexachlorobutadiene, Isopropylbenzene, m,p-Xylene, m-Dichlorobenzene, Methyl bromide, Methyl Tert Butyl Ether, Methylene bromide, n-Butylbenzene, n-Propylbenzene, Naphthalene, o-Chlorotoluene, o-Dichlorobenzene, o-Xylene, p-Chlorotoluene, p-Dichlorobenzene, p-Isopropyltoluene, Pentachloroethane, sec-Butylbenzene, Styrene, tert-Butylbenzene, Toluene, trans-1,2-Dichloroethylene, Trans-1,4-Dichloro-2-Butene, Trichloroethylene, Trichlorofluoromethane are outside control limits. Probable cause due to matrix interference. For method performance in clean matrix refer to Blank Spike.

RPD(s) for MSD for 1,1,1,2-Tetrachloroethane, 1,1,1-Trichloroethane, 1,1,2-Trichloroethane, 1,1-Dichloroethane, 1,1-Dichloroethylene, 1,1-Dichloropropene, 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2,4-Trimethylbenzene, 1,2-Dibromoethane, 1,2-Dichloroethane, 1,2-Dichloropropane, 1,3,5-Trimethylbenzene, 1,3-Dichloropropane, 1-Chlorohexane, 2,2-Dichloropropane, Acetone, Allyl chloride, Benzene, Bromobenzene, Bromochloromethane, Bromodichloromethane, Bromoform, Carbon disulfide, Carbon tetrachloride, Chlorobenzene, Chloroethane, Chloroform, cis-1,2-Dichloroethylene, cis-1,3-Dichloropropene, cis-1,4-Dichloro-2-Butene, Dibromochloromethane, Dichlorodifluoromethane, Ethyl methacrylate, Ethylbenzene, Freon 113, Hexachlorobutadiene, Hexane, Isopropylbenzene, m,p-Xylene, m-Dichlorobenzene, Methyl bromide, Methyl iodide, Methyl Tert Butyl Ether, Methylene bromide, Methylene chloride, n-Butylbenzene, n-Propylbenzene, o-Chlorotoluene, o-Dichlorobenzene, o-Xylene, p-Chlorotoluene, p-Dichlorobenzene, p-Isopropyltoluene, Pentachloroethane, sec-Butylbenzene, Styrene, tert-Butylbenzene, Tetrachloroethylene, Toluene, trans-1,2-Dichloroethylene, trans-1,3-Dichloropropene, Trans-1,4-Dichloro-2-Butene, Trichloroethylene are outside control limits for sample F48898-3MSD. Probable cause due to sample homogeneity.

Extractables by GCMS By Method SW846 8270C

Matrix: AQ **Batch ID:** OP20282

All samples were extracted within the recommended method holding time.

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Sample(s) F48898-3MS, F48898-3MSD were used as the QC samples indicated.

MS/MSD Recovery(s) for 3,3'-Dichlorobenzidine, Benzidine are outside control limits. Probable cause due to matrix interference. See Blank Spike.

Sample(s) OP20282-MS, OP20282-MSD have surrogates outside control limits. Probable cause due to matrix interference.

Volatiles by GC By Method SW846 8015

Matrix: AQ **Batch ID:** GUV1546

All samples were analyzed within the recommended method holding time.

Sample(s) F48898-3MS, F48898-3MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

F48898-3: Confirmation run.

Matrix: AQ **Batch ID:** GUV1547

All samples were analyzed within the recommended method holding time.

Sample(s) F48898-3MS, F48898-3MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

Extractables by GC By Method SW846 8015 M

Matrix: AQ **Batch ID:** OP20275

All samples were extracted within the recommended method holding time.

All samples were analyzed within the recommended method holding time.

Sample(s) F48898-3MS, F48898-3MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

Wet Chemistry By Method EPA 160.1

Matrix: AQ **Batch ID:** GN25100

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Sample(s) F48898-3DUP were used as the QC samples for Solids, Total Dissolved.

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: May 14, 2007

Svetlana Izosimova, QAO (signature on file)

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	WPOL-MW01		
Lab Sample ID:	F48898-1	**Date Sampled:**	04/18/07
Matrix:	AQ - Ground Water	**Date Received:**	04/20/07
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J029287.D	1	04/30/07	KW	n/a	n/a	VJ2108
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	5.0	ug/l	
75-05-8	Acetonitrile	ND	20	10	ug/l	
107-02-8	Acrolein	ND	20	10	ug/l	
107-13-1	Acrylonitrile	ND	10	5.0	ug/l	
107-05-1	Allyl chloride	ND	10	5.0	ug/l	
71-43-2	Benzene	ND	1.0	0.50	ug/l	
100-44-7	Benzyl Chloride	ND	1.0	0.50	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.50	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.50	ug/l	
75-25-2	Bromoform	ND	1.0	0.50	ug/l	
104-51-8	n-Butylbenzene	ND	1.0	0.50	ug/l	
135-98-8	sec-Butylbenzene	ND	1.0	0.50	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
75-00-3	Chloroethane	ND	2.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
544-10-5	1-Chlorohexane	ND	2.0	1.0	ug/l	
95-49-8	o-Chlorotoluene	ND	1.0	0.50	ug/l	
106-43-4	p-Chlorotoluene	ND	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
75-15-0	Carbon disulfide	ND	2.0	1.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.50	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.50	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.50	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-MW01		
Lab Sample ID:	F48898-1	**Date Sampled:**	04/18/07
Matrix:	AQ - Ground Water	**Date Received:**	04/20/07
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	10	5.0	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
97-63-2	Ethyl methacrylate	ND	5.0	2.0	ug/l	
76-13-1	Freon 113	ND	1.0	0.50	ug/l	
591-78-6	2-Hexanone	ND	5.0	2.5	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.50	ug/l	
110-54-3	Hexane	ND	2.0	1.0	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.50	ug/l	
99-87-6	p-Isopropyltoluene	ND	1.0	0.50	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	5.0	2.5	ug/l	
126-98-7	Methacrylonitrile	ND	20	10	ug/l	
74-83-9	Methyl bromide	ND	2.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	2.0	1.0	ug/l	
74-88-4	Methyl iodide	ND	5.0	2.5	ug/l	
80-62-6	Methyl methacrylate	ND	5.0	2.5	ug/l	
74-95-3	Methylene bromide	ND	2.0	0.50	ug/l	
75-09-2	Methylene chloride	ND	5.0	1.0	ug/l	
78-93-3	Methyl ethyl ketone	ND	5.0	2.5	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
91-20-3	Naphthalene	ND	2.0	1.0	ug/l	
76-01-7	Pentachloroethane	ND	10	5.0	ug/l	
107-12-0	Propionitrile	ND	20	10	ug/l	
103-65-1	n-Propylbenzene	ND	1.0	0.50	ug/l	
100-42-5	Styrene	ND	1.0	0.50	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.40	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.50	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-MW01		
Lab Sample ID:	F48898-1	**Date Sampled:**	04/18/07
Matrix:	AQ - Ground Water	**Date Received:**	04/20/07
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.50	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.50	ug/l	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	10	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.50	ug/l	
108-05-4	Vinyl Acetate	ND	10	5.0	ug/l	
	m,p-Xylene	ND	2.0	0.50	ug/l	
95-47-6	o-Xylene	ND	1.0	0.50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		87-116%
17060-07-0	1,2-Dichloroethane-D4	105%		76-127%
2037-26-5	Toluene-D8	96%		86-112%
460-00-4	4-Bromofluorobenzene	100%		84-120%

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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-MW01		
Lab Sample ID:	F48898-1	**Date Sampled:**	04/18/07
Matrix:	AQ - Ground Water	**Date Received:**	04/20/07
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L036205.D	1	04/26/07	NJ	04/25/07	OP20282	SL1858
Run #2							

	Initial Volume	Final Volume
Run #1	990 ml	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	25	10	ug/l	
95-57-8	2-Chlorophenol	ND	5.1	2.0	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.1	2.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.1	2.0	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.1	2.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	25	10	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	5.1	ug/l	
95-48-7	2-Methylphenol	ND	5.1	2.0	ug/l	
	3&4-Methylphenol	ND	5.1	2.0	ug/l	
88-75-5	2-Nitrophenol	ND	5.1	2.0	ug/l	
100-02-7	4-Nitrophenol	ND	25	10	ug/l	
87-86-5	Pentachlorophenol	ND	25	10	ug/l	
108-95-2	Phenol	ND	5.1	2.0	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.1	2.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.1	2.0	ug/l	
83-32-9	Acenaphthene	ND	5.1	1.0	ug/l	
208-96-8	Acenaphthylene	ND	5.1	1.0	ug/l	
120-12-7	Anthracene	ND	5.1	1.0	ug/l	
92-87-5	Benzidine	ND	25	15	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.1	1.0	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.1	1.0	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.1	1.0	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.1	2.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.1	1.0	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.1	1.0	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.1	2.0	ug/l	
100-51-6	Benzyl Alcohol	ND	5.1	1.0	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.1	1.0	ug/l	
106-47-8	4-Chloroaniline	ND	10	4.0	ug/l	
218-01-9	Chrysene	ND	5.1	1.0	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.1	1.0	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.1	2.0	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-MW01		
Lab Sample ID:	F48898-1	**Date Sampled:**	04/18/07
Matrix:	AQ - Ground Water	**Date Received:**	04/20/07
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	HOLMN		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.1	1.0	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.1	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.1	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.1	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.1	1.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	5.1	2.0	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	5.1	2.0	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	10	5.1	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.1	2.0	ug/l	
132-64-9	Dibenzofuran	ND	5.1	1.0	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.1	2.0	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.1	2.5	ug/l	
84-66-2	Diethyl phthalate	ND	5.1	2.0	ug/l	
131-11-3	Dimethyl phthalate	ND	5.1	2.0	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	5.1	2.5	ug/l	
206-44-0	Fluoranthene	ND	5.1	1.0	ug/l	
86-73-7	Fluorene	ND	5.1	1.0	ug/l	
118-74-1	Hexachlorobenzene	ND	5.1	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.1	2.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	5.1	2.0	ug/l	
67-72-1	Hexachloroethane	ND	5.1	2.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.1	2.0	ug/l	
78-59-1	Isophorone	ND	5.1	1.0	ug/l	
91-57-6	2-Methylnaphthalene	ND	5.1	1.0	ug/l	
88-74-4	2-Nitroaniline	ND	10	4.0	ug/l	
99-09-2	3-Nitroaniline	ND	10	4.0	ug/l	
100-01-6	4-Nitroaniline	ND	10	4.0	ug/l	
91-20-3	Naphthalene	ND	5.1	1.0	ug/l	
98-95-3	Nitrobenzene	ND	5.1	1.0	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.1	2.0	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.1	2.0	ug/l	
85-01-8	Phenanthrene	ND	5.1	1.0	ug/l	
129-00-0	Pyrene	ND	5.1	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.1	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	35%		14-62%
4165-62-2	Phenol-d5	25%		10-40%
118-79-6	2,4,6-Tribromophenol	73%		33-118%

ND = Not detected MDL - Method Detection Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-MW01		
Lab Sample ID:	F48898-1	**Date Sampled:**	04/18/07
Matrix:	AQ - Ground Water	**Date Received:**	04/20/07
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	HOLMN		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	68%		42-108%
321-60-8	2-Fluorobiphenyl	66%		40-106%
1718-51-0	Terphenyl-d14	72%		39-121%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-MW01		
Lab Sample ID:	F48898-1	**Date Sampled:**	04/18/07
Matrix:	AQ - Ground Water	**Date Received:**	04/20/07
Method:	SW846 8015	**Percent Solids:**	n/a
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV026752.D	1	04/30/07	MM	n/a	n/a	GUV1546
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.10	0.050	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	84%		57-129%
98-08-8	aaa-Trifluorotoluene	82%		58-120%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-MW01		
Lab Sample ID:	F48898-1	**Date Sampled:**	04/18/07
Matrix:	AQ - Ground Water	**Date Received:**	04/20/07
Method:	SW846 8015 M SW846 3510C	**Percent Solids:**	n/a
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	YY01969.D	1	04/26/07	MG	04/25/07	OP20275	GYY79
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	0.25	0.10	mg/l	
	TPH (> C22-C36)	0.110	0.25	0.10	mg/l	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	73%		42-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-MW01		
Lab Sample ID:	F48898-1	**Date Sampled:**	04/18/07
Matrix:	AQ - Ground Water	**Date Received:**	04/20/07
		Percent Solids:	n/a
Project:	HOLMN		

General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
Solids, Total Dissolved	6480	100	10	mg/l	1	04/24/07 12:00	LE	EPA 160.1

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	WPOL-MW02		
Lab Sample ID:	F48898-2	**Date Sampled:**	04/18/07
Matrix:	AQ - Ground Water	**Date Received:**	04/20/07
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J029288.D	1	04/30/07	KW	n/a	n/a	VJ2108
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	5.0	ug/l	
75-05-8	Acetonitrile	ND	20	10	ug/l	
107-02-8	Acrolein	ND	20	10	ug/l	
107-13-1	Acrylonitrile	ND	10	5.0	ug/l	
107-05-1	Allyl chloride	ND	10	5.0	ug/l	
71-43-2	Benzene	ND	1.0	0.50	ug/l	
100-44-7	Benzyl Chloride	ND	1.0	0.50	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.50	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.50	ug/l	
75-25-2	Bromoform	ND	1.0	0.50	ug/l	
104-51-8	n-Butylbenzene	ND	1.0	0.50	ug/l	
135-98-8	sec-Butylbenzene	ND	1.0	0.50	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
75-00-3	Chloroethane	ND	2.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
544-10-5	1-Chlorohexane	ND	2.0	1.0	ug/l	
95-49-8	o-Chlorotoluene	ND	1.0	0.50	ug/l	
106-43-4	p-Chlorotoluene	ND	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
75-15-0	Carbon disulfide	ND	2.0	1.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.50	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.50	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.50	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-MW02		
Lab Sample ID:	F48898-2	**Date Sampled:**	04/18/07
Matrix:	AQ - Ground Water	**Date Received:**	04/20/07
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	10	5.0	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
97-63-2	Ethyl methacrylate	ND	5.0	2.0	ug/l	
76-13-1	Freon 113	ND	1.0	0.50	ug/l	
591-78-6	2-Hexanone	ND	5.0	2.5	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.50	ug/l	
110-54-3	Hexane	ND	2.0	1.0	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.50	ug/l	
99-87-6	p-Isopropyltoluene	ND	1.0	0.50	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	5.0	2.5	ug/l	
126-98-7	Methacrylonitrile	ND	20	10	ug/l	
74-83-9	Methyl bromide	ND	2.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	2.0	1.0	ug/l	
74-88-4	Methyl iodide	ND	5.0	2.5	ug/l	
80-62-6	Methyl methacrylate	ND	5.0	2.5	ug/l	
74-95-3	Methylene bromide	ND	2.0	0.50	ug/l	
75-09-2	Methylene chloride	ND	5.0	1.0	ug/l	
78-93-3	Methyl ethyl ketone	ND	5.0	2.5	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
91-20-3	Naphthalene	ND	2.0	1.0	ug/l	
76-01-7	Pentachloroethane	ND	10	5.0	ug/l	
107-12-0	Propionitrile	ND	20	10	ug/l	
103-65-1	n-Propylbenzene	ND	1.0	0.50	ug/l	
100-42-5	Styrene	ND	1.0	0.50	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.40	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.50	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-MW02		
Lab Sample ID:	F48898-2	**Date Sampled:**	04/18/07
Matrix:	AQ - Ground Water	**Date Received:**	04/20/07
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.50	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.50	ug/l	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	10	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.50	ug/l	
108-05-4	Vinyl Acetate	ND	10	5.0	ug/l	
	m,p-Xylene	ND	2.0	0.50	ug/l	
95-47-6	o-Xylene	ND	1.0	0.50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		87-116%
17060-07-0	1,2-Dichloroethane-D4	104%		76-127%
2037-26-5	Toluene-D8	96%		86-112%
460-00-4	4-Bromofluorobenzene	100%		84-120%

ND = Not detected MDL - Method Detection Limit
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E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-MW02		
Lab Sample ID:	F48898-2	**Date Sampled:**	04/18/07
Matrix:	AQ - Ground Water	**Date Received:**	04/20/07
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L036206.D	1	04/26/07	NJ	04/25/07	OP20282	SL1858
Run #2							

	Initial Volume	Final Volume
Run #1	1020 ml	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	25	9.8	ug/l	
95-57-8	2-Chlorophenol	ND	4.9	2.0	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	4.9	2.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND	4.9	2.0	ug/l	
105-67-9	2,4-Dimethylphenol	ND	4.9	2.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	25	9.8	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	9.8	4.9	ug/l	
95-48-7	2-Methylphenol	ND	4.9	2.0	ug/l	
	3&4-Methylphenol	ND	4.9	2.0	ug/l	
88-75-5	2-Nitrophenol	ND	4.9	2.0	ug/l	
100-02-7	4-Nitrophenol	ND	25	9.8	ug/l	
87-86-5	Pentachlorophenol	ND	25	9.8	ug/l	
108-95-2	Phenol	ND	4.9	2.0	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	4.9	2.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	4.9	2.0	ug/l	
83-32-9	Acenaphthene	ND	4.9	0.98	ug/l	
208-96-8	Acenaphthylene	ND	4.9	0.98	ug/l	
120-12-7	Anthracene	ND	4.9	0.98	ug/l	
92-87-5	Benzidine	ND	25	15	ug/l	
56-55-3	Benzo(a)anthracene	ND	4.9	0.98	ug/l	
50-32-8	Benzo(a)pyrene	ND	4.9	0.98	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	4.9	0.98	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	4.9	2.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	4.9	0.98	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	4.9	0.98	ug/l	
85-68-7	Butyl benzyl phthalate	ND	4.9	2.0	ug/l	
100-51-6	Benzyl Alcohol	ND	4.9	0.98	ug/l	
91-58-7	2-Chloronaphthalene	ND	4.9	0.98	ug/l	
106-47-8	4-Chloroaniline	ND	9.8	3.9	ug/l	
218-01-9	Chrysene	ND	4.9	0.98	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	4.9	0.98	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	4.9	2.0	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-MW02		
Lab Sample ID:	F48898-2	**Date Sampled:**	04/18/07
Matrix:	AQ - Ground Water	**Date Received:**	04/20/07
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	HOLMN		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	4.9	0.98	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	4.9	0.98	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	4.9	0.98	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	4.9	0.98	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	4.9	0.98	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	4.9	2.0	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	4.9	2.0	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	9.8	4.9	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	4.9	2.0	ug/l	
132-64-9	Dibenzofuran	ND	4.9	0.98	ug/l	
84-74-2	Di-n-butyl phthalate	ND	4.9	2.0	ug/l	
117-84-0	Di-n-octyl phthalate	ND	4.9	2.5	ug/l	
84-66-2	Diethyl phthalate	ND	4.9	2.0	ug/l	
131-11-3	Dimethyl phthalate	ND	4.9	2.0	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	4.9	2.5	ug/l	
206-44-0	Fluoranthene	ND	4.9	0.98	ug/l	
86-73-7	Fluorene	ND	4.9	0.98	ug/l	
118-74-1	Hexachlorobenzene	ND	4.9	0.98	ug/l	
87-68-3	Hexachlorobutadiene	ND	4.9	2.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	4.9	2.0	ug/l	
67-72-1	Hexachloroethane	ND	4.9	2.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	4.9	2.0	ug/l	
78-59-1	Isophorone	ND	4.9	0.98	ug/l	
91-57-6	2-Methylnaphthalene	ND	4.9	0.98	ug/l	
88-74-4	2-Nitroaniline	ND	9.8	3.9	ug/l	
99-09-2	3-Nitroaniline	ND	9.8	3.9	ug/l	
100-01-6	4-Nitroaniline	ND	9.8	3.9	ug/l	
91-20-3	Naphthalene	ND	4.9	0.98	ug/l	
98-95-3	Nitrobenzene	ND	4.9	0.98	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	4.9	2.0	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	4.9	2.0	ug/l	
85-01-8	Phenanthrene	ND	4.9	0.98	ug/l	
129-00-0	Pyrene	ND	4.9	0.98	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	4.9	0.98	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	35%		14-62%
4165-62-2	Phenol-d5	24%		10-40%
118-79-6	2,4,6-Tribromophenol	74%		33-118%

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E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-MW02		
Lab Sample ID:	F48898-2	**Date Sampled:**	04/18/07
Matrix:	AQ - Ground Water	**Date Received:**	04/20/07
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	HOLMN		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	65%		42-108%
321-60-8	2-Fluorobiphenyl	64%		40-106%
1718-51-0	Terphenyl-d14	68%		39-121%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-MW02		
Lab Sample ID:	F48898-2	**Date Sampled:**	04/18/07
Matrix:	AQ - Ground Water	**Date Received:**	04/20/07
Method:	SW846 8015	**Percent Solids:**	n/a
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV026753.D	1	04/30/07	MM	n/a	n/a	GUV1546
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.10	0.050	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	81%		57-129%
98-08-8	aaa-Trifluorotoluene	89%		58-120%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-MW02		
Lab Sample ID:	F48898-2	**Date Sampled:**	04/18/07
Matrix:	AQ - Ground Water	**Date Received:**	04/20/07
Method:	SW846 8015 M SW846 3510C	**Percent Solids:**	n/a
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	YY01970.D	1	04/26/07	MG	04/25/07	OP20275	GYY79
Run #2							

	Initial Volume	Final Volume
Run #1	990 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	0.25	0.10	mg/l	
	TPH (> C22-C36)	0.164	0.25	0.10	mg/l	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	85%		42-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-MW02		
Lab Sample ID:	F48898-2	**Date Sampled:**	04/18/07
Matrix:	AQ - Ground Water	**Date Received:**	04/20/07
		Percent Solids:	n/a
Project:	HOLMN		

General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
Solids, Total Dissolved	3430	100	10	mg/l	1	04/24/07 12:00	LE	EPA 160.1

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	WPOL-MW03		
Lab Sample ID:	F48898-3	**Date Sampled:**	04/18/07
Matrix:	AQ - Ground Water	**Date Received:**	04/20/07
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J029282.D	1	04/30/07	KW	n/a	n/a	VJ2108
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	5.0	ug/l	
75-05-8	Acetonitrile	ND	20	10	ug/l	
107-02-8	Acrolein	ND	20	10	ug/l	
107-13-1	Acrylonitrile	ND	10	5.0	ug/l	
107-05-1	Allyl chloride	ND	10	5.0	ug/l	
71-43-2	Benzene	ND	1.0	0.50	ug/l	
100-44-7	Benzyl Chloride	ND	1.0	0.50	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.50	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.50	ug/l	
75-25-2	Bromoform	ND	1.0	0.50	ug/l	
104-51-8	n-Butylbenzene	1.6	1.0	0.50	ug/l	
135-98-8	sec-Butylbenzene	9.1	1.0	0.50	ug/l	
98-06-6	tert-Butylbenzene	0.67	1.0	0.50	ug/l	J
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
75-00-3	Chloroethane	ND	2.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
544-10-5	1-Chlorohexane	ND	2.0	1.0	ug/l	
95-49-8	o-Chlorotoluene	ND	1.0	0.50	ug/l	
106-43-4	p-Chlorotoluene	ND	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
75-15-0	Carbon disulfide	ND	2.0	1.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.50	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.50	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.50	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-MW03		
Lab Sample ID:	F48898-3	**Date Sampled:**	04/18/07
Matrix:	AQ - Ground Water	**Date Received:**	04/20/07
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	10	5.0	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
97-63-2	Ethyl methacrylate	ND	5.0	2.0	ug/l	
76-13-1	Freon 113	ND	1.0	0.50	ug/l	
591-78-6	2-Hexanone	ND	5.0	2.5	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.50	ug/l	
110-54-3	Hexane	ND	2.0	1.0	ug/l	
98-82-8	Isopropylbenzene	2.3	1.0	0.50	ug/l	
99-87-6	p-Isopropyltoluene	ND	1.0	0.50	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	5.0	2.5	ug/l	
126-98-7	Methacrylonitrile	ND	20	10	ug/l	
74-83-9	Methyl bromide	ND	2.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	2.0	1.0	ug/l	
74-88-4	Methyl iodide	ND	5.0	2.5	ug/l	
80-62-6	Methyl methacrylate	ND	5.0	2.5	ug/l	
74-95-3	Methylene bromide	ND	2.0	0.50	ug/l	
75-09-2	Methylene chloride	ND	5.0	1.0	ug/l	
78-93-3	Methyl ethyl ketone	ND	5.0	2.5	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
91-20-3	Naphthalene	1.6	2.0	1.0	ug/l	J
76-01-7	Pentachloroethane	ND	10	5.0	ug/l	
107-12-0	Propionitrile	ND	20	10	ug/l	
103-65-1	n-Propylbenzene	0.56	1.0	0.50	ug/l	J
100-42-5	Styrene	ND	1.0	0.50	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.40	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.50	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-MW03		
Lab Sample ID:	F48898-3	**Date Sampled:**	04/18/07
Matrix:	AQ - Ground Water	**Date Received:**	04/20/07
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.50	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.50	ug/l	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	10	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.50	ug/l	
108-05-4	Vinyl Acetate	ND	10	5.0	ug/l	
	m,p-Xylene	ND	2.0	0.50	ug/l	
95-47-6	o-Xylene	ND	1.0	0.50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		87-116%
17060-07-0	1,2-Dichloroethane-D4	103%		76-127%
2037-26-5	Toluene-D8	97%		86-112%
460-00-4	4-Bromofluorobenzene	101%		84-120%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-MW03		
Lab Sample ID:	F48898-3	**Date Sampled:**	04/18/07
Matrix:	AQ - Ground Water	**Date Received:**	04/20/07
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L036207.D	1	04/26/07	NJ	04/25/07	OP20282	SL1858
Run #2							

	Initial Volume	Final Volume
Run #1	980 ml	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	26	10	ug/l	
95-57-8	2-Chlorophenol	ND	5.1	2.0	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.1	2.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.1	2.0	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.1	2.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	26	10	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	5.1	ug/l	
95-48-7	2-Methylphenol	ND	5.1	2.0	ug/l	
	3&4-Methylphenol	ND	5.1	2.0	ug/l	
88-75-5	2-Nitrophenol	ND	5.1	2.0	ug/l	
100-02-7	4-Nitrophenol	ND	26	10	ug/l	
87-86-5	Pentachlorophenol	ND	26	10	ug/l	
108-95-2	Phenol	ND	5.1	2.0	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.1	2.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.1	2.0	ug/l	
83-32-9	Acenaphthene	ND	5.1	1.0	ug/l	
208-96-8	Acenaphthylene	ND	5.1	1.0	ug/l	
120-12-7	Anthracene	ND	5.1	1.0	ug/l	
92-87-5	Benzidine	ND	26	15	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.1	1.0	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.1	1.0	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.1	1.0	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.1	2.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.1	1.0	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.1	1.0	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.1	2.0	ug/l	
100-51-6	Benzyl Alcohol	ND	5.1	1.0	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.1	1.0	ug/l	
106-47-8	4-Chloroaniline	ND	10	4.1	ug/l	
218-01-9	Chrysene	ND	5.1	1.0	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.1	1.0	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.1	2.0	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-MW03		
Lab Sample ID:	F48898-3	**Date Sampled:**	04/18/07
Matrix:	AQ - Ground Water	**Date Received:**	04/20/07
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	HOLMN		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.1	1.0	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.1	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.1	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.1	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.1	1.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	5.1	2.0	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	5.1	2.0	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	10	5.1	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.1	2.0	ug/l	
132-64-9	Dibenzofuran	ND	5.1	1.0	ug/l	
84-74-2	Di-n-butyl phthalate	ND	5.1	2.0	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.1	2.6	ug/l	
84-66-2	Diethyl phthalate	ND	5.1	2.0	ug/l	
131-11-3	Dimethyl phthalate	ND	5.1	2.0	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	5.1	2.6	ug/l	
206-44-0	Fluoranthene	ND	5.1	1.0	ug/l	
86-73-7	Fluorene	ND	5.1	1.0	ug/l	
118-74-1	Hexachlorobenzene	ND	5.1	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.1	2.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	5.1	2.0	ug/l	
67-72-1	Hexachloroethane	ND	5.1	2.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.1	2.0	ug/l	
78-59-1	Isophorone	ND	5.1	1.0	ug/l	
91-57-6	2-Methylnaphthalene	ND	5.1	1.0	ug/l	
88-74-4	2-Nitroaniline	ND	10	4.1	ug/l	
99-09-2	3-Nitroaniline	ND	10	4.1	ug/l	
100-01-6	4-Nitroaniline	ND	10	4.1	ug/l	
91-20-3	Naphthalene	ND	5.1	1.0	ug/l	
98-95-3	Nitrobenzene	ND	5.1	1.0	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.1	2.0	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.1	2.0	ug/l	
85-01-8	Phenanthrene	ND	5.1	1.0	ug/l	
129-00-0	Pyrene	ND	5.1	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.1	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	36%		14-62%
4165-62-2	Phenol-d5	25%		10-40%
118-79-6	2,4,6-Tribromophenol	74%		33-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-MW03		
Lab Sample ID:	F48898-3	**Date Sampled:**	04/18/07
Matrix:	AQ - Ground Water	**Date Received:**	04/20/07
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	HOLMN		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	64%		42-108%
321-60-8	2-Fluorobiphenyl	62%		40-106%
1718-51-0	Terphenyl-d14	68%		39-121%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-MW03		
Lab Sample ID:	F48898-3	**Date Sampled:**	04/18/07
Matrix:	AQ - Ground Water	**Date Received:**	04/20/07
Method:	SW846 8015	**Percent Solids:**	n/a
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV026764.D	1	05/01/07	MM	n/a	n/a	GUV1547
Run #2 [a]	UV026754.D	5	04/30/07	MM	n/a	n/a	GUV1546

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.10	0.050	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	119%	95%	57-129%
98-08-8	aaa-Trifluorotoluene	98%	86%	58-120%

(a) Confirmation run.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-MW03		
Lab Sample ID:	F48898-3	**Date Sampled:**	04/18/07
Matrix:	AQ - Ground Water	**Date Received:**	04/20/07
Method:	SW846 8015 M SW846 3510C	**Percent Solids:**	n/a
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	YY01991.D	1	04/26/07	MG	04/25/07	OP20275	GYY79
Run #2							

	Initial Volume	Final Volume
Run #1	980 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	1.00	0.26	0.10	mg/l	
	TPH (> C22-C36)	0.605	0.26	0.10	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	88%		42-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-MW03		
Lab Sample ID:	F48898-3	**Date Sampled:**	04/18/07
Matrix:	AQ - Ground Water	**Date Received:**	04/20/07
		Percent Solids:	n/a
Project:	HOLMN		

General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
Solids, Total Dissolved	2680	100	10	mg/l	1	04/24/07 12:00	LE	EPA 160.1

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	WPOL-MW04-a		
Lab Sample ID:	F48898-4	**Date Sampled:**	04/18/07
Matrix:	AQ - Ground Water	**Date Received:**	04/20/07
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J029289.D	1	04/30/07	KW	n/a	n/a	VJ2108
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	5.0	ug/l	
75-05-8	Acetonitrile	ND	20	10	ug/l	
107-02-8	Acrolein	ND	20	10	ug/l	
107-13-1	Acrylonitrile	ND	10	5.0	ug/l	
107-05-1	Allyl chloride	ND	10	5.0	ug/l	
71-43-2	Benzene	ND	1.0	0.50	ug/l	
100-44-7	Benzyl Chloride	ND	1.0	0.50	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.50	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.50	ug/l	
75-25-2	Bromoform	ND	1.0	0.50	ug/l	
104-51-8	n-Butylbenzene	1.4	1.0	0.50	ug/l	
135-98-8	sec-Butylbenzene	8.8	1.0	0.50	ug/l	
98-06-6	tert-Butylbenzene	0.64	1.0	0.50	ug/l	J
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
75-00-3	Chloroethane	ND	2.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
544-10-5	1-Chlorohexane	ND	2.0	1.0	ug/l	
95-49-8	o-Chlorotoluene	ND	1.0	0.50	ug/l	
106-43-4	p-Chlorotoluene	ND	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
75-15-0	Carbon disulfide	ND	2.0	1.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.50	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.50	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.50	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-MW04-a		
Lab Sample ID:	F48898-4	**Date Sampled:**	04/18/07
Matrix:	AQ - Ground Water	**Date Received:**	04/20/07
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	10	5.0	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
97-63-2	Ethyl methacrylate	ND	5.0	2.0	ug/l	
76-13-1	Freon 113	ND	1.0	0.50	ug/l	
591-78-6	2-Hexanone	ND	5.0	2.5	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.50	ug/l	
110-54-3	Hexane	ND	2.0	1.0	ug/l	
98-82-8	Isopropylbenzene	2.2	1.0	0.50	ug/l	
99-87-6	p-Isopropyltoluene	ND	1.0	0.50	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	5.0	2.5	ug/l	
126-98-7	Methacrylonitrile	ND	20	10	ug/l	
74-83-9	Methyl bromide	ND	2.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	2.0	1.0	ug/l	
74-88-4	Methyl iodide	ND	5.0	2.5	ug/l	
80-62-6	Methyl methacrylate	ND	5.0	2.5	ug/l	
74-95-3	Methylene bromide	ND	2.0	0.50	ug/l	
75-09-2	Methylene chloride	ND	5.0	1.0	ug/l	
78-93-3	Methyl ethyl ketone	ND	5.0	2.5	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
91-20-3	Naphthalene	1.2	2.0	1.0	ug/l	J
76-01-7	Pentachloroethane	ND	10	5.0	ug/l	
107-12-0	Propionitrile	ND	20	10	ug/l	
103-65-1	n-Propylbenzene	0.52	1.0	0.50	ug/l	J
100-42-5	Styrene	ND	1.0	0.50	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.40	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.50	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-MW04-a		
Lab Sample ID:	F48898-4	**Date Sampled:**	04/18/07
Matrix:	AQ - Ground Water	**Date Received:**	04/20/07
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.50	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.50	ug/l	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	10	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.50	ug/l	
108-05-4	Vinyl Acetate	ND	10	5.0	ug/l	
	m,p-Xylene	ND	2.0	0.50	ug/l	
95-47-6	o-Xylene	ND	1.0	0.50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		87-116%
17060-07-0	1,2-Dichloroethane-D4	104%		76-127%
2037-26-5	Toluene-D8	97%		86-112%
460-00-4	4-Bromofluorobenzene	100%		84-120%

ND = Not detected MDL - Method Detection Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-MW04-a		
Lab Sample ID:	F48898-4	**Date Sampled:**	04/18/07
Matrix:	AQ - Ground Water	**Date Received:**	04/20/07
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L036210.D	1	04/26/07	NJ	04/25/07	OP20282	SL1858
Run #2							

	Initial Volume	Final Volume
Run #1	990 ml	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	25	10	ug/l	
95-57-8	2-Chlorophenol	ND	5.1	2.0	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.1	2.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND	5.1	2.0	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.1	2.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	25	10	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	10	5.1	ug/l	
95-48-7	2-Methylphenol	ND	5.1	2.0	ug/l	
	3&4-Methylphenol	ND	5.1	2.0	ug/l	
88-75-5	2-Nitrophenol	ND	5.1	2.0	ug/l	
100-02-7	4-Nitrophenol	ND	25	10	ug/l	
87-86-5	Pentachlorophenol	ND	25	10	ug/l	
108-95-2	Phenol	ND	5.1	2.0	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.1	2.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	5.1	2.0	ug/l	
83-32-9	Acenaphthene	ND	5.1	1.0	ug/l	
208-96-8	Acenaphthylene	ND	5.1	1.0	ug/l	
120-12-7	Anthracene	ND	5.1	1.0	ug/l	
92-87-5	Benzidine	ND	25	15	ug/l	
56-55-3	Benzo(a)anthracene	ND	5.1	1.0	ug/l	
50-32-8	Benzo(a)pyrene	ND	5.1	1.0	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	5.1	1.0	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	5.1	2.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	5.1	1.0	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	5.1	1.0	ug/l	
85-68-7	Butyl benzyl phthalate	ND	5.1	2.0	ug/l	
100-51-6	Benzyl Alcohol	ND	5.1	1.0	ug/l	
91-58-7	2-Chloronaphthalene	ND	5.1	1.0	ug/l	
106-47-8	4-Chloroaniline	ND	10	4.0	ug/l	
218-01-9	Chrysene	ND	5.1	1.0	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	5.1	1.0	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	5.1	2.0	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-MW04-a		
Lab Sample ID:	F48898-4	**Date Sampled:**	04/18/07
Matrix:	AQ - Ground Water	**Date Received:**	04/20/07
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	HOLMN		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	5.1	1.0	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	5.1	1.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	5.1	1.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	5.1	1.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	5.1	1.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	5.1	2.0	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	5.1	2.0	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	10	5.1	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	5.1	2.0	ug/l	
132-64-9	Dibenzofuran	1.1	5.1	1.0	ug/l	J
84-74-2	Di-n-butyl phthalate	ND	5.1	2.0	ug/l	
117-84-0	Di-n-octyl phthalate	ND	5.1	2.5	ug/l	
84-66-2	Diethyl phthalate	ND	5.1	2.0	ug/l	
131-11-3	Dimethyl phthalate	ND	5.1	2.0	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	5.1	2.5	ug/l	
206-44-0	Fluoranthene	ND	5.1	1.0	ug/l	
86-73-7	Fluorene	ND	5.1	1.0	ug/l	
118-74-1	Hexachlorobenzene	ND	5.1	1.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.1	2.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	5.1	2.0	ug/l	
67-72-1	Hexachloroethane	ND	5.1	2.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	5.1	2.0	ug/l	
78-59-1	Isophorone	ND	5.1	1.0	ug/l	
91-57-6	2-Methylnaphthalene	ND	5.1	1.0	ug/l	
88-74-4	2-Nitroaniline	ND	10	4.0	ug/l	
99-09-2	3-Nitroaniline	ND	10	4.0	ug/l	
100-01-6	4-Nitroaniline	ND	10	4.0	ug/l	
91-20-3	Naphthalene	ND	5.1	1.0	ug/l	
98-95-3	Nitrobenzene	ND	5.1	1.0	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	5.1	2.0	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.1	2.0	ug/l	
85-01-8	Phenanthrene	ND	5.1	1.0	ug/l	
129-00-0	Pyrene	ND	5.1	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.1	1.0	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	39%		14-62%
4165-62-2	Phenol-d5	27%		10-40%
118-79-6	2,4,6-Tribromophenol	77%		33-118%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-MW04-a		
Lab Sample ID:	F48898-4	**Date Sampled:**	04/18/07
Matrix:	AQ - Ground Water	**Date Received:**	04/20/07
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	HOLMN		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	72%		42-108%
321-60-8	2-Fluorobiphenyl	67%		40-106%
1718-51-0	Terphenyl-d14	63%		39-121%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-MW04-a		
Lab Sample ID:	F48898-4	**Date Sampled:**	04/18/07
Matrix:	AQ - Ground Water	**Date Received:**	04/20/07
Method:	SW846 8015	**Percent Solids:**	n/a
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV026767.D	1	05/01/07	MM	n/a	n/a	GUV1547
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.10	0.050	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	111%		57-129%
98-08-8	aaa-Trifluorotoluene	95%		58-120%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-MW04-a		
Lab Sample ID:	F48898-4	**Date Sampled:**	04/18/07
Matrix:	AQ - Ground Water	**Date Received:**	04/20/07
Method:	SW846 8015 M SW846 3510C	**Percent Solids:**	n/a
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	YY01994.D	1	04/26/07	MG	04/25/07	OP20275	GYY79
Run #2							

	Initial Volume	Final Volume
Run #1	980 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	0.988	0.26	0.10	mg/l	
	TPH (> C22-C36)	0.634	0.26	0.10	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	86%		42-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-MW04-a		
Lab Sample ID:	F48898-4	**Date Sampled:**	04/18/07
Matrix:	AQ - Ground Water	**Date Received:**	04/20/07
		Percent Solids:	n/a
Project:	HOLMN		

General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
Solids, Total Dissolved	3880	100	10	mg/l	1	04/24/07 12:00	LE	EPA 160.1

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	WPOL-TB01		
Lab Sample ID:	F48898-5	**Date Sampled:**	04/18/07
Matrix:	AQ - Trip Blank Water	**Date Received:**	04/20/07
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J029290.D	1	04/30/07	KW	n/a	n/a	VJ2108
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	5.0	ug/l	
75-05-8	Acetonitrile	ND	20	10	ug/l	
107-02-8	Acrolein	ND	20	10	ug/l	
107-13-1	Acrylonitrile	ND	10	5.0	ug/l	
107-05-1	Allyl chloride	ND	10	5.0	ug/l	
71-43-2	Benzene	ND	1.0	0.50	ug/l	
100-44-7	Benzyl Chloride	ND	1.0	0.50	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.50	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.50	ug/l	
75-25-2	Bromoform	ND	1.0	0.50	ug/l	
104-51-8	n-Butylbenzene	ND	1.0	0.50	ug/l	
135-98-8	sec-Butylbenzene	ND	1.0	0.50	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
75-00-3	Chloroethane	ND	2.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
544-10-5	1-Chlorohexane	ND	2.0	1.0	ug/l	
95-49-8	o-Chlorotoluene	ND	1.0	0.50	ug/l	
106-43-4	p-Chlorotoluene	ND	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
75-15-0	Carbon disulfide	ND	2.0	1.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.50	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.50	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.50	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-TB01		
Lab Sample ID:	F48898-5	**Date Sampled:**	04/18/07
Matrix:	AQ - Trip Blank Water	**Date Received:**	04/20/07
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	10	5.0	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
97-63-2	Ethyl methacrylate	ND	5.0	2.0	ug/l	
76-13-1	Freon 113	ND	1.0	0.50	ug/l	
591-78-6	2-Hexanone	ND	5.0	2.5	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.50	ug/l	
110-54-3	Hexane	ND	2.0	1.0	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.50	ug/l	
99-87-6	p-Isopropyltoluene	ND	1.0	0.50	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	5.0	2.5	ug/l	
126-98-7	Methacrylonitrile	ND	20	10	ug/l	
74-83-9	Methyl bromide	ND	2.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	2.0	1.0	ug/l	
74-88-4	Methyl iodide	ND	5.0	2.5	ug/l	
80-62-6	Methyl methacrylate	ND	5.0	2.5	ug/l	
74-95-3	Methylene bromide	ND	2.0	0.50	ug/l	
75-09-2	Methylene chloride	1.1	5.0	1.0	ug/l	JB
78-93-3	Methyl ethyl ketone	ND	5.0	2.5	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
91-20-3	Naphthalene	ND	2.0	1.0	ug/l	
76-01-7	Pentachloroethane	ND	10	5.0	ug/l	
107-12-0	Propionitrile	ND	20	10	ug/l	
103-65-1	n-Propylbenzene	ND	1.0	0.50	ug/l	
100-42-5	Styrene	ND	1.0	0.50	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.40	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.50	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-TB01		
Lab Sample ID:	F48898-5	**Date Sampled:**	04/18/07
Matrix:	AQ - Trip Blank Water	**Date Received:**	04/20/07
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.50	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.50	ug/l	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	10	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.50	ug/l	
108-05-4	Vinyl Acetate	ND	10	5.0	ug/l	
	m,p-Xylene	ND	2.0	0.50	ug/l	
95-47-6	o-Xylene	ND	1.0	0.50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		87-116%
17060-07-0	1,2-Dichloroethane-D4	104%		76-127%
2037-26-5	Toluene-D8	97%		86-112%
460-00-4	4-Bromofluorobenzene	102%		84-120%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-TB02		
Lab Sample ID:	F48898-6	**Date Sampled:**	04/18/07
Matrix:	AQ - Trip Blank Water	**Date Received:**	04/20/07
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J029291.D	1	04/30/07	KW	n/a	n/a	VJ2108
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	5.0	ug/l	
75-05-8	Acetonitrile	ND	20	10	ug/l	
107-02-8	Acrolein	ND	20	10	ug/l	
107-13-1	Acrylonitrile	ND	10	5.0	ug/l	
107-05-1	Allyl chloride	ND	10	5.0	ug/l	
71-43-2	Benzene	ND	1.0	0.50	ug/l	
100-44-7	Benzyl Chloride	ND	1.0	0.50	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.50	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.50	ug/l	
75-25-2	Bromoform	ND	1.0	0.50	ug/l	
104-51-8	n-Butylbenzene	ND	1.0	0.50	ug/l	
135-98-8	sec-Butylbenzene	ND	1.0	0.50	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
75-00-3	Chloroethane	ND	2.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
544-10-5	1-Chlorohexane	ND	2.0	1.0	ug/l	
95-49-8	o-Chlorotoluene	ND	1.0	0.50	ug/l	
106-43-4	p-Chlorotoluene	ND	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
75-15-0	Carbon disulfide	ND	2.0	1.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.50	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.50	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.50	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-TB02		
Lab Sample ID:	F48898-6	**Date Sampled:**	04/18/07
Matrix:	AQ - Trip Blank Water	**Date Received:**	04/20/07
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	10	5.0	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
97-63-2	Ethyl methacrylate	ND	5.0	2.0	ug/l	
76-13-1	Freon 113	ND	1.0	0.50	ug/l	
591-78-6	2-Hexanone	ND	5.0	2.5	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.50	ug/l	
110-54-3	Hexane	ND	2.0	1.0	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.50	ug/l	
99-87-6	p-Isopropyltoluene	ND	1.0	0.50	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	5.0	2.5	ug/l	
126-98-7	Methacrylonitrile	ND	20	10	ug/l	
74-83-9	Methyl bromide	ND	2.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	2.0	1.0	ug/l	
74-88-4	Methyl iodide	ND	5.0	2.5	ug/l	
80-62-6	Methyl methacrylate	ND	5.0	2.5	ug/l	
74-95-3	Methylene bromide	ND	2.0	0.50	ug/l	
75-09-2	Methylene chloride	1.3	5.0	1.0	ug/l	JB
78-93-3	Methyl ethyl ketone	ND	5.0	2.5	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
91-20-3	Naphthalene	ND	2.0	1.0	ug/l	
76-01-7	Pentachloroethane	ND	10	5.0	ug/l	
107-12-0	Propionitrile	ND	20	10	ug/l	
103-65-1	n-Propylbenzene	ND	1.0	0.50	ug/l	
100-42-5	Styrene	ND	1.0	0.50	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.40	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.50	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-TB02		
Lab Sample ID:	F48898-6	**Date Sampled:**	04/18/07
Matrix:	AQ - Trip Blank Water	**Date Received:**	04/20/07
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.50	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.50	ug/l	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	10	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.50	ug/l	
108-05-4	Vinyl Acetate	ND	10	5.0	ug/l	
	m,p-Xylene	ND	2.0	0.50	ug/l	
95-47-6	o-Xylene	ND	1.0	0.50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		87-116%
17060-07-0	1,2-Dichloroethane-D4	103%		76-127%
2037-26-5	Toluene-D8	97%		86-112%
460-00-4	4-Bromofluorobenzene	103%		84-120%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-TB03		
Lab Sample ID:	F48898-7	**Date Sampled:**	04/18/07
Matrix:	AQ - Trip Blank Water	**Date Received:**	04/20/07
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J029292.D	1	04/30/07	KW	n/a	n/a	VJ2108
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	5.0	ug/l	
75-05-8	Acetonitrile	ND	20	10	ug/l	
107-02-8	Acrolein	ND	20	10	ug/l	
107-13-1	Acrylonitrile	ND	10	5.0	ug/l	
107-05-1	Allyl chloride	ND	10	5.0	ug/l	
71-43-2	Benzene	ND	1.0	0.50	ug/l	
100-44-7	Benzyl Chloride	ND	1.0	0.50	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.50	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.50	ug/l	
75-25-2	Bromoform	ND	1.0	0.50	ug/l	
104-51-8	n-Butylbenzene	ND	1.0	0.50	ug/l	
135-98-8	sec-Butylbenzene	ND	1.0	0.50	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
75-00-3	Chloroethane	ND	2.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
544-10-5	1-Chlorohexane	ND	2.0	1.0	ug/l	
95-49-8	o-Chlorotoluene	ND	1.0	0.50	ug/l	
106-43-4	p-Chlorotoluene	ND	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
75-15-0	Carbon disulfide	ND	2.0	1.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.50	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.50	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.50	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-TB03		
Lab Sample ID:	F48898-7	**Date Sampled:**	04/18/07
Matrix:	AQ - Trip Blank Water	**Date Received:**	04/20/07
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	10	5.0	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
97-63-2	Ethyl methacrylate	ND	5.0	2.0	ug/l	
76-13-1	Freon 113	ND	1.0	0.50	ug/l	
591-78-6	2-Hexanone	ND	5.0	2.5	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.50	ug/l	
110-54-3	Hexane	ND	2.0	1.0	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.50	ug/l	
99-87-6	p-Isopropyltoluene	ND	1.0	0.50	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	5.0	2.5	ug/l	
126-98-7	Methacrylonitrile	ND	20	10	ug/l	
74-83-9	Methyl bromide	ND	2.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	2.0	1.0	ug/l	
74-88-4	Methyl iodide	ND	5.0	2.5	ug/l	
80-62-6	Methyl methacrylate	ND	5.0	2.5	ug/l	
74-95-3	Methylene bromide	ND	2.0	0.50	ug/l	
75-09-2	Methylene chloride	1.3	5.0	1.0	ug/l	JB
78-93-3	Methyl ethyl ketone	ND	5.0	2.5	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
91-20-3	Naphthalene	ND	2.0	1.0	ug/l	
76-01-7	Pentachloroethane	ND	10	5.0	ug/l	
107-12-0	Propionitrile	ND	20	10	ug/l	
103-65-1	n-Propylbenzene	ND	1.0	0.50	ug/l	
100-42-5	Styrene	ND	1.0	0.50	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.40	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.50	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-TB03		
Lab Sample ID:	F48898-7	**Date Sampled:**	04/18/07
Matrix:	AQ - Trip Blank Water	**Date Received:**	04/20/07
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.50	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.50	ug/l	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	10	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.50	ug/l	
108-05-4	Vinyl Acetate	ND	10	5.0	ug/l	
	m,p-Xylene	ND	2.0	0.50	ug/l	
95-47-6	o-Xylene	ND	1.0	0.50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		87-116%
17060-07-0	1,2-Dichloroethane-D4	103%		76-127%
2037-26-5	Toluene-D8	96%		86-112%
460-00-4	4-Bromofluorobenzene	102%		84-120%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-TB05		
Lab Sample ID:	F48898-8	**Date Sampled:**	04/18/07
Matrix:	AQ - Trip Blank Water	**Date Received:**	04/20/07
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J029293.D	1	04/30/07	KW	n/a	n/a	VJ2108
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	5.0	ug/l	
75-05-8	Acetonitrile	ND	20	10	ug/l	
107-02-8	Acrolein	ND	20	10	ug/l	
107-13-1	Acrylonitrile	ND	10	5.0	ug/l	
107-05-1	Allyl chloride	ND	10	5.0	ug/l	
71-43-2	Benzene	ND	1.0	0.50	ug/l	
100-44-7	Benzyl Chloride	ND	1.0	0.50	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.50	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.50	ug/l	
75-25-2	Bromoform	ND	1.0	0.50	ug/l	
104-51-8	n-Butylbenzene	ND	1.0	0.50	ug/l	
135-98-8	sec-Butylbenzene	ND	1.0	0.50	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
75-00-3	Chloroethane	ND	2.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
544-10-5	1-Chlorohexane	ND	2.0	1.0	ug/l	
95-49-8	o-Chlorotoluene	ND	1.0	0.50	ug/l	
106-43-4	p-Chlorotoluene	ND	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
75-15-0	Carbon disulfide	ND	2.0	1.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.50	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.50	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.50	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-TB05		
Lab Sample ID:	F48898-8	**Date Sampled:**	04/18/07
Matrix:	AQ - Trip Blank Water	**Date Received:**	04/20/07
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	10	5.0	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
97-63-2	Ethyl methacrylate	ND	5.0	2.0	ug/l	
76-13-1	Freon 113	ND	1.0	0.50	ug/l	
591-78-6	2-Hexanone	ND	5.0	2.5	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.50	ug/l	
110-54-3	Hexane	ND	2.0	1.0	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.50	ug/l	
99-87-6	p-Isopropyltoluene	ND	1.0	0.50	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	5.0	2.5	ug/l	
126-98-7	Methacrylonitrile	ND	20	10	ug/l	
74-83-9	Methyl bromide	ND	2.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	2.0	1.0	ug/l	
74-88-4	Methyl iodide	ND	5.0	2.5	ug/l	
80-62-6	Methyl methacrylate	ND	5.0	2.5	ug/l	
74-95-3	Methylene bromide	ND	2.0	0.50	ug/l	
75-09-2	Methylene chloride	1.2	5.0	1.0	ug/l	JB
78-93-3	Methyl ethyl ketone	ND	5.0	2.5	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
91-20-3	Naphthalene	ND	2.0	1.0	ug/l	
76-01-7	Pentachloroethane	ND	10	5.0	ug/l	
107-12-0	Propionitrile	ND	20	10	ug/l	
103-65-1	n-Propylbenzene	ND	1.0	0.50	ug/l	
100-42-5	Styrene	ND	1.0	0.50	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.40	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.50	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-TB05		
Lab Sample ID:	F48898-8	**Date Sampled:**	04/18/07
Matrix:	AQ - Trip Blank Water	**Date Received:**	04/20/07
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.50	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.50	ug/l	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	10	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.50	ug/l	
108-05-4	Vinyl Acetate	ND	10	5.0	ug/l	
	m,p-Xylene	ND	2.0	0.50	ug/l	
95-47-6	o-Xylene	ND	1.0	0.50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		87-116%
17060-07-0	1,2-Dichloroethane-D4	102%		76-127%
2037-26-5	Toluene-D8	97%		86-112%
460-00-4	4-Bromofluorobenzene	103%		84-120%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-TB06		
Lab Sample ID:	F48898-9	**Date Sampled:**	04/18/07
Matrix:	AQ - Trip Blank Water	**Date Received:**	04/20/07
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J029294.D	1	04/30/07	KW	n/a	n/a	VJ2108
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	7.9	25	5.0	ug/l	JB
75-05-8	Acetonitrile	ND	20	10	ug/l	
107-02-8	Acrolein	ND	20	10	ug/l	
107-13-1	Acrylonitrile	ND	10	5.0	ug/l	
107-05-1	Allyl chloride	ND	10	5.0	ug/l	
71-43-2	Benzene	ND	1.0	0.50	ug/l	
100-44-7	Benzyl Chloride	ND	1.0	0.50	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.50	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.50	ug/l	
75-25-2	Bromoform	ND	1.0	0.50	ug/l	
104-51-8	n-Butylbenzene	ND	1.0	0.50	ug/l	
135-98-8	sec-Butylbenzene	ND	1.0	0.50	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
75-00-3	Chloroethane	ND	2.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
544-10-5	1-Chlorohexane	ND	2.0	1.0	ug/l	
95-49-8	o-Chlorotoluene	ND	1.0	0.50	ug/l	
106-43-4	p-Chlorotoluene	ND	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
75-15-0	Carbon disulfide	ND	2.0	1.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.50	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.50	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.50	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-TB06		
Lab Sample ID:	F48898-9	**Date Sampled:**	04/18/07
Matrix:	AQ - Trip Blank Water	**Date Received:**	04/20/07
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	10	5.0	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
97-63-2	Ethyl methacrylate	ND	5.0	2.0	ug/l	
76-13-1	Freon 113	ND	1.0	0.50	ug/l	
591-78-6	2-Hexanone	ND	5.0	2.5	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.50	ug/l	
110-54-3	Hexane	ND	2.0	1.0	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.50	ug/l	
99-87-6	p-Isopropyltoluene	ND	1.0	0.50	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	5.0	2.5	ug/l	
126-98-7	Methacrylonitrile	ND	20	10	ug/l	
74-83-9	Methyl bromide	ND	2.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	2.0	1.0	ug/l	
74-88-4	Methyl iodide	ND	5.0	2.5	ug/l	
80-62-6	Methyl methacrylate	ND	5.0	2.5	ug/l	
74-95-3	Methylene bromide	ND	2.0	0.50	ug/l	
75-09-2	Methylene chloride	ND	5.0	1.0	ug/l	
78-93-3	Methyl ethyl ketone	ND	5.0	2.5	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
91-20-3	Naphthalene	ND	2.0	1.0	ug/l	
76-01-7	Pentachloroethane	ND	10	5.0	ug/l	
107-12-0	Propionitrile	ND	20	10	ug/l	
103-65-1	n-Propylbenzene	ND	1.0	0.50	ug/l	
100-42-5	Styrene	ND	1.0	0.50	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.40	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.50	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-TB06		
Lab Sample ID:	F48898-9	**Date Sampled:**	04/18/07
Matrix:	AQ - Trip Blank Water	**Date Received:**	04/20/07
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.50	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.50	ug/l	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	10	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.50	ug/l	
108-05-4	Vinyl Acetate	ND	10	5.0	ug/l	
	m,p-Xylene	ND	2.0	0.50	ug/l	
95-47-6	o-Xylene	ND	1.0	0.50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		87-116%
17060-07-0	1,2-Dichloroethane-D4	102%		76-127%
2037-26-5	Toluene-D8	97%		86-112%
460-00-4	4-Bromofluorobenzene	102%		84-120%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-TB07		
Lab Sample ID:	F48898-10	**Date Sampled:**	04/18/07
Matrix:	AQ - Trip Blank Water	**Date Received:**	04/20/07
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J029295.D	1	04/30/07	KW	n/a	n/a	VJ2108
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	8.1	25	5.0	ug/l	JB
75-05-8	Acetonitrile	ND	20	10	ug/l	
107-02-8	Acrolein	ND	20	10	ug/l	
107-13-1	Acrylonitrile	ND	10	5.0	ug/l	
107-05-1	Allyl chloride	ND	10	5.0	ug/l	
71-43-2	Benzene	ND	1.0	0.50	ug/l	
100-44-7	Benzyl Chloride	ND	1.0	0.50	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.50	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.50	ug/l	
75-25-2	Bromoform	ND	1.0	0.50	ug/l	
104-51-8	n-Butylbenzene	ND	1.0	0.50	ug/l	
135-98-8	sec-Butylbenzene	ND	1.0	0.50	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
75-00-3	Chloroethane	ND	2.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
544-10-5	1-Chlorohexane	ND	2.0	1.0	ug/l	
95-49-8	o-Chlorotoluene	ND	1.0	0.50	ug/l	
106-43-4	p-Chlorotoluene	ND	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
75-15-0	Carbon disulfide	ND	2.0	1.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.50	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.50	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.50	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-TB07		
Lab Sample ID:	F48898-10	**Date Sampled:**	04/18/07
Matrix:	AQ - Trip Blank Water	**Date Received:**	04/20/07
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	10	5.0	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
97-63-2	Ethyl methacrylate	ND	5.0	2.0	ug/l	
76-13-1	Freon 113	ND	1.0	0.50	ug/l	
591-78-6	2-Hexanone	ND	5.0	2.5	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.50	ug/l	
110-54-3	Hexane	ND	2.0	1.0	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.50	ug/l	
99-87-6	p-Isopropyltoluene	ND	1.0	0.50	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	5.0	2.5	ug/l	
126-98-7	Methacrylonitrile	ND	20	10	ug/l	
74-83-9	Methyl bromide	ND	2.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	2.0	1.0	ug/l	
74-88-4	Methyl iodide	ND	5.0	2.5	ug/l	
80-62-6	Methyl methacrylate	ND	5.0	2.5	ug/l	
74-95-3	Methylene bromide	ND	2.0	0.50	ug/l	
75-09-2	Methylene chloride	ND	5.0	1.0	ug/l	
78-93-3	Methyl ethyl ketone	ND	5.0	2.5	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
91-20-3	Naphthalene	ND	2.0	1.0	ug/l	
76-01-7	Pentachloroethane	ND	10	5.0	ug/l	
107-12-0	Propionitrile	ND	20	10	ug/l	
103-65-1	n-Propylbenzene	ND	1.0	0.50	ug/l	
100-42-5	Styrene	ND	1.0	0.50	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.40	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.50	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-TB07		
Lab Sample ID:	F48898-10	**Date Sampled:**	04/18/07
Matrix:	AQ - Trip Blank Water	**Date Received:**	04/20/07
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.50	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.50	ug/l	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	10	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.50	ug/l	
108-05-4	Vinyl Acetate	ND	10	5.0	ug/l	
	m,p-Xylene	ND	2.0	0.50	ug/l	
95-47-6	o-Xylene	ND	1.0	0.50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		87-116%
17060-07-0	1,2-Dichloroethane-D4	102%		76-127%
2037-26-5	Toluene-D8	99%		86-112%
460-00-4	4-Bromofluorobenzene	105%		84-120%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

BHATE Environmental Associates, Inc.

1608 13th Avenue South, Suite 300
Birmingham, Alabama 35205
Tel: 205-918-4000
Fax: 205-918-4050

F48898

Chain of Custody and Analytical Request

Page 2 of 2

Project Number: 9040238 11.01

Chain of Custody Number [1]: 04192007-01

LIMS Number:

Facility/Base I.D.: Holloman Air Force Base, New Mexico

Project Name / Site Name: HAFB Groundwater Monitoring West POL Yard

Client Name: USACE

Collected by: K. Thompson / C. McGriff / B. Wolfe / ~~F. Lucero~~ F.L. 4-19-07

Sample Analysis Requested [5]: Number of containers; VOCs 8260B; SVOCs 8270; TPH 8015-GRO; TPH 8015-DRO,ORO; TDS

Quality Assurance Samples [6]: Ambient Blank Lot Control Number; Equipment Blank Lot Control Number; Trip Blank Lot Control Number; Cooler ID

	Field Sample ID (10 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 8270	TPH 8015-GRO	TPH 8015-DRO,ORO	TDS				Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
1	WPOL-MW01		18 APR2007	1030	-	N		WG	11	X	X	X	X	X							1
2	WPOL-MW02		18 APR2007	1155	-	N		WG	11	X	X	X	X	X							2
3	WPOL-MW03		18 APR2007	1435	-	N		WG	11	X	X	X	X	X							3
	~~WPOL-MW04~~		18 APR2007	1200	-	N		WG	~~11~~ 6	X	~~X~~ X	~~X~~ X	~~X~~ X	~~X~~ X							4
4	WPOL-MW03-D		18 APR2007	1435	-	FD		WG	11	X	X	X	X	X							5
3<	WPOL-MW03-MS		18 APR2007	1435	-	MS		WG	11	X	X	X	X	X							6
	WPOL-MW03-MSD		18 APR2007	1435	-	SD		WG	11	X	X	X	X	X							7
5	WPOL-TB01		18 APR2007	—	-	TB		WQ	3	X											1
6	WPOL-TB02		18APR2007	—	-	TB		WQ	3	X											2
7	WPOL-TB03		18APR2007	—	-	TB		WQ	3	X											3
	WPOL-TB04		18APR2007	—	-	TB		WQ	3	X											4

COMMENTS: NOTE: MW04 went dry, will take samples on separate dates - note different dates.

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1. [signature]	4/19/07	0800	1. FED EX		
2. FEX	04-20-07	07:00	2. [signature]		
3.			3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab: _____ Shipped No.: _____

Method of Shipment: FEDEX Airbill Number: _____

Analytical Lab: ACCUTEST Delivery Location: ORLANDO, FL.

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

4.1 4

F48898: Chain of Custody
Page 1 of 3

BHATE

Chain of Custody and Analytical Request

Page 2 of 2

Project Number: 9040238 11,01

Chain of Custody Number (1): 04192007-01

F48898

Facility: HOLLOMAN AIR FORCE BASE, NEW MEXICO

Project Name / Site Name: HAFB GROUNDWATER MONITORING WESTPOL YARD

Client Name: USACE

Collected by: K Thompson / C. McWitt / B. Wolfe / ~~F. Lucas~~ TL 4-19-07

	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 8270	TPH 8015 GRO	8015 DRO/ORO	TDS				Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Code ID
8	WPOL-TB05		18APR2007	—	-	TB		WQ	3	X											5
9	WPOL-TB06		18APR2007	—	-	TB		WQ	3	X											6
10	WPOL-TB07		18APR2007	—	-	TB		WQ	3	X											7
	WPOL-MW04				-	N		WG													4

Comments

Custody Transfers Prior to Receipt by Laboratory

Relinquished by (signed)	Date	Time	Received by (signed)	Date	Time
1. [signature]	4/19/07	0800	1. FED EX		
2. [signature]	04-20-07	09:00	2. [signature]		
3.			3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab:
Method of Shipment: FEDEX
Analytical Lab: Accutest
Lab Recipient:

Shipped: No.:
Airbill Number:
Delivery Location: ORLANDO
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 (-o) Sample, FD = Field Duplicate (-s) 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 Number field).

4.1

4

F48898: Chain of Custody
Page 2 of 3

ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: F48898 CLIENT: BHATE PROJECT: HAFB GW Mont. West Pol Yard

DATE/TIME RECEIVED: 04-20-07 09:00 # OF COOLERS RECEIVED: 6 COOLER TEMPS: 2.0, 2.8, 3.0, 3.4, 3.4, 3.8

METHOD OF DELIVERY: (FEDEX) UPS ACCUTEST COURIER GREYHOUND DELIVERY OTHER

AIRBILL NUMBERS: 8610 5635 3557

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

- [x] TRIP BLANK PROVIDED
- [ ] TRIP BLANK NOT PROVIDED
- [ ] TRIP BLANK NOT ON COC
- [x] TRIP BLANK INTACT
- [ ] TRIP BLANK NOT INTACT
- [x] RECEIVED WATER TRIP BLANK
- [ ] RECEIVED SOIL TRIP BLANK

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)

MISC. INFORMATION

NUMBER OF ENCORES ? 0

NUMBER OF 5035 FIELD KITS ? 0

NUMBER OR LAB FILTERED METALS ? 0

SUMMARY OF COMMENTS: SAMPLES #5 - #10 (TRIP BLANK) RECEIVED TWO HCL VIALS.
SAMPLE #1 RECEIVED ONE 8270 AMBER BROKEN.
★ WE DID NOT RECEIVED ANY BOTTLE FOR SAMPLE ID WPOL-MW04 @ 12:00
(SEE COMMENTS IN COC PAGE 1 of 2)

TECHNICIAN SIGNATURE/DATE [signature] 04-20-07 TECHNICIAN SIGNATURE/DATE

ASBD 10/03/06

4.1

4

F48898: Chain of Custody
Page 3 of 3

Southeast ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

07/07/08

Technical Report for

Bhate Environmental Associates, Inc.

HOLMN

PROJECT # 9040238 11.01

Accutest Job Number: F48994

Sampling Dates: 04/18/07 - 04/24/07

Report to:

Bhate Environmental Associates, Inc.

zbeck@bhate.com

ATTN: Zack Beck

Total number of pages in report: **22**

ACCREDITED IN ACCORDANCE WITH nelac

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 (DOH E83510), NC (573), NJ (FL002), MA (FL946), IA (366), LA (03051), KS (E-10327), SC, AK

This report shall not be reproduced, except in its entirety, without the written approval of Accutest Laboratories.

Test results relate only to samples analyzed.

ACCUTEST LABORATORIES 50 YEARS 1956-2006

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Accutest LabLink@78276 12:45 07-Jul-2008

Sample Summary

Bhate Environmental Associates, Inc.

Job No: F48994

HOLMN
Project No: PROJECT # 9040238 11.01

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
F48994-1	04/18/07	12:00	KTCM	04/25/07	AQ	Ground Water	WPOL-MW04
F48994-1A	04/23/07	11:30	KTCM	04/25/07	AQ	Ground Water	WPOL-MW04
F48994-1B	04/24/07	08:00	KTCM	04/25/07	AQ	Ground Water	WPOL-MW04
F48994-2	04/18/07	00:00	KTCM	04/25/07	AQ	Trip Blank Water	WPOL-TB01

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client: Bhate Environmental Associates, Inc. **Job No:** F48994

Site: HOLMN **Report Date** 5/11/2007 2:44:31 PM

3 Samples, 1 Trip Blank were collected on between 04/18/2007 and 04/24/2007 and received at Accutest on 04/25/2007 properly preserved, at 2 Deg. C and intact. These Samples received an Accutest job number of F48994. 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.

Volatiles by GCMS By Method SW846 8260B

Matrix: AQ **Batch ID:** VJ2110

All method blanks for this batch meet method specific criteria.

Sample(s) F48994-1MS, F48994-1MSD were used as the QC samples indicated.

The following samples were run outside of holding time for method SW846 8260B: F48994-1, F48994-2

MS/MSD Recovery(s) for 2-Chloroethyl vinyl ether are outside control limits due to preservation. See Blank Spike.

Matrix: AQ **Batch ID:** VJ2111

Sample(s) F48890-5MS, F48890-5MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

The following samples were run outside of holding time for method SW846 8260B: F48994-2 Sample re-analyzed beyond hold time; reported results are considered minimum values.

Extractables by GCMS By Method SW846 8270C

Matrix: AQ **Batch ID:** OP20331

All samples were extracted within the recommended method holding time.

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Sample(s) F49050-4MS, F49050-4MSD were used as the QC samples indicated.

Matrix Spike Duplicate Recovery(s) for Benzidine are outside control limits. Probable cause due to matrix interference.

RPD(s) for MSD for Benzidine are outside control limits for sample OP20331-MSD. Probable cause due to sample homogeneity.

Sample(s) OP20331-MS, OP20331-MSD have surrogates outside control limits. Probable cause due to matrix interference.

Volatiles by GC By Method SW846 8015

Matrix: AQ **Batch ID:** GUV1547

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Sample(s) F48898-3MS, F48898-3MSD were used as the QC samples indicated.

Extractables by GC By Method SW846 8015 M

Matrix: AQ **Batch ID:** OP20346

All samples were extracted within the recommended method holding time.

All samples were analyzed within the recommended method holding time.

Sample(s) F48994-1BMS, F48994-1BMSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

Wet Chemistry By Method EPA 160.1

Matrix: AQ **Batch ID:** GN25159

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Sample(s) F48976-1DUP were used as the QC samples for Solids, Total Dissolved.

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: May 11, 2007

Svetlana Izosimova, QAO (signature on file)

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	WPOL-MW04		
Lab Sample ID:	F48994-1	**Date Sampled:**	04/18/07
Matrix:	AQ - Ground Water	**Date Received:**	04/25/07
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J029354.D	1	05/02/07	SH	n/a	n/a	VJ2110
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	28.7	25	5.0	ug/l	
75-05-8	Acetonitrile	ND	20	10	ug/l	
107-02-8	Acrolein	ND	20	10	ug/l	
107-13-1	Acrylonitrile	ND	10	5.0	ug/l	
107-05-1	Allyl chloride	ND	10	5.0	ug/l	
71-43-2	Benzene	ND	1.0	0.50	ug/l	
100-44-7	Benzyl Chloride	ND	1.0	0.50	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.50	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.50	ug/l	
75-25-2	Bromoform	ND	1.0	0.50	ug/l	
104-51-8	n-Butylbenzene	ND	1.0	0.50	ug/l	
135-98-8	sec-Butylbenzene	ND	1.0	0.50	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
75-00-3	Chloroethane	ND	2.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
544-10-5	1-Chlorohexane	ND	2.0	1.0	ug/l	
95-49-8	o-Chlorotoluene	ND	1.0	0.50	ug/l	
106-43-4	p-Chlorotoluene	ND	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
75-15-0	Carbon disulfide	ND	2.0	1.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.50	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.50	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.50	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-MW04		
Lab Sample ID:	F48994-1	**Date Sampled:**	04/18/07
Matrix:	AQ - Ground Water	**Date Received:**	04/25/07
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	10	5.0	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
97-63-2	Ethyl methacrylate	ND	5.0	2.0	ug/l	
76-13-1	Freon 113	ND	1.0	0.50	ug/l	
591-78-6	2-Hexanone	ND	5.0	2.5	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.50	ug/l	
110-54-3	Hexane	ND	2.0	1.0	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.50	ug/l	
99-87-6	p-Isopropyltoluene	ND	1.0	0.50	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	5.0	2.5	ug/l	
126-98-7	Methacrylonitrile	ND	20	10	ug/l	
74-83-9	Methyl bromide	ND	2.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	2.0	1.0	ug/l	
74-88-4	Methyl iodide	ND	5.0	2.5	ug/l	
80-62-6	Methyl methacrylate	ND	5.0	2.5	ug/l	
74-95-3	Methylene bromide	ND	2.0	0.50	ug/l	
75-09-2	Methylene chloride	ND	5.0	1.0	ug/l	
78-93-3	Methyl ethyl ketone	9.0	5.0	2.5	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
91-20-3	Naphthalene	ND	2.0	1.0	ug/l	
76-01-7	Pentachloroethane	ND	10	5.0	ug/l	
107-12-0	Propionitrile	ND	20	10	ug/l	
103-65-1	n-Propylbenzene	ND	1.0	0.50	ug/l	
100-42-5	Styrene	ND	1.0	0.50	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.40	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.50	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-MW04		
Lab Sample ID:	F48994-1	**Date Sampled:**	04/18/07
Matrix:	AQ - Ground Water	**Date Received:**	04/25/07
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.50	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.50	ug/l	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	10	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.50	ug/l	
108-05-4	Vinyl Acetate	ND	10	5.0	ug/l	
	m,p-Xylene	ND	2.0	0.50	ug/l	
95-47-6	o-Xylene	ND	1.0	0.50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		87-116%
17060-07-0	1,2-Dichloroethane-D4	104%		76-127%
2037-26-5	Toluene-D8	96%		86-112%
460-00-4	4-Bromofluorobenzene	99%		84-120%

ND = Not detected MDL - Method Detection Limit
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E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-MW04		
Lab Sample ID:	F48994-1	**Date Sampled:**	04/18/07
Matrix:	AQ - Ground Water	**Date Received:**	04/25/07
Method:	SW846 8015	**Percent Solids:**	n/a
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV026768.D	1	05/01/07	MM	n/a	n/a	GUV1547
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	0.10	0.050	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	108%		57-129%
98-08-8	aaa-Trifluorotoluene	94%		58-120%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-MW04		
Lab Sample ID:	F48994-1A	**Date Sampled:**	04/23/07
Matrix:	AQ - Ground Water	**Date Received:**	04/25/07
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L036280.D	1	05/01/07	NJ	04/30/07	OP20331	SL1862
Run #2							

	Initial Volume	Final Volume
Run #1	700 ml	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	36	14	ug/l	
95-57-8	2-Chlorophenol	ND	7.1	2.9	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	7.1	2.9	ug/l	
120-83-2	2,4-Dichlorophenol	ND	7.1	2.9	ug/l	
105-67-9	2,4-Dimethylphenol	ND	7.1	2.9	ug/l	
51-28-5	2,4-Dinitrophenol	ND	36	14	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	14	7.1	ug/l	
95-48-7	2-Methylphenol	ND	7.1	2.9	ug/l	
	3&4-Methylphenol	ND	7.1	2.9	ug/l	
88-75-5	2-Nitrophenol	ND	7.1	2.9	ug/l	
100-02-7	4-Nitrophenol	ND	36	14	ug/l	
87-86-5	Pentachlorophenol	ND	36	14	ug/l	
108-95-2	Phenol	ND	7.1	2.9	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	7.1	2.9	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	7.1	2.9	ug/l	
83-32-9	Acenaphthene	ND	7.1	1.4	ug/l	
208-96-8	Acenaphthylene	ND	7.1	1.4	ug/l	
120-12-7	Anthracene	ND	7.1	1.4	ug/l	
92-87-5	Benzidine	ND	36	21	ug/l	
56-55-3	Benzo(a)anthracene	ND	7.1	1.4	ug/l	
50-32-8	Benzo(a)pyrene	ND	7.1	1.4	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	7.1	1.4	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	7.1	2.9	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	7.1	1.4	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	7.1	1.4	ug/l	
85-68-7	Butyl benzyl phthalate	ND	7.1	2.9	ug/l	
100-51-6	Benzyl Alcohol	ND	7.1	1.4	ug/l	
91-58-7	2-Chloronaphthalene	ND	7.1	1.4	ug/l	
106-47-8	4-Chloroaniline	ND	14	5.7	ug/l	
218-01-9	Chrysene	ND	7.1	1.4	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	7.1	1.4	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	7.1	2.9	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-MW04		
Lab Sample ID:	F48994-1A	**Date Sampled:**	04/23/07
Matrix:	AQ - Ground Water	**Date Received:**	04/25/07
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	HOLMN		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	7.1	1.4	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	7.1	1.4	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	7.1	1.4	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	7.1	1.4	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	7.1	1.4	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	7.1	2.9	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	7.1	2.9	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	14	7.1	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	7.1	2.9	ug/l	
132-64-9	Dibenzofuran	ND	7.1	1.4	ug/l	
84-74-2	Di-n-butyl phthalate	ND	7.1	2.9	ug/l	
117-84-0	Di-n-octyl phthalate	ND	7.1	3.6	ug/l	
84-66-2	Diethyl phthalate	ND	7.1	2.9	ug/l	
131-11-3	Dimethyl phthalate	ND	7.1	2.9	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	7.1	3.6	ug/l	
206-44-0	Fluoranthene	ND	7.1	1.4	ug/l	
86-73-7	Fluorene	ND	7.1	1.4	ug/l	
118-74-1	Hexachlorobenzene	ND	7.1	1.4	ug/l	
87-68-3	Hexachlorobutadiene	ND	7.1	2.9	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	7.1	2.9	ug/l	
67-72-1	Hexachloroethane	ND	7.1	2.9	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	7.1	2.9	ug/l	
78-59-1	Isophorone	ND	7.1	1.4	ug/l	
91-57-6	2-Methylnaphthalene	ND	7.1	1.4	ug/l	
88-74-4	2-Nitroaniline	ND	14	5.7	ug/l	
99-09-2	3-Nitroaniline	ND	14	5.7	ug/l	
100-01-6	4-Nitroaniline	ND	14	5.7	ug/l	
91-20-3	Naphthalene	ND	7.1	1.4	ug/l	
98-95-3	Nitrobenzene	ND	7.1	1.4	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	7.1	2.9	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	7.1	2.9	ug/l	
85-01-8	Phenanthrene	ND	7.1	1.4	ug/l	
129-00-0	Pyrene	ND	7.1	1.4	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	7.1	1.4	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	39%		14-62%
4165-62-2	Phenol-d5	28%		10-40%
118-79-6	2,4,6-Tribromophenol	87%		33-118%

ND = Not detected MDL - Method Detection Limit
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E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-MW04		
Lab Sample ID:	F48994-1A	**Date Sampled:**	04/23/07
Matrix:	AQ - Ground Water	**Date Received:**	04/25/07
Method:	SW846 8270C SW846 3510C	**Percent Solids:**	n/a
Project:	HOLMN		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	71%		42-108%
321-60-8	2-Fluorobiphenyl	73%		40-106%
1718-51-0	Terphenyl-d14	83%		39-121%

ND = Not detected MDL - Method Detection Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-MW04		
Lab Sample ID:	F48994-1A	**Date Sampled:**	04/23/07
Matrix:	AQ - Ground Water	**Date Received:**	04/25/07
		Percent Solids:	n/a
Project:	HOLMN		

General Chemistry

Analyte	Result	RL	MDL	Units	DF	Analyzed	By	Method
Solids, Total Dissolved	4310	100	10	mg/l	1	04/26/07 09:10	LE	EPA 160.1

RL = Reporting Limit
MDL = Method Detection Limit

U = Indicates a result < MDL
J = Indicates a result > = MDL but < RL

Report of Analysis

Client Sample ID:	WPOL-MW04		
Lab Sample ID:	F48994-1B	**Date Sampled:**	04/24/07
Matrix:	AQ - Ground Water	**Date Received:**	04/25/07
Method:	SW846 8015 M SW846 3510C	**Percent Solids:**	n/a
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LL15925.D	1	05/02/07	MG	05/01/07	OP20346	GLL592
Run #2							

	Initial Volume	Final Volume
Run #1	1040 ml	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	0.0975	0.24	0.096	mg/l	J
	TPH (> C22-C36)	0.152	0.24	0.096	mg/l	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	83%		42-114%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-TB01		
Lab Sample ID:	F48994-2	**Date Sampled:**	04/18/07
Matrix:	AQ - Trip Blank Water	**Date Received:**	04/25/07
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	HOLMN		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	J029357.D	1	05/02/07	SH	n/a	n/a	VJ2110
Run #2 [a]	J029387.D	1	05/03/07	JG	n/a	n/a	VJ2111

	Purge Volume
Run #1	5.0 ml
Run #2	5.0 ml

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	25	5.0	ug/l	
75-05-8	Acetonitrile	ND	20	10	ug/l	
107-02-8	Acrolein	ND	20	10	ug/l	
107-13-1	Acrylonitrile	ND	10	5.0	ug/l	
107-05-1	Allyl chloride	ND	10	5.0	ug/l	
71-43-2	Benzene	ND	1.0	0.50	ug/l	
100-44-7	Benzyl Chloride	ND	1.0	0.50	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.50	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.50	ug/l	
75-25-2	Bromoform	ND	1.0	0.50	ug/l	
104-51-8	n-Butylbenzene	ND	1.0	0.50	ug/l	
135-98-8	sec-Butylbenzene	ND	1.0	0.50	ug/l	
98-06-6	tert-Butylbenzene	ND	1.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.50	ug/l	
75-00-3	Chloroethane	ND	2.0	1.0	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
544-10-5	1-Chlorohexane	ND	2.0	1.0	ug/l	
95-49-8	o-Chlorotoluene	ND	1.0	0.50	ug/l	
106-43-4	p-Chlorotoluene	ND	1.0	0.50	ug/l	
110-75-8	2-Chloroethyl vinyl ether	ND	5.0	2.5	ug/l	
75-15-0	Carbon disulfide	ND	2.0	1.0	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.50	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.50	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.50	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	1.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.50	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.50	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.50	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.50	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-TB01		
Lab Sample ID:	F48994-2	**Date Sampled:**	04/18/07
Matrix:	AQ - Trip Blank Water	**Date Received:**	04/25/07
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	1.0	0.40	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.50	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	10	5.0	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.50	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.50	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.50	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.30	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.50	ug/l	
97-63-2	Ethyl methacrylate	ND	5.0	2.0	ug/l	
76-13-1	Freon 113	ND	1.0	0.50	ug/l	
591-78-6	2-Hexanone	ND	5.0	2.5	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.50	ug/l	
110-54-3	Hexane	ND	2.0	1.0	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.50	ug/l	
99-87-6	p-Isopropyltoluene	ND	1.0	0.50	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	5.0	2.5	ug/l	
126-98-7	Methacrylonitrile	ND	20	10	ug/l	
74-83-9	Methyl bromide	ND	2.0	1.0	ug/l	
74-87-3	Methyl chloride	ND	2.0	1.0	ug/l	
74-88-4	Methyl iodide	ND	5.0	2.5	ug/l	
80-62-6	Methyl methacrylate	ND	5.0	2.5	ug/l	
74-95-3	Methylene bromide	ND	2.0	0.50	ug/l	
75-09-2	Methylene chloride	ND	5.0	1.0	ug/l	
78-93-3	Methyl ethyl ketone	ND	5.0	2.5	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
91-20-3	Naphthalene	ND	2.0	1.0	ug/l	
76-01-7	Pentachloroethane	ND	10	5.0	ug/l	
107-12-0	Propionitrile	ND	20	10	ug/l	
103-65-1	n-Propylbenzene	ND	1.0	0.50	ug/l	
100-42-5	Styrene	ND	1.0	0.50	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.50	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.40	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.50	ug/l	
87-61-6	1,2,3-Trichlorobenzene [b]	ND [c]	1.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	2.0	1.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-TB01		
Lab Sample ID:	F48994-2	**Date Sampled:**	04/18/07
Matrix:	AQ - Trip Blank Water	**Date Received:**	04/25/07
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	HOLMN		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	1.0	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	1.0	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.50	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.50	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.50	ug/l	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	10	5.0	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.50	ug/l	
108-05-4	Vinyl Acetate	ND	10	5.0	ug/l	
	m,p-Xylene	ND	2.0	0.50	ug/l	
95-47-6	o-Xylene	ND	1.0	0.50	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%	104%	87-116%
17060-07-0	1,2-Dichloroethane-D4	104%	105%	76-127%
2037-26-5	Toluene-D8	97%	98%	86-112%
460-00-4	4-Bromofluorobenzene	99%	104%	84-120%

(a) Sample re-analyzed beyond hold time; reported results are considered minimum values.
(b) Sample vial(s) contained significant headspace; reported results are considered minimum values.
(c) Result is from Run# 2

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

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

F48994

Page 1 of 2

Project Number: 9040238 11.01

Chain of Custody Number [1]: 04192007TEL

LIMS Number: 4/26/07

Facility/Base I.D.: Holloman Air Force Base, New Mexico

Project Name / Site Name: HAFB Groundwater Monitoring West POL Yard

Client Name: USACE

Collected by: K. Thompson / C. McGriff / B. Wolfe / ~~T. Lucas~~ TL 4.19.07

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 8270	TPH 8015-GRO	TPH 8015-DRO	TDS				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]			
WPOL-MW01		18 APR2007	1030	-	N		WG	11	X	X	X	X	X							1
WPOL-MW02		18 APR2007	1155	-	N		WG	11	X	X	X	X	X							2
WPOL-MW03		18 APR2007	1435	-	N		WG	11	X	X	X	X	X							3
1 WPOL-MW04		18 APR2007	1200	-	N		WG	~~8~~ 6	X	~~X~~ X	~~X~~ X	~~X~~ X	~~X~~ X							4
WPOL-MW03-D		18 APR2007	1435	-	FD		WG	11	X	X	X	X	X							5
WPOL-MW03-MS		18 APR2007	1435	-	MS		WG	11	X	X	X	X	X							6
WPOL-MW03-MSD		18 APR2007	1435	-	SD		WG	11	X	X	X	X	X							7
2 WPOL-TB01		18 APR2007	—	-	TB		WQ	3	X											1
WPOL-TB02		18 APR2007	—	-	TB		WQ	3	X											2
WPOL-TB03		18 APR2007	—	-	TB		WQ	3	X											3
WPOL-TB04		18 APR2007	—	-	TB		WQ	3	X											4

COMMENTS: NOTE: MW04 was temp. will take samples on separate dates - note different dates.

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1. [signature]			1.		
2. [signature]	04.24.07	0940	2. FED EX		
3. FED EX	04.25.07	07:30	3. [signature]		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab: Shipped No.:
Method of Shipment: FEDEX Airbill Number:
Analytical Lab: ACCUTEST Delivery Location: ORLANDO, FL
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)

2.0°

DISTRIBUTION: WHITE COPY - Project File YELLOW COPY - Lab Copy PINK COPY - Working File

4.1 4

F48994: Chain of Custody
Page 1 of 3

Chain of Custody and Analytical Request

Page 2 of 2

Project Number: 9040238 11,01

Chain of Custody Number (1): 04192007-01 4-24-07-1

F48994

Facility: HOLLOMAN AIR FORCE BASE, NEW MEXICO

Project Name / Site Name: HAFB GROUNDWATER MONITORING WESTPOL YARD

Client Name: USACE

Collected by: L Thompson / C. McWiff / B. Wolfe / ~~Fedex~~ TL 4-19-07

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 8270	TPH 8015 GRO	8015 DRO/ORO	TDS					Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
WPOL-TB05		18 APR 2007	—	-	TB		WQ	3	X												5
WPOL-TB06		18 APR 2007	—	-	TB		WQ	3	X												6
WPOL-TB07		18 APR 2007	—	-	TB		WQ	3	X												7
WPOL-MW04		23 APR 2007	1130	-	N		WG	3		X			X								4
WPOL-MW04		24 April	0800	-	N		WG	2				X									1

Comments

Custody Transfers Prior to Receipt by Laboratory

Relinquished by (signed)	Date	Time	Received by (signed)	Date	Time
1. [signature]	4/19/07	0800	1.		
2. [signature]	4/24/07	0900	2. Fed Ex		
3. [signature]	04-25-07	09:30	3. [signature]		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab: ____ Shipped: No.: ____

Method of Shipment: FEDEX Airbill Number: ____

Analytical Lab: ACCUTEST Delivery Location: ORLANDO

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 (dddmmyy) 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 Number field).

2.0°

F48994: Chain of Custody
Page 2 of 3

ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: F48994 CLIENT: BHATE PROJECT: HAFB GW MONIT WEST POL

DATE/TIME RECEIVED: 04-25-07 09:30 # OF COOLERS RECEIVED: 1 COOLER TEMPS: 2.0

METHOD OF DELIVERY: (FEDEX) UPS ACCUTEST COURIER GREYHOUND DELIVERY OTHER

AIRBILL NUMBERS: 8610 5635 4656

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

- [x] TRIP BLANK PROVIDED
- [ ] TRIP BLANK NOT PROVIDED
- [ ] TRIP BLANK NOT ON COC
- [x] TRIP BLANK INTACT
- [ ] TRIP BLANK NOT INTACT
- [x] RECEIVED WATER TRIP BLANK
- [ ] RECEIVED SOIL TRIP BLANK

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)

MISC. INFORMATION

NUMBER OF ENCORES ? Ø

NUMBER OF 5035 FIELD KITS ? Ø

NUMBER OR LAB FILTERED METALS ? Ø

SUMMARY OF COMMENTS: SAMPLE #2 RECEIVED TWO HCL VIALS.

TECHNICIAN SIGNATURE/DATE [signature] 04-25-07 TECHNICIAN SIGNATURE/DATE

ASBD 10/03/06

F48994: Chain of Custody
Page 3 of 3

Southeast ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

10/28/09

Technical Report for

Nation View

Holloman AFB; WPOL

8090012.01.010

Accutest Job Number: F68654

Sampling Date: 10/08/09

Report to:

Bhate Environmental Associates, Inc.

zbeck@bhate.com

ATTN: Zack Beck

Total number of pages in report: **120**

ACCREDITED IN ACCORDANCE WITH nelac

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 (DOH E83510), NC (573), NJ (FL002), MA (FL946), IA (366), LA (03051), KS (E-10327), SC, AK

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Test results relate only to samples analyzed.

ACCUTEST LABORATORIES 50 YEARS 1956-2006

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Accutest LabLink@95610 13:21 28-Oct-2009

Sample Summary

Nation View

Job No: F68654

Holloman AFB; WPOL
Project No: 8090012.01.010

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
F68654-1	10/08/09	08:45	TL	10/09/09	SO	Soil	WPOL-SB30-6'
F68654-2	10/08/09	09:00	TL	10/09/09	SO	Soil	WPOL-SB30-BOTTOM
F68654-3	10/08/09	09:30	TL	10/09/09	SO	Soil	WPOL-SB31-6'
F68654-4	10/08/09	09:45	TL	10/09/09	SO	Soil	WPOL-SB31-BOTTOM
F68654-5	10/08/09	09:30	TL	10/09/09	SO	Soil	WPOL-SB31A-6'
F68654-6	10/08/09	09:45	TL	10/09/09	SO	Soil	WPOL-SB31A-BOTTOM
F68654-7	10/08/09	08:45	TL	10/09/09	SO	Trip Blank Soil	TRIP BLANK

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client: Nation View **Job No:** F68654

Site: Holloman AFB; WPOL **Report Date** 10/27/2009 9:46:43

6 Samples, 1 Trip Blank were collected on 10/08/2009 and received at Accutest on 10/09/2009 properly preserved, at 3.6 Deg. C and intact. These Samples received an Accutest job number of F68654. 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.

Volatiles by GCMS By Method SW846 8260B

Matrix: SO **Batch ID:** VH2167

All samples were analyzed within the recommended method holding time.

Sample(s) F68603-1MS, F68603-1MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

Blank Spike Recovery(s) for Trans-1,4-Dichloro-2-Butene, Vinyl Acetate are outside control limits. Biased high, not detected in the sampes, data integrity not adversely affected.

Matrix Spike Recovery(s) for 1,1,2,2-Tetrachloroethane, 1,2,3-Trichlorobenzene, 1,2,3-Trichloropropane, 1,2,4-Trichlorobenzene, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, 1-Chlorohexane, Acrolein, Bromobenzene, cis-1,4-Dichloro-2-Butene, Ethyl methacrylate, Hexachlorobutadiene, n-Propylbenzene, Naphthalene, o-Chlorotoluene, p-Chlorotoluene, Pentachloroethane, sec-Butylbenzene, Styrene, tert-Butylbenzene, Trans-1,4-Dichloro-2-Butene, Vinyl Acetate are outside control limits. Probable cause due to matrix interference.

Matrix Spike Duplicate Recovery(s) for 1,1,1,2-Tetrachloroethane, 1,1,2,2-Tetrachloroethane, 1,1,2-Trichloroethane, 1,1-Dichloropropene, 1,2,3-Trichlorobenzene, 1,2,3-Trichloropropane, 1,2,4-Trichlorobenzene, 1,2,4-Trimethylbenzene, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, 1,2-Dichloroethane, 1,3,5-Trimethylbenzene, 1,3-Dichloropropane, 1-Chlorohexane, 2-Hexanone, 4-Methyl-2-pentanone, Acrolein, Benzyl Chloride, Bromobenzene, Bromoform, Chlorobenzene, cis-1,3-Dichloropropene, cis-1,4-Dichloro-2-Butene, Dibromochloromethane, Ethyl methacrylate, Ethylbenzene, Hexachlorobutadiene, Hexane, Isopropylbenzene, m,p-Xylene, m-Dichlorobenzene, Methylene bromide, n-Butylbenzene, n-Propylbenzene, Naphthalene, o-Chlorotoluene, o-Dichlorobenzene, o-Xylene, p-Chlorotoluene, p-Dichlorobenzene, p-Isopropyltoluene, Propionitrile, sec-Butylbenzene, Styrene, tert-Butylbenzene, Tetrachloroethylene, Toluene, trans-1,3-Dichloropropene, Trichloroethylene are outside control limits. Probable cause due to matrix interference. For method performance in clean matrix refer to Blank Spike.

RPD(s) for MSD for 1,1,1,2-Tetrachloroethane, 1,1,1-Trichloroethane, 1,1,2,2-Tetrachloroethane, 1,1,2-Trichloroethane, 1,1-Dichloroethane, 1,1-Dichloroethylene, 1,1-Dichloropropene, 1,2,3-Trichloropropane, 1,2,4-Trimethylbenzene, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, 1,2-Dichloropropane, 1,3,5-Trimethylbenzene, 1,3-Dichloropropane, 1-Chlorohexane, 2,2-Dichloropropane, 4-Methyl-2-pentanone, Allyl chloride, Benzene, Benzyl Chloride, Bromobenzene, Carbon disulfide, Carbon tetrachloride, Chlorobenzene, Chloroethane, Chloroform, cis-1,4-Dichloro-2-Butene, Dibromochloromethane, Dichlorodifluoromethane, Ethylbenzene, Freon 113, Hexachlorobutadiene, Isopropylbenzene, m,p-Xylene, m-Dichlorobenzene, Methyl bromide, Methyl chloride, Methyl iodide, Methylene chloride, n-Butylbenzene, n-Propylbenzene, o-Chlorotoluene, o-Dichlorobenzene, o-Xylene, p-Chlorotoluene, p-Dichlorobenzene, p-Isopropyltoluene, Pentachloroethane, sec-Butylbenzene, tert-Butylbenzene, Tetrachloroethylene, Toluene, trans-1,2-Dichloroethylene, trans-1,3-Dichloropropene, Trans-1,4-Dichloro-2-Butene, Trichloroethylene, Trichlorofluoromethane, Vinyl chloride are outside control limits for sample F68603-1MSD. Probable cause due to sample homogeneity.

Matrix: SO **Batch ID:** VH2169

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Sample(s) F68715-2MS, F68715-2MSD were used as the QC samples indicated.

Blank Spike Recovery(s) for Trans-1,4-Dichloro-2-Butene, Vinyl Acetate are outside control limits. Biased high, not detected in the samples, data integrity not adversely affected.

Volatiles by GCMS By Method SW846 8260B

Matrix: SO **Batch ID:** VH2169

Matrix Spike Recovery(s) for 1,1,1,2-Tetrachloroethane, 1,1,2-Trichloroethane, 1,1-Dichloropropene, 1,2,3-Trichlorobenzene, 1,2,3-Trichloropropane, 1,2,4-Trichlorobenzene, 1,2,4-Trimethylbenzene, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, 1,2-Dichloroethane, 1,3,5-Trimethylbenzene, 1,3-Dichloropropane, 1-Chlorohexane, 2-Chloroethyl vinyl ether, 2-Hexanone,

4-Methyl-2-pentanone, Acetonitrile, Acrolein, Acrylonitrile, Benzyl Chloride, Bromobenzene, Bromoform, Chlorobenzene, cis-1,2-Dichloroethylene, cis-1,3-Dichloropropene, cis-1,4-Dichloro-2-Butene, Dibromochloromethane, Ethyl methacrylate, Ethylbenzene, Hexachlorobutadiene, Hexane, Isopropylbenzene, m,p-Xylene, m-Dichlorobenzene, Methacrylonitrile, Methyl ethyl ketone, Methyl iodide, Methyl methacrylate, Methylene bromide, n-Butylbenzene, n-Propylbenzene, Naphthalene, o-Chlorotoluene, o-Dichlorobenzene, o-Xylene, p-Chlorotoluene, p-Dichlorobenzene, p-Isopropyltoluene, Propionitrile, sec-Butylbenzene, Styrene, tert-Butylbenzene, Toluene, trans-1,2-Dichloroethylene, trans-1,3-Dichloropropene, Trans-1,4-Dichloro-2-Butene, Trichloroethylene, Vinyl Acetate are outside control limits. Probable cause due to matrix interference.

Matrix Spike Duplicate Recovery(s) for 1,1,1,2-Tetrachloroethane, 1,1,2,2-Tetrachloroethane, 1,1,2-Trichloroethane, 1,2,3-Trichlorobenzene, 1,2,3-Trichloropropane, 1,2,4-Trichlorobenzene, 1,2,4-Trimethylbenzene, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, 1,2-Dichloroethane, 1,2-Dichloropropane, 1,3,5-Trimethylbenzene, 1,3-Dichloropropane, 1-Chlorohexane, 2-Chloroethyl vinyl ether, 2-Hexanone, 4-Methyl-2-pentanone, Acetone, Acetonitrile, Acrolein, Benzyl Chloride, Bromobenzene, Bromodichloromethane, Bromoform, Chlorobenzene, cis-1,3-Dichloropropene, cis-1,4-Dichloro-2-Butene, Dibromochloromethane, Ethyl methacrylate, Ethylbenzene, Hexachlorobutadiene, Hexane, Isopropylbenzene, m,p-Xylene, m-Dichlorobenzene, Methacrylonitrile, Methyl ethyl ketone, Methyl methacrylate, Methylene bromide, n-Butylbenzene, n-Propylbenzene, Naphthalene, o-Chlorotoluene, o-Dichlorobenzene, o-Xylene, p-Chlorotoluene, p-Dichlorobenzene, p-Isopropyltoluene, Pentachloroethane, Propionitrile, sec-Butylbenzene, Styrene, tert-Butylbenzene, trans-1,3-Dichloropropene, Vinyl Acetate are outside control limits. Probable cause due to matrix interference. For method performance in clean matrix refer to Blank Spike.

RPD(s) for MSD for 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 2-Hexanone, Benzyl Chloride, Methacrylonitrile, Methyl iodide, Methylene chloride, Naphthalene are outside control limits for sample F68715-2MSD. Probable cause due to sample homogeneity.

F68654-3: Methanol extract analysis required due to matrix interference.

F68654-3 for Methylene chloride: Suspected laboratory contaminant.

Matrix: SO **Batch ID:** VH2173

Sample(s) F68903-2MS, F68903-2MSD were used as the QC samples indicated.

Sample(s) F68654-5 have compound(s) reported with a “B” qualifier, indicating analyte is found in the associated method blank.

Blank Spike Recovery(s) for Acrolein, Trans-1,4-Dichloro-2-Butene are outside control limits.

Matrix Spike Recovery(s) for 1,1,2-Trichloroethane, 1,1-Dichloropropene, 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, 1,2-Dichloroethane, 1,3-Dichloropropane, 1-Chlorohexane, 2,2-Dichloropropane, 2-Hexanone, Acetonitrile, Acrolein, Benzyl Chloride, Bromodichloromethane, cis-1,3-Dichloropropene, cis-1,4-Dichloro-2-Butene, Dibromochloromethane, Ethyl methacrylate, Hexachlorobutadiene, Methacrylonitrile, Methyl ethyl ketone, Methyl methacrylate, Methylene bromide, Naphthalene, Propionitrile, Styrene, trans-1,3-Dichloropropene, Trans-1,4-Dichloro-2-Butene, Vinyl Acetate are outside control limits. Probable cause due to matrix interference.

Matrix Spike Duplicate Recovery(s) for 1,1,1-Trichloroethane, 1,1-Dichloropropene, 1,2,3-Trichlorobenzene, 1,2,3-Trichloropropane, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, 1,2-Dichloroethane, 2,2-Dichloropropane, Acetonitrile, Benzyl Chloride, Bromodichloromethane, Carbon tetrachloride, Chloroform, cis-1,3-Dichloropropene, Dibromochloromethane, Ethyl methacrylate, Methacrylonitrile, Methyl ethyl ketone, Methylene bromide, Methylene chloride, Styrene, trans-1,3-Dichloropropene, Trans-1,4-Dichloro-2-Butene, Vinyl Acetate are outside control limits. Probable cause due to matrix interference. For method performance in clean matrix refer to Blank Spike.

RPD(s) for MSD for Acrolein, Ethyl methacrylate are outside control limits for sample F68903-2MSD. Probable cause due to sample homogeneity.

F68654-5: Methanol extract analysis required due to matrix interference.

F68654-5 for Methylene chloride: Suspected laboratory contaminant.

Extractables by GCMS By Method SW846 8270C

Matrix: SO **Batch ID:** OP30592

All samples were extracted within the recommended method holding time.

All samples were analyzed within the recommended method holding time.

Sample(s) F68654-1MS, F68654-1MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

Blank Spike Recovery(s) for 2-Nitroaniline are outside control limits. Biased high, not detected in the samples, data integrity not adversely affected.

F68654-3: Dilution required due to matrix interference.

F68654-5: Dilution required due to matrix interference.

Volatiles by GC By Method SW846 8015

Matrix: SO **Batch ID:** GQR2172

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Sample(s) F68606-5MS, F68606-5MSD were used as the QC samples indicated.

Sample(s) F68607-4MS, F68607-4MSD, F68654-5 have surrogates outside control limits. Probable cause due to matrix interference.

Matrix: SO **Batch ID:** GQR2174

All method blanks for this batch meet method specific criteria.

Sample(s) F68819-3MS, F68819-3MSD were used as the QC samples indicated.

Sample(s) F68607-4MS, F68607-4MSD, F68654-5 have surrogates outside control limits. Probable cause due to matrix interference.

Matrix: SO **Batch ID:** GUV2088

All samples were analyzed within the recommended method holding time.

Sample(s) F68607-4MS, F68607-4MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

Sample(s) F68607-4MS, F68607-4MSD, F68654-5 have surrogates outside control limits. Probable cause due to matrix interference.

F68607-4MSD for 4-Bromofluorobenzene: Outside control limits due to matrix interference.

F68607-4MS for 4-Bromofluorobenzene: Result reported from PID.

F68607-4MS for 4-Bromofluorobenzene: Outside control limits due to matrix interference.

F68654-5 for 4-Bromofluorobenzene: Outside control limits due to matrix interference.

F68607-4MSD for 4-Bromofluorobenzene: Result reported from PID.

F68654-5 for 4-Bromofluorobenzene: Result reported from PID.

Extractables by GC By Method SW846 8015 M

Matrix: SO **Batch ID:** OP30563

All samples were extracted within the recommended method holding time.

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Sample(s) F68654-6MS, F68654-6MSD were used as the QC samples indicated.

Matrix Spike Recovery(s) for TPH (C10-C22) are outside control limits. Probable cause due to matrix interference.

Wet Chemistry By Method SM19 2540B M

Matrix: SO **Batch ID:** GN36967

Sample(s) F68528-1DUP were used as the QC samples for Solids, 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: October 27, 2009

Svetlana Izosimova, QAO (signature on file)

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	WPOL-SB30-6'		
Lab Sample ID:	F68654-1	**Date Sampled:**	10/08/09
Matrix:	SO - Soil	**Date Received:**	10/09/09
Method:	SW846 8260B	**Percent Solids:**	78.5
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	H057976.D	1	10/14/09	MM	n/a	n/a	VH2167
Run #2							

	Initial Weight
Run #1	5.61 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	57	28	ug/kg	
75-05-8	Acetonitrile	ND	57	18	ug/kg	
107-02-8	Acrolein	ND	28	11	ug/kg	
107-13-1	Acrylonitrile	ND	28	7.8	ug/kg	
107-05-1	Allyl chloride	ND	28	5.7	ug/kg	
71-43-2	Benzene	ND	5.7	1.1	ug/kg	
100-44-7	Benzyl Chloride	ND	5.7	1.2	ug/kg	
108-86-1	Bromobenzene	ND	5.7	1.1	ug/kg	
74-97-5	Bromochloromethane	ND	5.7	1.9	ug/kg	
75-27-4	Bromodichloromethane	ND	5.7	1.4	ug/kg	
75-25-2	Bromoform	ND	5.7	1.7	ug/kg	
104-51-8	n-Butylbenzene	ND	5.7	1.6	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.7	1.2	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.7	1.2	ug/kg	
108-90-7	Chlorobenzene	ND	5.7	1.1	ug/kg	
75-00-3	Chloroethane	ND	5.7	2.3	ug/kg	
67-66-3	Chloroform	ND	5.7	1.9	ug/kg	
544-10-5	1-Chlorohexane	ND	5.7	1.5	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.7	1.1	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.7	1.1	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	28	11	ug/kg	
75-15-0	Carbon disulfide	ND	5.7	1.2	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.7	1.6	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.7	2.3	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	5.7	1.5	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.7	1.6	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.7	2.7	ug/kg	
106-93-4	1,2-Dibromoethane	ND	5.7	1.1	ug/kg	
107-06-2	1,2-Dichloroethane	ND	5.7	1.2	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.7	1.6	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.7	1.1	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.7	2.4	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB30-6'		
Lab Sample ID:	F68654-1	**Date Sampled:**	10/08/09
Matrix:	SO - Soil	**Date Received:**	10/09/09
Method:	SW846 8260B	**Percent Solids:**	78.5
Project:	Holloman AFB; WPOL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	5.7	1.1	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.7	2.3	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	5.7	1.8	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.7	1.5	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	28	5.7	ug/kg	
541-73-1	m-Dichlorobenzene	ND	5.7	1.1	ug/kg	
95-50-1	o-Dichlorobenzene	ND	5.7	1.1	ug/kg	
106-46-7	p-Dichlorobenzene	ND	5.7	1.1	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	5.7	1.4	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.7	1.1	ug/kg	
100-41-4	Ethylbenzene	ND	5.7	1.1	ug/kg	
97-63-2	Ethyl methacrylate	ND	28	5.7	ug/kg	
76-13-1	Freon 113	ND	5.7	3.0	ug/kg	
591-78-6	2-Hexanone	ND	28	5.7	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.7	1.4	ug/kg	
110-54-3	Hexane	ND	5.7	2.7	ug/kg	
98-82-8	Isopropylbenzene	ND	5.7	1.2	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.7	1.2	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	28	7.3	ug/kg	
126-98-7	Methacrylonitrile	ND	28	6.2	ug/kg	
74-83-9	Methyl bromide	ND	5.7	2.5	ug/kg	
74-87-3	Methyl chloride	ND	5.7	2.7	ug/kg	
74-88-4	Methyl iodide	ND	11	2.3	ug/kg	
80-62-6	Methyl methacrylate	ND	28	5.7	ug/kg	
74-95-3	Methylene bromide	ND	5.7	1.7	ug/kg	
75-09-2	Methylene chloride	ND	11	5.7	ug/kg	
78-93-3	Methyl ethyl ketone	ND	28	9.4	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.7	1.7	ug/kg	
91-20-3	Naphthalene	ND	5.7	2.3	ug/kg	
76-01-7	Pentachloroethane	ND	28	5.7	ug/kg	
107-12-0	Propionitrile	ND	57	14	ug/kg	
103-65-1	n-Propylbenzene	ND	5.7	1.4	ug/kg	
100-42-5	Styrene	ND	5.7	1.1	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.7	1.1	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.7	1.2	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.7	2.0	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.7	1.1	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.7	2.3	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.7	2.2	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.7	2.3	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB30-6'		
Lab Sample ID:	F68654-1	**Date Sampled:**	10/08/09
Matrix:	SO - Soil	**Date Received:**	10/09/09
Method:	SW846 8260B	**Percent Solids:**	78.5
Project:	Holloman AFB; WPOL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	5.7	1.1	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.7	1.1	ug/kg	
127-18-4	Tetrachloroethylene	ND	5.7	1.4	ug/kg	
108-88-3	Toluene	ND	5.7	1.1	ug/kg	
79-01-6	Trichloroethylene	ND	5.7	1.4	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.7	2.3	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	28	5.7	ug/kg	
75-01-4	Vinyl chloride	ND	5.7	2.3	ug/kg	
108-05-4	Vinyl Acetate	ND	28	14	ug/kg	
	m,p-Xylene	ND	11	2.2	ug/kg	
95-47-6	o-Xylene	ND	5.7	1.1	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		80-121%
2037-26-5	Toluene-D8	86%		71-130%
460-00-4	4-Bromofluorobenzene	111%		59-148%
17060-07-0	1,2-Dichloroethane-D4	94%		77-123%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB30-6'		
Lab Sample ID:	F68654-1	**Date Sampled:**	10/08/09
Matrix:	SO - Soil	**Date Received:**	10/09/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	78.5
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	U014729.D	1	10/21/09	NAF	10/15/09	OP30592	SU714
Run #2							

	Initial Weight	Final Volume
Run #1	32.9 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	970	390	ug/kg	
95-57-8	2-Chlorophenol	ND	190	39	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	190	39	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	190	39	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	190	39	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	970	390	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	390	120	ug/kg	
95-48-7	2-Methylphenol	ND	190	39	ug/kg	
	3&4-Methylphenol	ND	190	39	ug/kg	
88-75-5	2-Nitrophenol	ND	190	39	ug/kg	
100-02-7	4-Nitrophenol	ND	970	390	ug/kg	
87-86-5	Pentachlorophenol	ND	970	390	ug/kg	
108-95-2	Phenol	ND	190	39	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	190	39	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	190	39	ug/kg	
83-32-9	Acenaphthene	ND	190	39	ug/kg	
208-96-8	Acenaphthylene	ND	190	39	ug/kg	
120-12-7	Anthracene	ND	190	39	ug/kg	
92-87-5	Benzidine	ND	1900	970	ug/kg	
56-55-3	Benzo(a)anthracene	ND	190	39	ug/kg	
50-32-8	Benzo(a)pyrene	ND	190	39	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	190	39	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	190	39	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	190	39	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	190	39	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	390	77	ug/kg	
100-51-6	Benzyl Alcohol	ND	190	39	ug/kg	
91-58-7	2-Chloronaphthalene	ND	190	39	ug/kg	
106-47-8	4-Chloroaniline	ND	190	77	ug/kg	
218-01-9	Chrysene	ND	190	39	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	190	39	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	190	39	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB30-6'		
Lab Sample ID:	F68654-1	**Date Sampled:**	10/08/09
Matrix:	SO - Soil	**Date Received:**	10/09/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	78.5
Project:	Holloman AFB; WPOL		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	190	39	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	190	39	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	190	50	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	190	50	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	190	46	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	190	39	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	190	39	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	390	77	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	190	39	ug/kg	
132-64-9	Dibenzofuran	ND	190	39	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	390	77	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	390	77	ug/kg	
84-66-2	Diethyl phthalate	ND	390	190	ug/kg	
131-11-3	Dimethyl phthalate	ND	390	77	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	390	190	ug/kg	
206-44-0	Fluoranthene	ND	190	39	ug/kg	
86-73-7	Fluorene	ND	190	39	ug/kg	
118-74-1	Hexachlorobenzene	ND	190	39	ug/kg	
87-68-3	Hexachlorobutadiene	ND	190	39	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	190	39	ug/kg	
67-72-1	Hexachloroethane	ND	190	46	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	190	39	ug/kg	
78-59-1	Isophorone	ND	190	39	ug/kg	
91-57-6	2-Methylnaphthalene	ND	190	39	ug/kg	
88-74-4	2-Nitroaniline	ND	390	77	ug/kg	
99-09-2	3-Nitroaniline	ND	390	77	ug/kg	
100-01-6	4-Nitroaniline	ND	390	77	ug/kg	
91-20-3	Naphthalene	ND	190	39	ug/kg	
98-95-3	Nitrobenzene	ND	190	39	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	190	39	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	190	77	ug/kg	
85-01-8	Phenanthrene	ND	190	39	ug/kg	
129-00-0	Pyrene	ND	190	39	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	190	39	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	80%		40-102%
4165-62-2	Phenol-d5	91%		41-100%
118-79-6	2,4,6-Tribromophenol	102%		42-108%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB30-6'		
Lab Sample ID:	F68654-1	**Date Sampled:**	10/08/09
Matrix:	SO - Soil	**Date Received:**	10/09/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	78.5
Project:	Holloman AFB; WPOL		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	80%		40-105%
321-60-8	2-Fluorobiphenyl	78%		43-107%
1718-51-0	Terphenyl-d14	81%		45-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB30-6'		
Lab Sample ID:	F68654-1	**Date Sampled:**	10/08/09
Matrix:	SO - Soil	**Date Received:**	10/09/09
Method:	SW846 8015	**Percent Solids:**	78.5
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV036259.D	1	10/16/09	AH	n/a	n/a	GUV2088
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	6.41 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	6.3	3.2	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	86%		56-136%
98-08-8	aaa-Trifluorotoluene	99%		61-121%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB30-6'		
Lab Sample ID:	F68654-1	**Date Sampled:**	10/08/09
Matrix:	SO - Soil	**Date Received:**	10/09/09
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	78.5
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LL27920.D	1	10/16/09	SL	10/12/09	OP30563	GLL1060
Run #2							

	Initial Weight	Final Volume
Run #1	30.2 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	11	6.3	mg/kg	
	TPH (> C22-C36)	13.3	11	6.3	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	81%		49-108%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB30-BOTTOM		
Lab Sample ID:	F68654-2	**Date Sampled:**	10/08/09
Matrix:	SO - Soil	**Date Received:**	10/09/09
Method:	SW846 8260B	**Percent Solids:**	80.8
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	H057977.D	1	10/14/09	MM	n/a	n/a	VH2167
Run #2							

	Initial Weight
Run #1	5.57 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	56	28	ug/kg	
75-05-8	Acetonitrile	ND	56	18	ug/kg	
107-02-8	Acrolein	ND	28	11	ug/kg	
107-13-1	Acrylonitrile	ND	28	7.7	ug/kg	
107-05-1	Allyl chloride	ND	28	5.6	ug/kg	
71-43-2	Benzene	ND	5.6	1.1	ug/kg	
100-44-7	Benzyl Chloride	ND	5.6	1.2	ug/kg	
108-86-1	Bromobenzene	ND	5.6	1.1	ug/kg	
74-97-5	Bromochloromethane	ND	5.6	1.9	ug/kg	
75-27-4	Bromodichloromethane	ND	5.6	1.3	ug/kg	
75-25-2	Bromoform	ND	5.6	1.7	ug/kg	
104-51-8	n-Butylbenzene	ND	5.6	1.6	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.6	1.2	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.6	1.2	ug/kg	
108-90-7	Chlorobenzene	ND	5.6	1.1	ug/kg	
75-00-3	Chloroethane	ND	5.6	2.2	ug/kg	
67-66-3	Chloroform	ND	5.6	1.9	ug/kg	
544-10-5	1-Chlorohexane	ND	5.6	1.4	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.6	1.1	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.6	1.1	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	28	11	ug/kg	
75-15-0	Carbon disulfide	ND	5.6	1.2	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.6	1.6	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.6	2.2	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	5.6	1.4	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.6	1.6	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.6	2.7	ug/kg	
106-93-4	1,2-Dibromoethane	ND	5.6	1.1	ug/kg	
107-06-2	1,2-Dichloroethane	ND	5.6	1.2	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.6	1.6	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.6	1.1	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.6	2.3	ug/kg	

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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB30-BOTTOM		
Lab Sample ID:	F68654-2	**Date Sampled:**	10/08/09
Matrix:	SO - Soil	**Date Received:**	10/09/09
Method:	SW846 8260B	**Percent Solids:**	80.8
Project:	Holloman AFB; WPOL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	5.6	1.1	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.6	2.2	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	5.6	1.8	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.6	1.4	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	28	5.6	ug/kg	
541-73-1	m-Dichlorobenzene	ND	5.6	1.1	ug/kg	
95-50-1	o-Dichlorobenzene	ND	5.6	1.1	ug/kg	
106-46-7	p-Dichlorobenzene	ND	5.6	1.1	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	5.6	1.3	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.6	1.1	ug/kg	
100-41-4	Ethylbenzene	ND	5.6	1.1	ug/kg	
97-63-2	Ethyl methacrylate	ND	28	5.6	ug/kg	
76-13-1	Freon 113	ND	5.6	2.9	ug/kg	
591-78-6	2-Hexanone	ND	28	5.6	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.6	1.3	ug/kg	
110-54-3	Hexane	ND	5.6	2.7	ug/kg	
98-82-8	Isopropylbenzene	ND	5.6	1.2	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.6	1.2	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	28	7.1	ug/kg	
126-98-7	Methacrylonitrile	ND	28	6.1	ug/kg	
74-83-9	Methyl bromide	ND	5.6	2.4	ug/kg	
74-87-3	Methyl chloride	ND	5.6	2.7	ug/kg	
74-88-4	Methyl iodide	ND	11	2.2	ug/kg	
80-62-6	Methyl methacrylate	ND	28	5.6	ug/kg	
74-95-3	Methylene bromide	ND	5.6	1.7	ug/kg	
75-09-2	Methylene chloride	ND	11	5.6	ug/kg	
78-93-3	Methyl ethyl ketone	ND	28	9.2	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.6	1.7	ug/kg	
91-20-3	Naphthalene	ND	5.6	2.2	ug/kg	
76-01-7	Pentachloroethane	ND	28	5.6	ug/kg	
107-12-0	Propionitrile	ND	56	13	ug/kg	
103-65-1	n-Propylbenzene	ND	5.6	1.3	ug/kg	
100-42-5	Styrene	ND	5.6	1.1	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.6	1.1	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.6	1.2	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.6	2.0	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.6	1.1	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.6	2.2	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.6	2.1	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.6	2.2	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB30-BOTTOM		
Lab Sample ID:	F68654-2	**Date Sampled:**	10/08/09
Matrix:	SO - Soil	**Date Received:**	10/09/09
Method:	SW846 8260B	**Percent Solids:**	80.8
Project:	Holloman AFB; WPOL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	5.6	1.1	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.6	1.1	ug/kg	
127-18-4	Tetrachloroethylene	ND	5.6	1.3	ug/kg	
108-88-3	Toluene	ND	5.6	1.1	ug/kg	
79-01-6	Trichloroethylene	ND	5.6	1.3	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.6	2.2	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	28	5.6	ug/kg	
75-01-4	Vinyl chloride	ND	5.6	2.2	ug/kg	
108-05-4	Vinyl Acetate	ND	28	13	ug/kg	
	m,p-Xylene	ND	11	2.1	ug/kg	
95-47-6	o-Xylene	ND	5.6	1.1	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		80-121%
2037-26-5	Toluene-D8	88%		71-130%
460-00-4	4-Bromofluorobenzene	108%		59-148%
17060-07-0	1,2-Dichloroethane-D4	95%		77-123%

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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB30-BOTTOM		
Lab Sample ID:	F68654-2	**Date Sampled:**	10/08/09
Matrix:	SO - Soil	**Date Received:**	10/09/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	80.8
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	U014732.D	1	10/21/09	NAF	10/15/09	OP30592	SU714
Run #2							

	Initial Weight	Final Volume
Run #1	31.7 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	980	390	ug/kg	
95-57-8	2-Chlorophenol	ND	200	39	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	200	39	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	200	39	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	200	39	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	980	390	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	390	120	ug/kg	
95-48-7	2-Methylphenol	ND	200	39	ug/kg	
	3&4-Methylphenol	ND	200	39	ug/kg	
88-75-5	2-Nitrophenol	ND	200	39	ug/kg	
100-02-7	4-Nitrophenol	ND	980	390	ug/kg	
87-86-5	Pentachlorophenol	ND	980	390	ug/kg	
108-95-2	Phenol	ND	200	39	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	200	39	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	200	39	ug/kg	
83-32-9	Acenaphthene	ND	200	39	ug/kg	
208-96-8	Acenaphthylene	ND	200	39	ug/kg	
120-12-7	Anthracene	ND	200	39	ug/kg	
92-87-5	Benzidine	ND	2000	980	ug/kg	
56-55-3	Benzo(a)anthracene	ND	200	39	ug/kg	
50-32-8	Benzo(a)pyrene	ND	200	39	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	200	39	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	200	39	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	200	39	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	200	39	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	390	78	ug/kg	
100-51-6	Benzyl Alcohol	ND	200	39	ug/kg	
91-58-7	2-Chloronaphthalene	ND	200	39	ug/kg	
106-47-8	4-Chloroaniline	ND	200	78	ug/kg	
218-01-9	Chrysene	ND	200	39	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	200	39	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	200	39	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB30-BOTTOM		
Lab Sample ID:	F68654-2	**Date Sampled:**	10/08/09
Matrix:	SO - Soil	**Date Received:**	10/09/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	80.8
Project:	Holloman AFB; WPOL		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	200	39	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	200	39	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	200	51	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	200	51	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	200	47	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	200	39	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	200	39	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	390	78	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	200	39	ug/kg	
132-64-9	Dibenzofuran	ND	200	39	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	390	78	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	390	78	ug/kg	
84-66-2	Diethyl phthalate	ND	390	200	ug/kg	
131-11-3	Dimethyl phthalate	ND	390	78	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	390	200	ug/kg	
206-44-0	Fluoranthene	ND	200	39	ug/kg	
86-73-7	Fluorene	ND	200	39	ug/kg	
118-74-1	Hexachlorobenzene	ND	200	39	ug/kg	
87-68-3	Hexachlorobutadiene	ND	200	39	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	200	39	ug/kg	
67-72-1	Hexachloroethane	ND	200	47	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	200	39	ug/kg	
78-59-1	Isophorone	ND	200	39	ug/kg	
91-57-6	2-Methylnaphthalene	ND	200	39	ug/kg	
88-74-4	2-Nitroaniline	ND	390	78	ug/kg	
99-09-2	3-Nitroaniline	ND	390	78	ug/kg	
100-01-6	4-Nitroaniline	ND	390	78	ug/kg	
91-20-3	Naphthalene	ND	200	39	ug/kg	
98-95-3	Nitrobenzene	ND	200	39	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	200	39	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	200	78	ug/kg	
85-01-8	Phenanthrene	ND	200	39	ug/kg	
129-00-0	Pyrene	ND	200	39	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	200	39	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	73%		40-102%
4165-62-2	Phenol-d5	82%		41-100%
118-79-6	2,4,6-Tribromophenol	91%		42-108%

ND = Not detected MDL - Method Detection Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB30-BOTTOM		
Lab Sample ID:	F68654-2	**Date Sampled:**	10/08/09
Matrix:	SO - Soil	**Date Received:**	10/09/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	80.8
Project:	Holloman AFB; WPOL		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	72%		40-105%
321-60-8	2-Fluorobiphenyl	72%		43-107%
1718-51-0	Terphenyl-d14	74%		45-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB30-BOTTOM		
Lab Sample ID:	F68654-2	**Date Sampled:**	10/08/09
Matrix:	SO - Soil	**Date Received:**	10/09/09
Method:	SW846 8015	**Percent Solids:**	80.8
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV036260.D	1	10/16/09	AH	n/a	n/a	GUV2088
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	6.18 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	6.2	3.1	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	85%		56-136%
98-08-8	aaa-Trifluorotoluene	95%		61-121%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB30-BOTTOM		
Lab Sample ID:	F68654-2	**Date Sampled:**	10/08/09
Matrix:	SO - Soil	**Date Received:**	10/09/09
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	80.8
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LL27904.D	1	10/15/09	SL	10/12/09	OP30563	GLL1059
Run #2							

	Initial Weight	Final Volume
Run #1	30.2 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	10	6.1	mg/kg	
	TPH (> C22-C36)	ND	10	6.1	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	77%		49-108%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB31-6'		
Lab Sample ID:	F68654-3	**Date Sampled:**	10/08/09
Matrix:	SO - Soil	**Date Received:**	10/09/09
Method:	SW846 8260B	**Percent Solids:**	80.3
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	H058042.D	1	10/16/09	MM	n/a	n/a	VH2169
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	7.82 g	5.0 ml	100 ul
Run #2			

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	2600	1300	ug/kg	
75-05-8	Acetonitrile	ND	2600	830	ug/kg	
107-02-8	Acrolein	ND	1300	510	ug/kg	
107-13-1	Acrylonitrile	ND	1300	360	ug/kg	
107-05-1	Allyl chloride	ND	1300	260	ug/kg	
71-43-2	Benzene	ND	260	52	ug/kg	
100-44-7	Benzyl Chloride	ND	260	57	ug/kg	
108-86-1	Bromobenzene	ND	260	52	ug/kg	
74-97-5	Bromochloromethane	ND	260	89	ug/kg	
75-27-4	Bromodichloromethane	ND	260	62	ug/kg	
75-25-2	Bromoform	ND	260	78	ug/kg	
104-51-8	n-Butylbenzene	1760	260	73	ug/kg	
135-98-8	sec-Butylbenzene	1800	260	57	ug/kg	
98-06-6	tert-Butylbenzene	ND	260	57	ug/kg	
108-90-7	Chlorobenzene	ND	260	52	ug/kg	
75-00-3	Chloroethane	ND	260	100	ug/kg	
67-66-3	Chloroform	ND	260	89	ug/kg	
544-10-5	1-Chlorohexane	ND	260	68	ug/kg	
95-49-8	o-Chlorotoluene	ND	260	52	ug/kg	
106-43-4	p-Chlorotoluene	ND	260	52	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	1300	520	ug/kg	
75-15-0	Carbon disulfide	ND	260	57	ug/kg	
56-23-5	Carbon tetrachloride	ND	260	73	ug/kg	
75-34-3	1,1-Dichloroethane	ND	260	100	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	260	68	ug/kg	
563-58-6	1,1-Dichloropropene	ND	260	73	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	260	120	ug/kg	
106-93-4	1,2-Dibromoethane	ND	260	52	ug/kg	
107-06-2	1,2-Dichloroethane	ND	260	57	ug/kg	
78-87-5	1,2-Dichloropropane	ND	260	73	ug/kg	
142-28-9	1,3-Dichloropropane	ND	260	52	ug/kg	
594-20-7	2,2-Dichloropropane	ND	260	110	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB31-6'		
Lab Sample ID:	F68654-3	**Date Sampled:**	10/08/09
Matrix:	SO - Soil	**Date Received:**	10/09/09
Method:	SW846 8260B	**Percent Solids:**	80.3
Project:	Holloman AFB; WPOL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	260	52	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	260	100	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	260	83	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	260	68	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	1300	260	ug/kg	
541-73-1	m-Dichlorobenzene	ND	260	52	ug/kg	
95-50-1	o-Dichlorobenzene	ND	260	52	ug/kg	
106-46-7	p-Dichlorobenzene	ND	260	52	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	260	62	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	260	52	ug/kg	
100-41-4	Ethylbenzene	ND	260	52	ug/kg	
97-63-2	Ethyl methacrylate	ND	1300	260	ug/kg	
76-13-1	Freon 113	ND	260	140	ug/kg	
591-78-6	2-Hexanone	ND	1300	260	ug/kg	
87-68-3	Hexachlorobutadiene	ND	260	62	ug/kg	
110-54-3	Hexane	ND	260	120	ug/kg	
98-82-8	Isopropylbenzene	579	260	57	ug/kg	
99-87-6	p-Isopropyltoluene	ND	260	57	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	1300	330	ug/kg	
126-98-7	Methacrylonitrile	ND	1300	290	ug/kg	
74-83-9	Methyl bromide	ND	260	110	ug/kg	
74-87-3	Methyl chloride	ND	260	120	ug/kg	
74-88-4	Methyl iodide	ND	520	100	ug/kg	
80-62-6	Methyl methacrylate	ND	1300	260	ug/kg	
74-95-3	Methylene bromide	ND	260	78	ug/kg	
75-09-2	Methylene chloride [b]	412	520	260	ug/kg	J
78-93-3	Methyl ethyl ketone	ND	1300	430	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	260	78	ug/kg	
91-20-3	Naphthalene	184	260	100	ug/kg	J
76-01-7	Pentachloroethane	ND	1300	260	ug/kg	
107-12-0	Propionitrile	ND	2600	620	ug/kg	
103-65-1	n-Propylbenzene	1130	260	62	ug/kg	
100-42-5	Styrene	ND	260	52	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	260	52	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	260	57	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	260	94	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	260	52	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	260	100	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	260	99	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	260	100	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB31-6'		
Lab Sample ID:	F68654-3	**Date Sampled:**	10/08/09
Matrix:	SO - Soil	**Date Received:**	10/09/09
Method:	SW846 8260B	**Percent Solids:**	80.3
Project:	Holloman AFB; WPOL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	260	52	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	150	260	52	ug/kg	J
127-18-4	Tetrachloroethylene	ND	260	62	ug/kg	
108-88-3	Toluene	ND	260	52	ug/kg	
79-01-6	Trichloroethylene	ND	260	62	ug/kg	
75-69-4	Trichlorofluoromethane	ND	260	100	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	1300	260	ug/kg	
75-01-4	Vinyl chloride	ND	260	100	ug/kg	
108-05-4	Vinyl Acetate	ND	1300	620	ug/kg	
	m,p-Xylene	ND	520	99	ug/kg	
95-47-6	o-Xylene	ND	260	52	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		80-121%
2037-26-5	Toluene-D8	89%		71-130%
460-00-4	4-Bromofluorobenzene	90%		59-148%
17060-07-0	1,2-Dichloroethane-D4	102%		77-123%

(a) Methanol extract analysis required due to matrix interference.
(b) Suspected laboratory contaminant.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB31-6'		
Lab Sample ID:	F68654-3	**Date Sampled:**	10/08/09
Matrix:	SO - Soil	**Date Received:**	10/09/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	80.3
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	U014733.D	4	10/21/09	NAF	10/15/09	OP30592	SU714
Run #2							

	Initial Weight	Final Volume
Run #1	32.2 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	3900	1500	ug/kg	
95-57-8	2-Chlorophenol	ND	770	150	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	770	150	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	770	150	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	770	150	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	3900	1500	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	1500	500	ug/kg	
95-48-7	2-Methylphenol	ND	770	150	ug/kg	
	3&4-Methylphenol	ND	770	150	ug/kg	
88-75-5	2-Nitrophenol	ND	770	150	ug/kg	
100-02-7	4-Nitrophenol	ND	3900	1500	ug/kg	
87-86-5	Pentachlorophenol	ND	3900	1500	ug/kg	
108-95-2	Phenol	ND	770	150	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	770	150	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	770	150	ug/kg	
83-32-9	Acenaphthene	ND	770	150	ug/kg	
208-96-8	Acenaphthylene	ND	770	150	ug/kg	
120-12-7	Anthracene	ND	770	150	ug/kg	
92-87-5	Benzidine	ND	7700	3900	ug/kg	
56-55-3	Benzo(a)anthracene	ND	770	150	ug/kg	
50-32-8	Benzo(a)pyrene	ND	770	150	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	770	150	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	770	150	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	770	150	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	770	150	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	1500	310	ug/kg	
100-51-6	Benzyl Alcohol	ND	770	150	ug/kg	
91-58-7	2-Chloronaphthalene	ND	770	150	ug/kg	
106-47-8	4-Chloroaniline	ND	770	310	ug/kg	
218-01-9	Chrysene	ND	770	150	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	770	150	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	770	150	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB31-6'		
Lab Sample ID:	F68654-3	**Date Sampled:**	10/08/09
Matrix:	SO - Soil	**Date Received:**	10/09/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	80.3
Project:	Holloman AFB; WPOL		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	770	150	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	770	150	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	770	200	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	770	200	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	770	190	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	770	150	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	770	150	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	1500	310	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	770	150	ug/kg	
132-64-9	Dibenzofuran	209	770	150	ug/kg	J
84-74-2	Di-n-butyl phthalate	ND	1500	310	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	1500	310	ug/kg	
84-66-2	Diethyl phthalate	ND	1500	770	ug/kg	
131-11-3	Dimethyl phthalate	ND	1500	310	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	1500	770	ug/kg	
206-44-0	Fluoranthene	ND	770	150	ug/kg	
86-73-7	Fluorene	ND	770	150	ug/kg	
118-74-1	Hexachlorobenzene	ND	770	150	ug/kg	
87-68-3	Hexachlorobutadiene	ND	770	150	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	770	150	ug/kg	
67-72-1	Hexachloroethane	ND	770	190	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	770	150	ug/kg	
78-59-1	Isophorone	ND	770	150	ug/kg	
91-57-6	2-Methylnaphthalene	ND	770	150	ug/kg	
88-74-4	2-Nitroaniline	ND	1500	310	ug/kg	
99-09-2	3-Nitroaniline	ND	1500	310	ug/kg	
100-01-6	4-Nitroaniline	ND	1500	310	ug/kg	
91-20-3	Naphthalene	ND	770	150	ug/kg	
98-95-3	Nitrobenzene	ND	770	150	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	770	150	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	770	310	ug/kg	
85-01-8	Phenanthrene	ND	770	150	ug/kg	
129-00-0	Pyrene	ND	770	150	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	770	150	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	77%		40-102%
4165-62-2	Phenol-d5	84%		41-100%
118-79-6	2,4,6-Tribromophenol	87%		42-108%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB31-6'		
Lab Sample ID:	F68654-3	**Date Sampled:**	10/08/09
Matrix:	SO - Soil	**Date Received:**	10/09/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	80.3
Project:	Holloman AFB; WPOL		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	95%		40-105%
321-60-8	2-Fluorobiphenyl	75%		43-107%
1718-51-0	Terphenyl-d14	72%		45-119%

(a) Dilution required due to matrix interference.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB31-6'		
Lab Sample ID:	F68654-3	**Date Sampled:**	10/08/09
Matrix:	SO - Soil	**Date Received:**	10/09/09
Method:	SW846 8015	**Percent Solids:**	80.3
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	QR050062.D	10	10/22/09	AH	n/a	n/a	GQR2174
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.67 g	5.0 ml	50.0 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	760	130	67	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	100%		56-136%
98-08-8	aaa-Trifluorotoluene	83%		61-121%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB31-6'		
Lab Sample ID:	F68654-3	**Date Sampled:**	10/08/09
Matrix:	SO - Soil	**Date Received:**	10/09/09
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	80.3
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LL27921.D	10	10/16/09	SL	10/12/09	OP30563	GLL1060
Run #2							

	Initial Weight	Final Volume
Run #1	30.0 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	465	100	62	mg/kg	
	TPH (> C22-C36)	ND	100	62	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	72%		49-108%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB31-BOTTOM		
Lab Sample ID:	F68654-4	**Date Sampled:**	10/08/09
Matrix:	SO - Soil	**Date Received:**	10/09/09
Method:	SW846 8260B	**Percent Solids:**	75.8
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	H057979.D	1	10/14/09	MM	n/a	n/a	VH2167
Run #2							

	Initial Weight
Run #1	4.77 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	69	35	ug/kg	
75-05-8	Acetonitrile	ND	69	22	ug/kg	
107-02-8	Acrolein	ND	35	14	ug/kg	
107-13-1	Acrylonitrile	ND	35	9.5	ug/kg	
107-05-1	Allyl chloride	ND	35	6.9	ug/kg	
71-43-2	Benzene	ND	6.9	1.4	ug/kg	
100-44-7	Benzyl Chloride	ND	6.9	1.5	ug/kg	
108-86-1	Bromobenzene	ND	6.9	1.4	ug/kg	
74-97-5	Bromochloromethane	ND	6.9	2.4	ug/kg	
75-27-4	Bromodichloromethane	ND	6.9	1.7	ug/kg	
75-25-2	Bromoform	ND	6.9	2.1	ug/kg	
104-51-8	n-Butylbenzene	54.3	6.9	1.9	ug/kg	
135-98-8	sec-Butylbenzene	62.7	6.9	1.5	ug/kg	
98-06-6	tert-Butylbenzene	ND	6.9	1.5	ug/kg	
108-90-7	Chlorobenzene	ND	6.9	1.4	ug/kg	
75-00-3	Chloroethane	ND	6.9	2.8	ug/kg	
67-66-3	Chloroform	ND	6.9	2.4	ug/kg	
544-10-5	1-Chlorohexane	ND	6.9	1.8	ug/kg	
95-49-8	o-Chlorotoluene	ND	6.9	1.4	ug/kg	
106-43-4	p-Chlorotoluene	ND	6.9	1.4	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	35	14	ug/kg	
75-15-0	Carbon disulfide	ND	6.9	1.5	ug/kg	
56-23-5	Carbon tetrachloride	ND	6.9	1.9	ug/kg	
75-34-3	1,1-Dichloroethane	ND	6.9	2.8	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	6.9	1.8	ug/kg	
563-58-6	1,1-Dichloropropene	ND	6.9	1.9	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	6.9	3.3	ug/kg	
106-93-4	1,2-Dibromoethane	ND	6.9	1.4	ug/kg	
107-06-2	1,2-Dichloroethane	ND	6.9	1.5	ug/kg	
78-87-5	1,2-Dichloropropane	ND	6.9	1.9	ug/kg	
142-28-9	1,3-Dichloropropane	ND	6.9	1.4	ug/kg	
594-20-7	2,2-Dichloropropane	ND	6.9	2.9	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB31-BOTTOM		
Lab Sample ID:	F68654-4	**Date Sampled:**	10/08/09
Matrix:	SO - Soil	**Date Received:**	10/09/09
Method:	SW846 8260B	**Percent Solids:**	75.8
Project:	Holloman AFB; WPOL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	6.9	1.4	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.9	2.8	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	6.9	2.2	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	6.9	1.8	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	35	6.9	ug/kg	
541-73-1	m-Dichlorobenzene	ND	6.9	1.4	ug/kg	
95-50-1	o-Dichlorobenzene	ND	6.9	1.4	ug/kg	
106-46-7	p-Dichlorobenzene	ND	6.9	1.4	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	6.9	1.7	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	6.9	1.4	ug/kg	
100-41-4	Ethylbenzene	ND	6.9	1.4	ug/kg	
97-63-2	Ethyl methacrylate	ND	35	6.9	ug/kg	
76-13-1	Freon 113	ND	6.9	3.6	ug/kg	
591-78-6	2-Hexanone	ND	35	6.9	ug/kg	
87-68-3	Hexachlorobutadiene	ND	6.9	1.7	ug/kg	
110-54-3	Hexane	ND	6.9	3.3	ug/kg	
98-82-8	Isopropylbenzene	19.6	6.9	1.5	ug/kg	
99-87-6	p-Isopropyltoluene	1.7	6.9	1.5	ug/kg	J
108-10-1	4-Methyl-2-pentanone	ND	35	8.9	ug/kg	
126-98-7	Methacrylonitrile	ND	35	7.6	ug/kg	
74-83-9	Methyl bromide	ND	6.9	3.0	ug/kg	
74-87-3	Methyl chloride	ND	6.9	3.3	ug/kg	
74-88-4	Methyl iodide	ND	14	2.8	ug/kg	
80-62-6	Methyl methacrylate	ND	35	6.9	ug/kg	
74-95-3	Methylene bromide	ND	6.9	2.1	ug/kg	
75-09-2	Methylene chloride	ND	14	6.9	ug/kg	
78-93-3	Methyl ethyl ketone	ND	35	11	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	6.9	2.1	ug/kg	
91-20-3	Naphthalene	5.1	6.9	2.8	ug/kg	J
76-01-7	Pentachloroethane	ND	35	6.9	ug/kg	
107-12-0	Propionitrile	ND	69	17	ug/kg	
103-65-1	n-Propylbenzene	32.0	6.9	1.7	ug/kg	
100-42-5	Styrene	ND	6.9	1.4	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	6.9	1.4	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	6.9	1.5	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6.9	2.5	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	6.9	1.4	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.9	2.8	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	6.9	2.6	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.9	2.8	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB31-BOTTOM		
Lab Sample ID:	F68654-4	**Date Sampled:**	10/08/09
Matrix:	SO - Soil	**Date Received:**	10/09/09
Method:	SW846 8260B	**Percent Solids:**	75.8
Project:	Holloman AFB; WPOL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	6.9	1.4	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	6.9	1.4	ug/kg	
127-18-4	Tetrachloroethylene	ND	6.9	1.7	ug/kg	
108-88-3	Toluene	ND	6.9	1.4	ug/kg	
79-01-6	Trichloroethylene	ND	6.9	1.7	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.9	2.8	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	35	6.9	ug/kg	
75-01-4	Vinyl chloride	ND	6.9	2.8	ug/kg	
108-05-4	Vinyl Acetate	ND	35	17	ug/kg	
	m,p-Xylene	ND	14	2.6	ug/kg	
95-47-6	o-Xylene	ND	6.9	1.4	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		80-121%
2037-26-5	Toluene-D8	89%		71-130%
460-00-4	4-Bromofluorobenzene	81%		59-148%
17060-07-0	1,2-Dichloroethane-D4	102%		77-123%

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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB31-BOTTOM		
Lab Sample ID:	F68654-4	**Date Sampled:**	10/08/09
Matrix:	SO - Soil	**Date Received:**	10/09/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	75.8
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	U014734.D	1	10/21/09	NAF	10/15/09	OP30592	SU714
Run #2							

	Initial Weight	Final Volume
Run #1	32.5 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1000	410	ug/kg	
95-57-8	2-Chlorophenol	ND	200	41	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	200	41	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	200	41	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	200	41	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1000	410	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	410	130	ug/kg	
95-48-7	2-Methylphenol	ND	200	41	ug/kg	
	3&4-Methylphenol	ND	200	41	ug/kg	
88-75-5	2-Nitrophenol	ND	200	41	ug/kg	
100-02-7	4-Nitrophenol	ND	1000	410	ug/kg	
87-86-5	Pentachlorophenol	ND	1000	410	ug/kg	
108-95-2	Phenol	ND	200	41	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	200	41	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	200	41	ug/kg	
83-32-9	Acenaphthene	ND	200	41	ug/kg	
208-96-8	Acenaphthylene	ND	200	41	ug/kg	
120-12-7	Anthracene	ND	200	41	ug/kg	
92-87-5	Benzidine	ND	2000	1000	ug/kg	
56-55-3	Benzo(a)anthracene	ND	200	41	ug/kg	
50-32-8	Benzo(a)pyrene	ND	200	41	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	200	41	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	200	41	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	200	41	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	200	41	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	410	81	ug/kg	
100-51-6	Benzyl Alcohol	ND	200	41	ug/kg	
91-58-7	2-Chloronaphthalene	ND	200	41	ug/kg	
106-47-8	4-Chloroaniline	ND	200	81	ug/kg	
218-01-9	Chrysene	ND	200	41	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	200	41	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	200	41	ug/kg	

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Report of Analysis

Client Sample ID:	WPOL-SB31-BOTTOM		
Lab Sample ID:	F68654-4	**Date Sampled:**	10/08/09
Matrix:	SO - Soil	**Date Received:**	10/09/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	75.8
Project:	Holloman AFB; WPOL		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	200	41	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	200	41	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	200	53	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	200	53	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	200	49	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	200	41	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	200	41	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	410	81	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	200	41	ug/kg	
132-64-9	Dibenzofuran	ND	200	41	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	410	81	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	410	81	ug/kg	
84-66-2	Diethyl phthalate	ND	410	200	ug/kg	
131-11-3	Dimethyl phthalate	ND	410	81	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	410	200	ug/kg	
206-44-0	Fluoranthene	ND	200	41	ug/kg	
86-73-7	Fluorene	ND	200	41	ug/kg	
118-74-1	Hexachlorobenzene	ND	200	41	ug/kg	
87-68-3	Hexachlorobutadiene	ND	200	41	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	200	41	ug/kg	
67-72-1	Hexachloroethane	ND	200	49	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	200	41	ug/kg	
78-59-1	Isophorone	ND	200	41	ug/kg	
91-57-6	2-Methylnaphthalene	ND	200	41	ug/kg	
88-74-4	2-Nitroaniline	ND	410	81	ug/kg	
99-09-2	3-Nitroaniline	ND	410	81	ug/kg	
100-01-6	4-Nitroaniline	ND	410	81	ug/kg	
91-20-3	Naphthalene	ND	200	41	ug/kg	
98-95-3	Nitrobenzene	ND	200	41	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	200	41	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	200	81	ug/kg	
85-01-8	Phenanthrene	ND	200	41	ug/kg	
129-00-0	Pyrene	ND	200	41	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	200	41	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	78%		40-102%
4165-62-2	Phenol-d5	89%		41-100%
118-79-6	2,4,6-Tribromophenol	88%		42-108%

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Report of Analysis

Client Sample ID:	WPOL-SB31-BOTTOM		
Lab Sample ID:	F68654-4	**Date Sampled:**	10/08/09
Matrix:	SO - Soil	**Date Received:**	10/09/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	75.8
Project:	Holloman AFB; WPOL		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	81%		40-105%
321-60-8	2-Fluorobiphenyl	77%		43-107%
1718-51-0	Terphenyl-d14	78%		45-119%

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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB31-BOTTOM		
Lab Sample ID:	F68654-4	**Date Sampled:**	10/08/09
Matrix:	SO - Soil	**Date Received:**	10/09/09
Method:	SW846 8015	**Percent Solids:**	75.8
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	QR050031.D	1	10/21/09	AH	n/a	n/a	GQR2172
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.41 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	16.7	7.7	3.8	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	85%		56-136%
98-08-8	aaa-Trifluorotoluene	85%		61-121%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB31-BOTTOM		
Lab Sample ID:	F68654-4	**Date Sampled:**	10/08/09
Matrix:	SO - Soil	**Date Received:**	10/09/09
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	75.8
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LL27922.D	1	10/16/09	SL	10/12/09	OP30563	GLL1060
Run #2							

	Initial Weight	Final Volume
Run #1	29.5 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	11	6.7	mg/kg	
	TPH (> C22-C36)	ND	11	6.7	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	84%		49-108%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB31A-6'		
Lab Sample ID:	F68654-5	**Date Sampled:**	10/08/09
Matrix:	SO - Soil	**Date Received:**	10/09/09
Method:	SW846 8260B	**Percent Solids:**	80.4
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	H058149.D	1	10/22/09	MM	n/a	n/a	VH2173
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	4.99 g	5.0 ml	100 ul
Run #2			

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	3700	1900	ug/kg	
75-05-8	Acetonitrile	ND	3700	1200	ug/kg	
107-02-8	Acrolein	ND	1900	730	ug/kg	
107-13-1	Acrylonitrile	ND	1900	510	ug/kg	
107-05-1	Allyl chloride	ND	1900	370	ug/kg	
71-43-2	Benzene	ND	370	75	ug/kg	
100-44-7	Benzyl Chloride	ND	370	82	ug/kg	
108-86-1	Bromobenzene	ND	370	75	ug/kg	
74-97-5	Bromochloromethane	ND	370	130	ug/kg	
75-27-4	Bromodichloromethane	ND	370	89	ug/kg	
75-25-2	Bromoform	ND	370	110	ug/kg	
104-51-8	n-Butylbenzene	4590	370	100	ug/kg	
135-98-8	sec-Butylbenzene	3700	370	82	ug/kg	
98-06-6	tert-Butylbenzene	ND	370	82	ug/kg	
108-90-7	Chlorobenzene	ND	370	75	ug/kg	
75-00-3	Chloroethane	ND	370	150	ug/kg	
67-66-3	Chloroform	ND	370	130	ug/kg	
544-10-5	1-Chlorohexane	ND	370	97	ug/kg	
95-49-8	o-Chlorotoluene	ND	370	75	ug/kg	
106-43-4	p-Chlorotoluene	ND	370	75	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	1900	750	ug/kg	
75-15-0	Carbon disulfide	ND	370	82	ug/kg	
56-23-5	Carbon tetrachloride	ND	370	100	ug/kg	
75-34-3	1,1-Dichloroethane	ND	370	150	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	370	97	ug/kg	
563-58-6	1,1-Dichloropropene	ND	370	100	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	370	180	ug/kg	
106-93-4	1,2-Dibromoethane	ND	370	75	ug/kg	
107-06-2	1,2-Dichloroethane	ND	370	82	ug/kg	
78-87-5	1,2-Dichloropropane	ND	370	100	ug/kg	
142-28-9	1,3-Dichloropropane	ND	370	75	ug/kg	
594-20-7	2,2-Dichloropropane	ND	370	160	ug/kg	

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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB31A-6'		
Lab Sample ID:	F68654-5	**Date Sampled:**	10/08/09
Matrix:	SO - Soil	**Date Received:**	10/09/09
Method:	SW846 8260B	**Percent Solids:**	80.4
Project:	Holloman AFB; WPOL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	370	75	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	370	150	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	370	120	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	370	97	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	1900	370	ug/kg	
541-73-1	m-Dichlorobenzene	ND	370	75	ug/kg	
95-50-1	o-Dichlorobenzene	ND	370	75	ug/kg	
106-46-7	p-Dichlorobenzene	ND	370	75	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	370	89	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	370	75	ug/kg	
100-41-4	Ethylbenzene	ND	370	75	ug/kg	
97-63-2	Ethyl methacrylate	ND	1900	370	ug/kg	
76-13-1	Freon 113	ND	370	190	ug/kg	
591-78-6	2-Hexanone	ND	1900	370	ug/kg	
87-68-3	Hexachlorobutadiene	ND	370	89	ug/kg	
110-54-3	Hexane	ND	370	180	ug/kg	
98-82-8	Isopropylbenzene	1400	370	82	ug/kg	
99-87-6	p-Isopropyltoluene	126	370	82	ug/kg	J
108-10-1	4-Methyl-2-pentanone	ND	1900	480	ug/kg	
126-98-7	Methacrylonitrile	ND	1900	410	ug/kg	
74-83-9	Methyl bromide	ND	370	160	ug/kg	
74-87-3	Methyl chloride	ND	370	180	ug/kg	
74-88-4	Methyl iodide	ND	750	150	ug/kg	
80-62-6	Methyl methacrylate	ND	1900	370	ug/kg	
74-95-3	Methylene bromide	ND	370	110	ug/kg	
75-09-2	Methylene chloride [b]	1150	750	370	ug/kg	B
78-93-3	Methyl ethyl ketone	ND	1900	620	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	370	110	ug/kg	
91-20-3	Naphthalene	367	370	150	ug/kg	J
76-01-7	Pentachloroethane	ND	1900	370	ug/kg	
107-12-0	Propionitrile	ND	3700	890	ug/kg	
103-65-1	n-Propylbenzene	2750	370	89	ug/kg	
100-42-5	Styrene	ND	370	75	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	370	75	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	370	82	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	370	130	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	370	75	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	370	150	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	370	140	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	370	150	ug/kg	

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Report of Analysis

Client Sample ID:	WPOL-SB31A-6'		
Lab Sample ID:	F68654-5	**Date Sampled:**	10/08/09
Matrix:	SO - Soil	**Date Received:**	10/09/09
Method:	SW846 8260B	**Percent Solids:**	80.4
Project:	Holloman AFB; WPOL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	370	75	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	226	370	75	ug/kg	J
127-18-4	Tetrachloroethylene	ND	370	89	ug/kg	
108-88-3	Toluene	ND	370	75	ug/kg	
79-01-6	Trichloroethylene	ND	370	89	ug/kg	
75-69-4	Trichlorofluoromethane	ND	370	150	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	1900	370	ug/kg	
75-01-4	Vinyl chloride	ND	370	150	ug/kg	
108-05-4	Vinyl Acetate	ND	1900	890	ug/kg	
	m,p-Xylene	ND	750	140	ug/kg	
95-47-6	o-Xylene	ND	370	75	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	95%		80-121%
2037-26-5	Toluene-D8	103%		71-130%
460-00-4	4-Bromofluorobenzene	91%		59-148%
17060-07-0	1,2-Dichloroethane-D4	100%		77-123%

(a) Methanol extract analysis required due to matrix interference.
(b) Suspected laboratory contaminant.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB31A-6'		
Lab Sample ID:	F68654-5	**Date Sampled:**	10/08/09
Matrix:	SO - Soil	**Date Received:**	10/09/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	80.4
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	U014735.D	4	10/21/09	NAF	10/15/09	OP30592	SU714
Run #2							

	Initial Weight	Final Volume
Run #1	32.7 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	3800	1500	ug/kg	
95-57-8	2-Chlorophenol	ND	760	150	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	760	150	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	760	150	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	760	150	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	3800	1500	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	1500	490	ug/kg	
95-48-7	2-Methylphenol	ND	760	150	ug/kg	
	3&4-Methylphenol	ND	760	150	ug/kg	
88-75-5	2-Nitrophenol	ND	760	150	ug/kg	
100-02-7	4-Nitrophenol	ND	3800	1500	ug/kg	
87-86-5	Pentachlorophenol	ND	3800	1500	ug/kg	
108-95-2	Phenol	ND	760	150	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	760	150	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	760	150	ug/kg	
83-32-9	Acenaphthene	ND	760	150	ug/kg	
208-96-8	Acenaphthylene	ND	760	150	ug/kg	
120-12-7	Anthracene	ND	760	150	ug/kg	
92-87-5	Benzidine	ND	7600	3800	ug/kg	
56-55-3	Benzo(a)anthracene	ND	760	150	ug/kg	
50-32-8	Benzo(a)pyrene	ND	760	150	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	760	150	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	760	150	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	760	150	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	760	150	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	1500	300	ug/kg	
100-51-6	Benzyl Alcohol	ND	760	150	ug/kg	
91-58-7	2-Chloronaphthalene	ND	760	150	ug/kg	
106-47-8	4-Chloroaniline	ND	760	300	ug/kg	
218-01-9	Chrysene	ND	760	150	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	760	150	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	760	150	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB31A-6'		
Lab Sample ID:	F68654-5	**Date Sampled:**	10/08/09
Matrix:	SO - Soil	**Date Received:**	10/09/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	80.4
Project:	Holloman AFB; WPOL		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	760	150	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	760	150	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	760	200	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	760	200	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	760	180	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	760	150	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	760	150	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	1500	300	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	760	150	ug/kg	
132-64-9	Dibenzofuran	ND	760	150	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	1500	300	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	1500	300	ug/kg	
84-66-2	Diethyl phthalate	ND	1500	760	ug/kg	
131-11-3	Dimethyl phthalate	ND	1500	300	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	1500	760	ug/kg	
206-44-0	Fluoranthene	ND	760	150	ug/kg	
86-73-7	Fluorene	ND	760	150	ug/kg	
118-74-1	Hexachlorobenzene	ND	760	150	ug/kg	
87-68-3	Hexachlorobutadiene	ND	760	150	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	760	150	ug/kg	
67-72-1	Hexachloroethane	ND	760	180	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	760	150	ug/kg	
78-59-1	Isophorone	ND	760	150	ug/kg	
91-57-6	2-Methylnaphthalene	ND	760	150	ug/kg	
88-74-4	2-Nitroaniline	ND	1500	300	ug/kg	
99-09-2	3-Nitroaniline	ND	1500	300	ug/kg	
100-01-6	4-Nitroaniline	ND	1500	300	ug/kg	
91-20-3	Naphthalene	ND	760	150	ug/kg	
98-95-3	Nitrobenzene	ND	760	150	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	760	150	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	760	300	ug/kg	
85-01-8	Phenanthrene	ND	760	150	ug/kg	
129-00-0	Pyrene	ND	760	150	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	760	150	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	73%		40-102%
4165-62-2	Phenol-d5	83%		41-100%
118-79-6	2,4,6-Tribromophenol	85%		42-108%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB31A-6'		
Lab Sample ID:	F68654-5	**Date Sampled:**	10/08/09
Matrix:	SO - Soil	**Date Received:**	10/09/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	80.4
Project:	Holloman AFB; WPOL		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	86%		40-105%
321-60-8	2-Fluorobiphenyl	71%		43-107%
1718-51-0	Terphenyl-d14	70%		45-119%

(a) Dilution required due to matrix interference.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB31A-6'		
Lab Sample ID:	F68654-5	**Date Sampled:**	10/08/09
Matrix:	SO - Soil	**Date Received:**	10/09/09
Method:	SW846 8015	**Percent Solids:**	80.4
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV036263.D	1	10/16/09	AH	n/a	n/a	GUV2088
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.37 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	7.0	3.5	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	90% [a]		56-136%
460-00-4	4-Bromofluorobenzene	162% [b]		56-136%
98-08-8	aaa-Trifluorotoluene	98%		61-121%

(a) Result reported from PID.
(b) Outside control limits due to matrix interference.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB31A-6'		
Lab Sample ID:	F68654-5	**Date Sampled:**	10/08/09
Matrix:	SO - Soil	**Date Received:**	10/09/09
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	80.4
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LL27923.D	10	10/16/09	SL	10/12/09	OP30563	GLL1060
Run #2							

	Initial Weight	Final Volume
Run #1	30.0 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	383	100	62	mg/kg	
	TPH (> C22-C36)	ND	100	62	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	75%		49-108%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB31A-BOTTOM		
Lab Sample ID:	F68654-6	**Date Sampled:**	10/08/09
Matrix:	SO - Soil	**Date Received:**	10/09/09
Method:	SW846 8260B	**Percent Solids:**	77.5
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	H057981.D	1	10/14/09	MM	n/a	n/a	VH2167
Run #2							

	Initial Weight
Run #1	5.63 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	57	29	ug/kg	
75-05-8	Acetonitrile	ND	57	18	ug/kg	
107-02-8	Acrolein	ND	29	11	ug/kg	
107-13-1	Acrylonitrile	ND	29	7.9	ug/kg	
107-05-1	Allyl chloride	ND	29	5.7	ug/kg	
71-43-2	Benzene	ND	5.7	1.1	ug/kg	
100-44-7	Benzyl Chloride	ND	5.7	1.3	ug/kg	
108-86-1	Bromobenzene	ND	5.7	1.1	ug/kg	
74-97-5	Bromochloromethane	ND	5.7	1.9	ug/kg	
75-27-4	Bromodichloromethane	ND	5.7	1.4	ug/kg	
75-25-2	Bromoform	ND	5.7	1.7	ug/kg	
104-51-8	n-Butylbenzene	56.2	5.7	1.6	ug/kg	
135-98-8	sec-Butylbenzene	65.7	5.7	1.3	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.7	1.3	ug/kg	
108-90-7	Chlorobenzene	ND	5.7	1.1	ug/kg	
75-00-3	Chloroethane	ND	5.7	2.3	ug/kg	
67-66-3	Chloroform	ND	5.7	1.9	ug/kg	
544-10-5	1-Chlorohexane	ND	5.7	1.5	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.7	1.1	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.7	1.1	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	29	11	ug/kg	
75-15-0	Carbon disulfide	ND	5.7	1.3	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.7	1.6	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.7	2.3	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	5.7	1.5	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.7	1.6	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.7	2.8	ug/kg	
106-93-4	1,2-Dibromoethane	ND	5.7	1.1	ug/kg	
107-06-2	1,2-Dichloroethane	ND	5.7	1.3	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.7	1.6	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.7	1.1	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.7	2.4	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB31A-BOTTOM		
Lab Sample ID:	F68654-6	**Date Sampled:**	10/08/09
Matrix:	SO - Soil	**Date Received:**	10/09/09
Method:	SW846 8260B	**Percent Solids:**	77.5
Project:	Holloman AFB; WPOL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	5.7	1.1	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.7	2.3	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	5.7	1.8	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.7	1.5	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	29	5.7	ug/kg	
541-73-1	m-Dichlorobenzene	ND	5.7	1.1	ug/kg	
95-50-1	o-Dichlorobenzene	ND	5.7	1.1	ug/kg	
106-46-7	p-Dichlorobenzene	ND	5.7	1.1	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	5.7	1.4	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.7	1.1	ug/kg	
100-41-4	Ethylbenzene	ND	5.7	1.1	ug/kg	
97-63-2	Ethyl methacrylate	ND	29	5.7	ug/kg	
76-13-1	Freon 113	ND	5.7	3.0	ug/kg	
591-78-6	2-Hexanone	ND	29	5.7	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.7	1.4	ug/kg	
110-54-3	Hexane	ND	5.7	2.8	ug/kg	
98-82-8	Isopropylbenzene	26.3	5.7	1.3	ug/kg	
99-87-6	p-Isopropyltoluene	2.5	5.7	1.3	ug/kg	J
108-10-1	4-Methyl-2-pentanone	ND	29	7.3	ug/kg	
126-98-7	Methacrylonitrile	ND	29	6.3	ug/kg	
74-83-9	Methyl bromide	ND	5.7	2.5	ug/kg	
74-87-3	Methyl chloride	ND	5.7	2.8	ug/kg	
74-88-4	Methyl iodide	ND	11	2.3	ug/kg	
80-62-6	Methyl methacrylate	ND	29	5.7	ug/kg	
74-95-3	Methylene bromide	ND	5.7	1.7	ug/kg	
75-09-2	Methylene chloride	ND	11	5.7	ug/kg	
78-93-3	Methyl ethyl ketone	ND	29	9.5	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.7	1.7	ug/kg	
91-20-3	Naphthalene	4.0	5.7	2.3	ug/kg	J
76-01-7	Pentachloroethane	ND	29	5.7	ug/kg	
107-12-0	Propionitrile	ND	57	14	ug/kg	
103-65-1	n-Propylbenzene	40.3	5.7	1.4	ug/kg	
100-42-5	Styrene	ND	5.7	1.1	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.7	1.1	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.7	1.3	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.7	2.1	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.7	1.1	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.7	2.3	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.7	2.2	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.7	2.3	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB31A-BOTTOM		
Lab Sample ID:	F68654-6	**Date Sampled:**	10/08/09
Matrix:	SO - Soil	**Date Received:**	10/09/09
Method:	SW846 8260B	**Percent Solids:**	77.5
Project:	Holloman AFB; WPOL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	5.7	1.1	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	2.9	5.7	1.1	ug/kg	J
127-18-4	Tetrachloroethylene	ND	5.7	1.4	ug/kg	
108-88-3	Toluene	ND	5.7	1.1	ug/kg	
79-01-6	Trichloroethylene	ND	5.7	1.4	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.7	2.3	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	29	5.7	ug/kg	
75-01-4	Vinyl chloride	ND	5.7	2.3	ug/kg	
108-05-4	Vinyl Acetate	ND	29	14	ug/kg	
	m,p-Xylene	ND	11	2.2	ug/kg	
95-47-6	o-Xylene	ND	5.7	1.1	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		80-121%
2037-26-5	Toluene-D8	93%		71-130%
460-00-4	4-Bromofluorobenzene	84%		59-148%
17060-07-0	1,2-Dichloroethane-D4	96%		77-123%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB31A-BOTTOM		
Lab Sample ID:	F68654-6	**Date Sampled:**	10/08/09
Matrix:	SO - Soil	**Date Received:**	10/09/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	77.5
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	U014736.D	1	10/21/09	NAF	10/15/09	OP30592	SU714
Run #2							

	Initial Weight	Final Volume
Run #1	27.5 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1200	470	ug/kg	
95-57-8	2-Chlorophenol	ND	230	47	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	230	47	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	230	47	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	230	47	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1200	470	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	470	150	ug/kg	
95-48-7	2-Methylphenol	ND	230	47	ug/kg	
	3&4-Methylphenol	ND	230	47	ug/kg	
88-75-5	2-Nitrophenol	ND	230	47	ug/kg	
100-02-7	4-Nitrophenol	ND	1200	470	ug/kg	
87-86-5	Pentachlorophenol	ND	1200	470	ug/kg	
108-95-2	Phenol	ND	230	47	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	230	47	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	230	47	ug/kg	
83-32-9	Acenaphthene	ND	230	47	ug/kg	
208-96-8	Acenaphthylene	ND	230	47	ug/kg	
120-12-7	Anthracene	ND	230	47	ug/kg	
92-87-5	Benzidine	ND	2300	1200	ug/kg	
56-55-3	Benzo(a)anthracene	ND	230	47	ug/kg	
50-32-8	Benzo(a)pyrene	ND	230	47	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	230	47	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	230	47	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	230	47	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	230	47	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	470	94	ug/kg	
100-51-6	Benzyl Alcohol	ND	230	47	ug/kg	
91-58-7	2-Chloronaphthalene	ND	230	47	ug/kg	
106-47-8	4-Chloroaniline	ND	230	94	ug/kg	
218-01-9	Chrysene	ND	230	47	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	230	47	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	230	47	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB31A-BOTTOM		
Lab Sample ID:	F68654-6	**Date Sampled:**	10/08/09
Matrix:	SO - Soil	**Date Received:**	10/09/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	77.5
Project:	Holloman AFB; WPOL		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	230	47	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	230	47	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	230	61	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	230	61	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	230	56	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	230	47	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	230	47	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	470	94	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	230	47	ug/kg	
132-64-9	Dibenzofuran	ND	230	47	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	470	94	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	470	94	ug/kg	
84-66-2	Diethyl phthalate	ND	470	230	ug/kg	
131-11-3	Dimethyl phthalate	ND	470	94	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	470	230	ug/kg	
206-44-0	Fluoranthene	ND	230	47	ug/kg	
86-73-7	Fluorene	ND	230	47	ug/kg	
118-74-1	Hexachlorobenzene	ND	230	47	ug/kg	
87-68-3	Hexachlorobutadiene	ND	230	47	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	230	47	ug/kg	
67-72-1	Hexachloroethane	ND	230	56	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	230	47	ug/kg	
78-59-1	Isophorone	ND	230	47	ug/kg	
91-57-6	2-Methylnaphthalene	ND	230	47	ug/kg	
88-74-4	2-Nitroaniline	ND	470	94	ug/kg	
99-09-2	3-Nitroaniline	ND	470	94	ug/kg	
100-01-6	4-Nitroaniline	ND	470	94	ug/kg	
91-20-3	Naphthalene	ND	230	47	ug/kg	
98-95-3	Nitrobenzene	ND	230	47	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	230	47	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	230	94	ug/kg	
85-01-8	Phenanthrene	ND	230	47	ug/kg	
129-00-0	Pyrene	ND	230	47	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	230	47	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	70%		40-102%
4165-62-2	Phenol-d5	80%		41-100%
118-79-6	2,4,6-Tribromophenol	85%		42-108%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB31A-BOTTOM		
Lab Sample ID:	F68654-6	**Date Sampled:**	10/08/09
Matrix:	SO - Soil	**Date Received:**	10/09/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	77.5
Project:	Holloman AFB; WPOL		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	71%		40-105%
321-60-8	2-Fluorobiphenyl	70%		43-107%
1718-51-0	Terphenyl-d14	74%		45-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB31A-BOTTOM		
Lab Sample ID:	F68654-6	**Date Sampled:**	10/08/09
Matrix:	SO - Soil	**Date Received:**	10/09/09
Method:	SW846 8015	**Percent Solids:**	77.5
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	QR050032.D	1	10/21/09	AH	n/a	n/a	GQR2172
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	3.35 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	12.7	11	5.5	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	98%		56-136%
98-08-8	aaa-Trifluorotoluene	86%		61-121%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB31A-BOTTOM		
Lab Sample ID:	F68654-6	**Date Sampled:**	10/08/09
Matrix:	SO - Soil	**Date Received:**	10/09/09
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	77.5
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LL27910.D	1	10/15/09	SL	10/12/09	OP30563	GLL1059
Run #2							

	Initial Weight	Final Volume
Run #1	29.9 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	17.8	11	6.5	mg/kg	
	TPH (> C22-C36)	ND	11	6.5	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	83%		49-108%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	F68654-7	**Date Sampled:**	10/08/09
Matrix:	SO - Trip Blank Soil	**Date Received:**	10/09/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	H057982.D	1	10/14/09	MM	n/a	n/a	VH2167
Run #2							

	Initial Weight
Run #1	5.00 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	50	25	ug/kg	
75-05-8	Acetonitrile	ND	50	16	ug/kg	
107-02-8	Acrolein	ND	25	9.8	ug/kg	
107-13-1	Acrylonitrile	ND	25	6.9	ug/kg	
107-05-1	Allyl chloride	ND	25	5.0	ug/kg	
71-43-2	Benzene	ND	5.0	1.0	ug/kg	
100-44-7	Benzyl Chloride	ND	5.0	1.1	ug/kg	
108-86-1	Bromobenzene	ND	5.0	1.0	ug/kg	
74-97-5	Bromochloromethane	ND	5.0	1.7	ug/kg	
75-27-4	Bromodichloromethane	ND	5.0	1.2	ug/kg	
75-25-2	Bromoform	ND	5.0	1.5	ug/kg	
104-51-8	n-Butylbenzene	ND	5.0	1.4	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.0	1.1	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.0	1.1	ug/kg	
108-90-7	Chlorobenzene	ND	5.0	1.0	ug/kg	
75-00-3	Chloroethane	ND	5.0	2.0	ug/kg	
67-66-3	Chloroform	ND	5.0	1.7	ug/kg	
544-10-5	1-Chlorohexane	ND	5.0	1.3	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.0	1.0	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.0	1.0	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	25	10	ug/kg	
75-15-0	Carbon disulfide	ND	5.0	1.1	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.0	1.4	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.0	2.0	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	5.0	1.3	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.0	1.4	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	2.4	ug/kg	
106-93-4	1,2-Dibromoethane	ND	5.0	1.0	ug/kg	
107-06-2	1,2-Dichloroethane	ND	5.0	1.1	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.0	1.4	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.0	1.0	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.0	2.1	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	F68654-7	**Date Sampled:**	10/08/09
Matrix:	SO - Trip Blank Soil	**Date Received:**	10/09/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Holloman AFB; WPOL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	5.0	1.0	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	2.0	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	5.0	1.6	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	1.3	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	25	5.0	ug/kg	
541-73-1	m-Dichlorobenzene	ND	5.0	1.0	ug/kg	
95-50-1	o-Dichlorobenzene	ND	5.0	1.0	ug/kg	
106-46-7	p-Dichlorobenzene	ND	5.0	1.0	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	5.0	1.2	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	1.0	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	1.0	ug/kg	
97-63-2	Ethyl methacrylate	ND	25	5.0	ug/kg	
76-13-1	Freon 113	ND	5.0	2.6	ug/kg	
591-78-6	2-Hexanone	ND	25	5.0	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.0	1.2	ug/kg	
110-54-3	Hexane	ND	5.0	2.4	ug/kg	
98-82-8	Isopropylbenzene	ND	5.0	1.1	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.0	1.1	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	25	6.4	ug/kg	
126-98-7	Methacrylonitrile	ND	25	5.5	ug/kg	
74-83-9	Methyl bromide	ND	5.0	2.2	ug/kg	
74-87-3	Methyl chloride	ND	5.0	2.4	ug/kg	
74-88-4	Methyl iodide	ND	10	2.0	ug/kg	
80-62-6	Methyl methacrylate	ND	25	5.0	ug/kg	
74-95-3	Methylene bromide	ND	5.0	1.5	ug/kg	
75-09-2	Methylene chloride	ND	10	5.0	ug/kg	
78-93-3	Methyl ethyl ketone	ND	25	8.3	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	1.5	ug/kg	
91-20-3	Naphthalene	ND	5.0	2.0	ug/kg	
76-01-7	Pentachloroethane	ND	25	5.0	ug/kg	
107-12-0	Propionitrile	ND	50	12	ug/kg	
103-65-1	n-Propylbenzene	ND	5.0	1.2	ug/kg	
100-42-5	Styrene	ND	5.0	1.0	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	1.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.0	1.1	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	1.8	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.0	1.0	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	2.0	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.9	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	2.0	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	F68654-7	**Date Sampled:**	10/08/09
Matrix:	SO - Trip Blank Soil	**Date Received:**	10/09/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Holloman AFB; WPOL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	1.0	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	1.0	ug/kg	
127-18-4	Tetrachloroethylene	ND	5.0	1.2	ug/kg	
108-88-3	Toluene	ND	5.0	1.0	ug/kg	
79-01-6	Trichloroethylene	ND	5.0	1.2	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	2.0	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	25	5.0	ug/kg	
75-01-4	Vinyl chloride	ND	5.0	2.0	ug/kg	
108-05-4	Vinyl Acetate	ND	25	12	ug/kg	
	m,p-Xylene	ND	10	1.9	ug/kg	
95-47-6	o-Xylene	ND	5.0	1.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	111%		80-121%
2037-26-5	Toluene-D8	86%		71-130%
460-00-4	4-Bromofluorobenzene	101%		59-148%
17060-07-0	1,2-Dichloroethane-D4	99%		77-123%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Certification Exceptions
- Chain of Custody

NATIONVIEW

F68654

Chain of Custody and Analytical Request

Page: of

Project No: 8090012.01.01

COC Number(1): 10082009

LIMS Number:

Facility/Base I.D.: Hollomai Air Force Base

Project/Site Name: WPOL

Client Name: USACE

Collected by: T Lucero

	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	8260 VOCS + HEXANE	8270 SVOCS	8015 ORO,DRO	8015 GRO	PERCENT MOISTURE				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	WPOL-SB30- 6'	WPOL-SB30- 6'	08102009	0845	6 - 7	N	1	SO	7	[1]	[1]	[1]	[1]	[1]							1
2	WPOL-SB30 Bottom	WPOL-SB30 Bottom	08102009	0900	7 - 7.5	N	1	SO	7	[1]	[1]	[1]	[1]	[1]							1
3	WPOL-SB31- 6'	WPOL-SB31- 6'	08102009	0930	6 - 7	N	1	SO	7	[1]	[1]	[1]	[1]	[1]							1
4	WPOL-SB31- Bottom	WPOL-SB31- Bottom	08102009	0945	6 - 7	N	1	SO	7	[1]	[1]	[1]	[1]	[1]							1
5	WPOL-SB31a- 6'	WPOL-SB31a 6'	08102009	0930	6 - 7	N	1	SO	7	[1]	[1]	[1]	[1]	[1]							1
6	WPOL-SB31a- Bottom	WPOL-SB31a Bottom	08102009	0945	6 - 7	N	1	SO	7	[1]	[1]	[1]	[1]	[1]							1
7	TRIP BLANK	FIELD QC	08102009	0845	-	TB	1	AQ	1	[1]											
					-																
					-																
					-																
					-																

COMMENTS:

Email resultsto : rrenvironmental@zianet.com , tlucero@nationview.net , molive@bhate.com , ywatts@bhate.com

Custody Transfers Prior to Receipt by Laboratory

	Relinquished By (Signed)	Date	Time		Received by (signed)	Date	Time
1.	Tony Lucero	10082009	1600	1.	FX		
2.	FX	10/9/09	930	2.	CWR/Accutest	10/9/09	930
3.				3.			

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab: Shipped No.:

Method of Shipment: Fed Ex Airbill Number: 796014441816

Analytical Lab: Accutest Delivery Location: Orlando FL

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

3.6

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

4.1

4

F68654: Chain of Custody

Page 1 of 2

ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: F68654 CLIENT: NAtionview PROJECT: WP01

DATE/TIME RECEIVED: 10/9/09 930 # OF COOLERS RECEIVED: 1 COOLER TEMPS: 3.6

METHOD OF DELIVERY: (FEDEX) UPS ACCUTEST COURIER GREYHOUND DELIVERY OTHER

AIRBILL NUMBERS: 7960 1444 1816

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
- [ ] WET ICE RECEIVED IN COOLER

TRIP BLANK INFORMATION

- [x] TRIP BLANK PROVIDED
- [ ] TRIP BLANK NOT PROVIDED
- [ ] TRIP BLANK NOT ON COC
- [x] TRIP BLANK INTACT
- [ ] TRIP BLANK NOT INTACT
- [ ] RECEIVED WATER TRIP BLANK
- [x] RECEIVED SOIL TRIP BLANK

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)

MISC. INFORMATION

NUMBER OF ENCORES ? 0

NUMBER OF 5035 FIELD KITS ? 12+TB

NUMBER OF LAB FILTERED METALS ? 0

SUMMARY OF COMMENTS:

TECHNICIAN SIGNATURE/DATE CLR 10/9/09 TECHNICIAN SIGNATURE/DATE JC 10-9-09

ASBD 12/17/07

4.1

4

F68654: Chain of Custody

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GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F68654
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VH2167-MB	H057965.D	1	10/14/09	MM	n/a	n/a	VH2167

The QC reported here applies to the following samples: **Method:** SW846 8260B

F68654-1, F68654-2, F68654-4, F68654-6, F68654-7

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	55	27	ug/kg	
75-05-8	Acetonitrile	ND	55	17	ug/kg	
107-02-8	Acrolein	ND	27	11	ug/kg	
107-13-1	Acrylonitrile	ND	27	7.5	ug/kg	
107-05-1	Allyl chloride	ND	27	5.5	ug/kg	
71-43-2	Benzene	ND	5.5	1.1	ug/kg	
100-44-7	Benzyl Chloride	ND	5.5	1.2	ug/kg	
108-86-1	Bromobenzene	ND	5.5	1.1	ug/kg	
74-97-5	Bromochloromethane	ND	5.5	1.9	ug/kg	
75-27-4	Bromodichloromethane	ND	5.5	1.3	ug/kg	
75-25-2	Bromoform	ND	5.5	1.6	ug/kg	
104-51-8	n-Butylbenzene	ND	5.5	1.5	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.5	1.2	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.5	1.2	ug/kg	
108-90-7	Chlorobenzene	ND	5.5	1.1	ug/kg	
75-00-3	Chloroethane	ND	5.5	2.2	ug/kg	
67-66-3	Chloroform	ND	5.5	1.9	ug/kg	
544-10-5	1-Chlorohexane	ND	5.5	1.4	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.5	1.1	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.5	1.1	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	27	11	ug/kg	
75-15-0	Carbon disulfide	ND	5.5	1.2	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.5	1.5	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.5	2.2	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	5.5	1.4	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.5	1.5	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.5	2.6	ug/kg	
106-93-4	1,2-Dibromoethane	ND	5.5	1.1	ug/kg	
107-06-2	1,2-Dichloroethane	ND	5.5	1.2	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.5	1.5	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.5	1.1	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.5	2.3	ug/kg	
124-48-1	Dibromochloromethane	ND	5.5	1.1	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.5	2.2	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	5.5	1.7	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.5	1.4	ug/kg	

Method Blank Summary

Job Number: F68654
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VH2167-MB	H057965.D	1	10/14/09	MM	n/a	n/a	VH2167

The QC reported here applies to the following samples: **Method:** SW846 8260B

F68654-1, F68654-2, F68654-4, F68654-6, F68654-7

CAS No.	Compound	Result	RL	MDL	Units	Q
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	27	5.5	ug/kg	
541-73-1	m-Dichlorobenzene	ND	5.5	1.1	ug/kg	
95-50-1	o-Dichlorobenzene	ND	5.5	1.1	ug/kg	
106-46-7	p-Dichlorobenzene	ND	5.5	1.1	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	5.5	1.3	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.5	1.1	ug/kg	
100-41-4	Ethylbenzene	ND	5.5	1.1	ug/kg	
97-63-2	Ethyl methacrylate	ND	27	5.5	ug/kg	
76-13-1	Freon 113	ND	5.5	2.8	ug/kg	
591-78-6	2-Hexanone	ND	27	5.5	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.5	1.3	ug/kg	
110-54-3	Hexane	ND	5.5	2.6	ug/kg	
98-82-8	Isopropylbenzene	ND	5.5	1.2	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.5	1.2	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	27	7.0	ug/kg	
126-98-7	Methacrylonitrile	ND	27	6.0	ug/kg	
74-83-9	Methyl bromide	ND	5.5	2.4	ug/kg	
74-87-3	Methyl chloride	ND	5.5	2.6	ug/kg	
74-88-4	Methyl iodide	ND	11	2.2	ug/kg	
80-62-6	Methyl methacrylate	ND	27	5.5	ug/kg	
74-95-3	Methylene bromide	ND	5.5	1.6	ug/kg	
75-09-2	Methylene chloride	ND	11	5.5	ug/kg	
78-93-3	Methyl ethyl ketone	ND	27	9.1	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.5	1.6	ug/kg	
91-20-3	Naphthalene	ND	5.5	2.2	ug/kg	
76-01-7	Pentachloroethane	ND	27	5.5	ug/kg	
107-12-0	Propionitrile	ND	55	13	ug/kg	
103-65-1	n-Propylbenzene	ND	5.5	1.3	ug/kg	
100-42-5	Styrene	ND	5.5	1.1	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.5	1.1	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.5	1.2	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.5	2.0	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.5	1.1	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.5	2.2	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.5	2.1	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.5	2.2	ug/kg	

Method Blank Summary

Job Number: F68654
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VH2167-MB	H057965.D	1	10/14/09	MM	n/a	n/a	VH2167

The QC reported here applies to the following samples: **Method:** SW846 8260B

F68654-1, F68654-2, F68654-4, F68654-6, F68654-7

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	5.5	1.1	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.5	1.1	ug/kg	
127-18-4	Tetrachloroethylene	ND	5.5	1.3	ug/kg	
108-88-3	Toluene	ND	5.5	1.1	ug/kg	
79-01-6	Trichloroethylene	ND	5.5	1.3	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.5	2.2	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	27	5.5	ug/kg	
75-01-4	Vinyl chloride	ND	5.5	2.2	ug/kg	
108-05-4	Vinyl Acetate	ND	27	13	ug/kg	
	m,p-Xylene	ND	11	2.1	ug/kg	
95-47-6	o-Xylene	ND	5.5	1.1	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	99%	80-121%
2037-26-5	Toluene-D8	88%	71-130%
460-00-4	4-Bromofluorobenzene	104%	59-148%
17060-07-0	1,2-Dichloroethane-D4	101%	77-123%

Method Blank Summary

Job Number: F68654
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VH2169-MB	H058020.D	1	10/16/09	MM	n/a	n/a	VH2169

The QC reported here applies to the following samples: **Method:** SW846 8260B

F68654-3

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	48	24	ug/kg	
75-05-8	Acetonitrile	ND	48	15	ug/kg	
107-02-8	Acrolein	ND	24	9.4	ug/kg	
107-13-1	Acrylonitrile	ND	24	6.6	ug/kg	
107-05-1	Allyl chloride	ND	24	4.8	ug/kg	
71-43-2	Benzene	ND	4.8	0.96	ug/kg	
100-44-7	Benzyl Chloride	ND	4.8	1.1	ug/kg	
108-86-1	Bromobenzene	ND	4.8	0.96	ug/kg	
74-97-5	Bromochloromethane	ND	4.8	1.6	ug/kg	
75-27-4	Bromodichloromethane	ND	4.8	1.2	ug/kg	
75-25-2	Bromoform	ND	4.8	1.4	ug/kg	
104-51-8	n-Butylbenzene	ND	4.8	1.3	ug/kg	
135-98-8	sec-Butylbenzene	ND	4.8	1.1	ug/kg	
98-06-6	tert-Butylbenzene	ND	4.8	1.1	ug/kg	
108-90-7	Chlorobenzene	ND	4.8	0.96	ug/kg	
75-00-3	Chloroethane	ND	4.8	1.9	ug/kg	
67-66-3	Chloroform	ND	4.8	1.6	ug/kg	
544-10-5	1-Chlorohexane	ND	4.8	1.2	ug/kg	
95-49-8	o-Chlorotoluene	ND	4.8	0.96	ug/kg	
106-43-4	p-Chlorotoluene	ND	4.8	0.96	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	24	9.6	ug/kg	
75-15-0	Carbon disulfide	ND	4.8	1.1	ug/kg	
56-23-5	Carbon tetrachloride	ND	4.8	1.3	ug/kg	
75-34-3	1,1-Dichloroethane	ND	4.8	1.9	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	4.8	1.2	ug/kg	
563-58-6	1,1-Dichloropropene	ND	4.8	1.3	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	4.8	2.3	ug/kg	
106-93-4	1,2-Dibromoethane	ND	4.8	0.96	ug/kg	
107-06-2	1,2-Dichloroethane	ND	4.8	1.1	ug/kg	
78-87-5	1,2-Dichloropropane	ND	4.8	1.3	ug/kg	
142-28-9	1,3-Dichloropropane	ND	4.8	0.96	ug/kg	
594-20-7	2,2-Dichloropropane	ND	4.8	2.0	ug/kg	
124-48-1	Dibromochloromethane	ND	4.8	0.96	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	4.8	1.9	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	4.8	1.5	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	4.8	1.2	ug/kg	

Method Blank Summary

Job Number: F68654
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VH2169-MB	H058020.D	1	10/16/09	MM	n/a	n/a	VH2169

The QC reported here applies to the following samples: **Method:** SW846 8260B

F68654-3

CAS No.	Compound	Result	RL	MDL	Units	Q
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	24	4.8	ug/kg	
541-73-1	m-Dichlorobenzene	ND	4.8	0.96	ug/kg	
95-50-1	o-Dichlorobenzene	ND	4.8	0.96	ug/kg	
106-46-7	p-Dichlorobenzene	ND	4.8	0.96	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	4.8	1.2	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	4.8	0.96	ug/kg	
100-41-4	Ethylbenzene	ND	4.8	0.96	ug/kg	
97-63-2	Ethyl methacrylate	ND	24	4.8	ug/kg	
76-13-1	Freon 113	ND	4.8	2.5	ug/kg	
591-78-6	2-Hexanone	ND	24	4.8	ug/kg	
87-68-3	Hexachlorobutadiene	ND	4.8	1.2	ug/kg	
110-54-3	Hexane	ND	4.8	2.3	ug/kg	
98-82-8	Isopropylbenzene	ND	4.8	1.1	ug/kg	
99-87-6	p-Isopropyltoluene	ND	4.8	1.1	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	24	6.1	ug/kg	
126-98-7	Methacrylonitrile	ND	24	5.3	ug/kg	
74-83-9	Methyl bromide	ND	4.8	2.1	ug/kg	
74-87-3	Methyl chloride	ND	4.8	2.3	ug/kg	
74-88-4	Methyl iodide	ND	9.6	1.9	ug/kg	
80-62-6	Methyl methacrylate	ND	24	4.8	ug/kg	
74-95-3	Methylene bromide	ND	4.8	1.4	ug/kg	
75-09-2	Methylene chloride	ND	9.6	4.8	ug/kg	
78-93-3	Methyl ethyl ketone	ND	24	8.0	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	4.8	1.4	ug/kg	
91-20-3	Naphthalene	ND	4.8	1.9	ug/kg	
76-01-7	Pentachloroethane	ND	24	4.8	ug/kg	
107-12-0	Propionitrile	ND	48	12	ug/kg	
103-65-1	n-Propylbenzene	ND	4.8	1.2	ug/kg	
100-42-5	Styrene	ND	4.8	0.96	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	4.8	0.96	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	4.8	1.1	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	4.8	1.7	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	4.8	0.96	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	4.8	1.9	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	4.8	1.8	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	4.8	1.9	ug/kg	

Method Blank Summary

Job Number: F68654
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VH2169-MB	H058020.D	1	10/16/09	MM	n/a	n/a	VH2169

The QC reported here applies to the following samples: **Method:** SW846 8260B

F68654-3

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	4.8	0.96	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	4.8	0.96	ug/kg	
127-18-4	Tetrachloroethylene	ND	4.8	1.2	ug/kg	
108-88-3	Toluene	ND	4.8	0.96	ug/kg	
79-01-6	Trichloroethylene	ND	4.8	1.2	ug/kg	
75-69-4	Trichlorofluoromethane	ND	4.8	1.9	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	24	4.8	ug/kg	
75-01-4	Vinyl chloride	ND	4.8	1.9	ug/kg	
108-05-4	Vinyl Acetate	ND	24	12	ug/kg	
	m,p-Xylene	ND	9.6	1.8	ug/kg	
95-47-6	o-Xylene	ND	4.8	0.96	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	100%	80-121%
2037-26-5	Toluene-D8	86%	71-130%
460-00-4	4-Bromofluorobenzene	106%	59-148%
17060-07-0	1,2-Dichloroethane-D4	96%	77-123%

Method Blank Summary

Job Number: F68654
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VH2173-MB	H058136.D	1	10/22/09	MM	n/a	n/a	VH2173

The QC reported here applies to the following samples: **Method:** SW846 8260B

F68654-5

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	50	25	ug/kg	
75-05-8	Acetonitrile	ND	50	16	ug/kg	
107-02-8	Acrolein	ND	25	9.9	ug/kg	
107-13-1	Acrylonitrile	ND	25	6.9	ug/kg	
107-05-1	Allyl chloride	ND	25	5.0	ug/kg	
71-43-2	Benzene	ND	5.0	1.0	ug/kg	
100-44-7	Benzyl Chloride	ND	5.0	1.1	ug/kg	
108-86-1	Bromobenzene	ND	5.0	1.0	ug/kg	
74-97-5	Bromochloromethane	ND	5.0	1.7	ug/kg	
75-27-4	Bromodichloromethane	ND	5.0	1.2	ug/kg	
75-25-2	Bromoform	ND	5.0	1.5	ug/kg	
104-51-8	n-Butylbenzene	ND	5.0	1.4	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.0	1.1	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.0	1.1	ug/kg	
108-90-7	Chlorobenzene	ND	5.0	1.0	ug/kg	
75-00-3	Chloroethane	ND	5.0	2.0	ug/kg	
67-66-3	Chloroform	ND	5.0	1.7	ug/kg	
544-10-5	1-Chlorohexane	ND	5.0	1.3	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.0	1.0	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.0	1.0	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	25	10	ug/kg	
75-15-0	Carbon disulfide	ND	5.0	1.1	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.0	1.4	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.0	2.0	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	5.0	1.3	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.0	1.4	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	2.4	ug/kg	
106-93-4	1,2-Dibromoethane	ND	5.0	1.0	ug/kg	
107-06-2	1,2-Dichloroethane	ND	5.0	1.1	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.0	1.4	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.0	1.0	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.0	2.1	ug/kg	
124-48-1	Dibromochloromethane	ND	5.0	1.0	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	2.0	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	5.0	1.6	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	1.3	ug/kg	

Method Blank Summary

Job Number: F68654
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VH2173-MB	H058136.D	1	10/22/09	MM	n/a	n/a	VH2173

The QC reported here applies to the following samples: **Method:** SW846 8260B

F68654-5

CAS No.	Compound	Result	RL	MDL	Units	Q
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	25	5.0	ug/kg	
541-73-1	m-Dichlorobenzene	ND	5.0	1.0	ug/kg	
95-50-1	o-Dichlorobenzene	ND	5.0	1.0	ug/kg	
106-46-7	p-Dichlorobenzene	ND	5.0	1.0	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	5.0	1.2	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	1.0	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	1.0	ug/kg	
97-63-2	Ethyl methacrylate	ND	25	5.0	ug/kg	
76-13-1	Freon 113	ND	5.0	2.6	ug/kg	
591-78-6	2-Hexanone	ND	25	5.0	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.0	1.2	ug/kg	
110-54-3	Hexane	ND	5.0	2.4	ug/kg	
98-82-8	Isopropylbenzene	ND	5.0	1.1	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.0	1.1	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	25	6.4	ug/kg	
126-98-7	Methacrylonitrile	ND	25	5.5	ug/kg	
74-83-9	Methyl bromide	ND	5.0	2.2	ug/kg	
74-87-3	Methyl chloride	ND	5.0	2.4	ug/kg	
74-88-4	Methyl iodide	ND	10	2.0	ug/kg	
80-62-6	Methyl methacrylate	ND	25	5.0	ug/kg	
74-95-3	Methylene bromide	ND	5.0	1.5	ug/kg	
75-09-2	Methylene chloride	54.3	10	5.0	ug/kg	
78-93-3	Methyl ethyl ketone	ND	25	8.4	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	1.5	ug/kg	
91-20-3	Naphthalene	ND	5.0	2.0	ug/kg	
76-01-7	Pentachloroethane	ND	25	5.0	ug/kg	
107-12-0	Propionitrile	ND	50	12	ug/kg	
103-65-1	n-Propylbenzene	ND	5.0	1.2	ug/kg	
100-42-5	Styrene	ND	5.0	1.0	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	1.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.0	1.1	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	1.8	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.0	1.0	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	2.0	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.9	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	2.0	ug/kg	

Method Blank Summary

Job Number: F68654
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VH2173-MB	H058136.D	1	10/22/09	MM	n/a	n/a	VH2173

The QC reported here applies to the following samples: **Method:** SW846 8260B

F68654-5

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	1.0	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	1.0	ug/kg	
127-18-4	Tetrachloroethylene	ND	5.0	1.2	ug/kg	
108-88-3	Toluene	ND	5.0	1.0	ug/kg	
79-01-6	Trichloroethylene	ND	5.0	1.2	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	2.0	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	25	5.0	ug/kg	
75-01-4	Vinyl chloride	ND	5.0	2.0	ug/kg	
108-05-4	Vinyl Acetate	ND	25	12	ug/kg	
	m,p-Xylene	ND	10	1.9	ug/kg	
95-47-6	o-Xylene	ND	5.0	1.0	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	97%	80-121%
2037-26-5	Toluene-D8	103%	71-130%
460-00-4	4-Bromofluorobenzene	104%	59-148%
17060-07-0	1,2-Dichloroethane-D4	106%	77-123%

Blank Spike Summary

Job Number: F68654
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VH2167-BS	H057964.D	1	10/14/09	MM	n/a	n/a	VH2167

The QC reported here applies to the following samples: **Method:** SW846 8260B

F68654-1, F68654-2, F68654-4, F68654-6, F68654-7

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
67-64-1	Acetone	250	242	97	61-144
75-05-8	Acetonitrile	500	448	90	59-139
107-02-8	Acrolein	250	246	98	27-156
107-13-1	Acrylonitrile	250	275	110	55-144
107-05-1	Allyl chloride	50	53.6	107	41-152
71-43-2	Benzene	50	56.5	113	78-130
100-44-7	Benzyl Chloride	50	48.8	98	74-130
108-86-1	Bromobenzene	50	51.6	103	78-123
74-97-5	Bromochloromethane	50	50.4	101	72-122
75-27-4	Bromodichloromethane	50	49.8	100	73-122
75-25-2	Bromoform	50	40.6	81	70-139
104-51-8	n-Butylbenzene	50	58.3	117	80-138
135-98-8	sec-Butylbenzene	50	59.4	119	82-132
98-06-6	tert-Butylbenzene	50	58.6	117	79-130
108-90-7	Chlorobenzene	50	55.1	110	83-122
75-00-3	Chloroethane	50	45.3	91	61-153
67-66-3	Chloroform	50	52.0	104	79-129
544-10-5	1-Chlorohexane	50	55.4	111	85-137
95-49-8	o-Chlorotoluene	50	56.3	113	77-123
106-43-4	p-Chlorotoluene	50	55.8	112	78-129
110-75-8	2-Chloroethyl vinyl ether	250	217	87	52-142
75-15-0	Carbon disulfide	50	51.9	104	61-142
56-23-5	Carbon tetrachloride	50	55.6	111	79-135
75-34-3	1,1-Dichloroethane	50	48.2	96	77-132
75-35-4	1,1-Dichloroethylene	50	49.3	99	66-132
563-58-6	1,1-Dichloropropene	50	54.8	110	81-133
96-12-8	1,2-Dibromo-3-chloropropane	50	43.5	87	67-129
106-93-4	1,2-Dibromoethane	50	49.0	98	77-126
107-06-2	1,2-Dichloroethane	50	50.2	100	78-129
78-87-5	1,2-Dichloropropane	50	51.8	104	74-127
142-28-9	1,3-Dichloropropane	50	47.6	95	78-118
594-20-7	2,2-Dichloropropane	50	53.2	106	80-137
124-48-1	Dibromochloromethane	50	48.3	97	78-117
75-71-8	Dichlorodifluoromethane	50	39.1	78	35-162
156-59-2	cis-1,2-Dichloroethylene	50	48.4	97	74-123
10061-01-5	cis-1,3-Dichloropropene	50	53.7	107	79-130

Blank Spike Summary

Job Number: F68654
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VH2167-BS	H057964.D	1	10/14/09	MM	n/a	n/a	VH2167

The QC reported here applies to the following samples: **Method:** SW846 8260B

F68654-1, F68654-2, F68654-4, F68654-6, F68654-7

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
1476-11-5	cis-1,4-Dichloro-2-Butene	50	47.7	95	71-126
541-73-1	m-Dichlorobenzene	50	56.3	113	82-126
95-50-1	o-Dichlorobenzene	50	53.8	108	83-123
106-46-7	p-Dichlorobenzene	50	54.9	110	84-124
156-60-5	trans-1,2-Dichloroethylene	50	49.0	98	77-129
10061-02-6	trans-1,3-Dichloropropene	50	55.0	110	87-131
100-41-4	Ethylbenzene	50	56.1	112	82-124
97-63-2	Ethyl methacrylate	50	44.6	89	78-118
76-13-1	Freon 113	50	50.5	101	62-147
591-78-6	2-Hexanone	250	243	97	67-130
87-68-3	Hexachlorobutadiene	50	63.7	127	77-150
110-54-3	Hexane	50	56.5	113	65-147
98-82-8	Isopropylbenzene	50	59.5	119	82-133
99-87-6	p-Isopropyltoluene	50	58.6	117	82-132
108-10-1	4-Methyl-2-pentanone	250	243	97	69-125
126-98-7	Methacrylonitrile	500	524	105	70-138
74-83-9	Methyl bromide	50	42.3	85	60-146
74-87-3	Methyl chloride	50	40.4	81	58-163
74-88-4	Methyl iodide	50	46.6	93	66-128
80-62-6	Methyl methacrylate	50	49.4	99	73-125
74-95-3	Methylene bromide	50	49.0	98	75-128
75-09-2	Methylene chloride	50	42.2	84	62-140
78-93-3	Methyl ethyl ketone	250	275	110	66-134
1634-04-4	Methyl Tert Butyl Ether	50	42.9	86	70-131
91-20-3	Naphthalene	50	52.8	106	59-143
76-01-7	Pentachloroethane	50	60.8	122	64-156
107-12-0	Propionitrile	500	518	104	73-133
103-65-1	n-Propylbenzene	50	58.6	117	78-129
100-42-5	Styrene	50	48.6	97	79-123
630-20-6	1,1,1,2-Tetrachloroethane	50	53.1	106	81-121
71-55-6	1,1,1-Trichloroethane	50	54.3	109	80-133
79-34-5	1,1,2,2-Tetrachloroethane	50	49.9	100	70-128
79-00-5	1,1,2-Trichloroethane	50	46.0	92	76-118
87-61-6	1,2,3-Trichlorobenzene	50	58.1	116	78-136
96-18-4	1,2,3-Trichloropropane	50	47.3	95	74-125
120-82-1	1,2,4-Trichlorobenzene	50	54.1	108	82-137

Blank Spike Summary

Job Number: F68654
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VH2167-BS	H057964.D	1	10/14/09	MM	n/a	n/a	VH2167

The QC reported here applies to the following samples: **Method:** SW846 8260B

F68654-1, F68654-2, F68654-4, F68654-6, F68654-7

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
95-63-6	1,2,4-Trimethylbenzene	50	56.0	112	77-129
108-67-8	1,3,5-Trimethylbenzene	50	56.1	112	79-129
127-18-4	Tetrachloroethylene	50	55.0	110	79-132
108-88-3	Toluene	50	53.4	107	80-123
79-01-6	Trichloroethylene	50	56.0	112	78-132
75-69-4	Trichlorofluoromethane	50	49.1	98	67-149
110-57-6	Trans-1,4-Dichloro-2-Butene	50	117	234*	74-138
75-01-4	Vinyl chloride	50	40.8	82	60-145
108-05-4	Vinyl Acetate	250	568	227*	25-164
	m,p-Xylene	100	116	116	82-128
95-47-6	o-Xylene	50	55.0	110	82-126

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	92%	80-121%
2037-26-5	Toluene-D8	93%	71-130%
460-00-4	4-Bromofluorobenzene	97%	59-148%
17060-07-0	1,2-Dichloroethane-D4	96%	77-123%

Blank Spike Summary

Job Number: F68654
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VH2169-BS	H058019.D	1	10/16/09	MM	n/a	n/a	VH2169

The QC reported here applies to the following samples: **Method:** SW846 8260B

F68654-3

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
67-64-1	Acetone	250	233	93	61-144
75-05-8	Acetonitrile	500	483	97	59-139
107-02-8	Acrolein	250	257	103	27-156
107-13-1	Acrylonitrile	250	282	113	55-144
107-05-1	Allyl chloride	50	55.9	112	41-152
71-43-2	Benzene	50	56.4	113	78-130
100-44-7	Benzyl Chloride	50	47.3	95	74-130
108-86-1	Bromobenzene	50	52.4	105	78-123
74-97-5	Bromochloromethane	50	51.8	104	72-122
75-27-4	Bromodichloromethane	50	50.5	101	73-122
75-25-2	Bromoform	50	39.4	79	70-139
104-51-8	n-Butylbenzene	50	58.0	116	80-138
135-98-8	sec-Butylbenzene	50	57.2	114	82-132
98-06-6	tert-Butylbenzene	50	55.6	111	79-130
108-90-7	Chlorobenzene	50	52.3	105	83-122
75-00-3	Chloroethane	50	49.9	100	61-153
67-66-3	Chloroform	50	52.6	105	79-129
544-10-5	1-Chlorohexane	50	52.1	104	85-137
95-49-8	o-Chlorotoluene	50	53.2	106	77-123
106-43-4	p-Chlorotoluene	50	55.5	111	78-129
110-75-8	2-Chloroethyl vinyl ether	250	212	85	52-142
75-15-0	Carbon disulfide	50	54.9	110	61-142
56-23-5	Carbon tetrachloride	50	56.4	113	79-135
75-34-3	1,1-Dichloroethane	50	48.0	96	77-132
75-35-4	1,1-Dichloroethylene	50	51.2	102	66-132
563-58-6	1,1-Dichloropropene	50	57.6	115	81-133
96-12-8	1,2-Dibromo-3-chloropropane	50	42.8	86	67-129
106-93-4	1,2-Dibromoethane	50	45.6	91	77-126
107-06-2	1,2-Dichloroethane	50	49.7	99	78-129
78-87-5	1,2-Dichloropropane	50	52.3	105	74-127
142-28-9	1,3-Dichloropropane	50	45.8	92	78-118
594-20-7	2,2-Dichloropropane	50	54.4	109	80-137
124-48-1	Dibromochloromethane	50	47.0	94	78-117
75-71-8	Dichlorodifluoromethane	50	40.3	81	35-162
156-59-2	cis-1,2-Dichloroethylene	50	50.5	101	74-123
10061-01-5	cis-1,3-Dichloropropene	50	55.3	111	79-130

Blank Spike Summary

Job Number: F68654
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VH2169-BS	H058019.D	1	10/16/09	MM	n/a	n/a	VH2169

The QC reported here applies to the following samples: **Method:** SW846 8260B

F68654-3

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
1476-11-5	cis-1,4-Dichloro-2-Butene	50	47.4	95	71-126
541-73-1	m-Dichlorobenzene	50	56.6	113	82-126
95-50-1	o-Dichlorobenzene	50	52.7	105	83-123
106-46-7	p-Dichlorobenzene	50	54.0	108	84-124
156-60-5	trans-1,2-Dichloroethylene	50	49.1	98	77-129
10061-02-6	trans-1,3-Dichloropropene	50	51.9	104	87-131
100-41-4	Ethylbenzene	50	53.5	107	82-124
97-63-2	Ethyl methacrylate	50	44.0	88	78-118
76-13-1	Freon 113	50	53.2	106	62-147
591-78-6	2-Hexanone	250	231	92	67-130
87-68-3	Hexachlorobutadiene	50	61.8	124	77-150
110-54-3	Hexane	50	59.3	119	65-147
98-82-8	Isopropylbenzene	50	57.0	114	82-133
99-87-6	p-Isopropyltoluene	50	58.3	117	82-132
108-10-1	4-Methyl-2-pentanone	250	232	93	69-125
126-98-7	Methacrylonitrile	500	519	104	70-138
74-83-9	Methyl bromide	50	47.4	95	60-146
74-87-3	Methyl chloride	50	46.4	93	58-163
74-88-4	Methyl iodide	50	50.2	100	66-128
80-62-6	Methyl methacrylate	50	49.2	98	73-125
74-95-3	Methylene bromide	50	49.6	99	75-128
75-09-2	Methylene chloride	50	43.1	86	62-140
78-93-3	Methyl ethyl ketone	250	268	107	66-134
1634-04-4	Methyl Tert Butyl Ether	50	45.9	92	70-131
91-20-3	Naphthalene	50	53.9	108	59-143
76-01-7	Pentachloroethane	50	58.0	116	64-156
107-12-0	Propionitrile	500	521	104	73-133
103-65-1	n-Propylbenzene	50	56.4	113	78-129
100-42-5	Styrene	50	47.3	95	79-123
630-20-6	1,1,1,2-Tetrachloroethane	50	52.0	104	81-121
71-55-6	1,1,1-Trichloroethane	50	54.7	109	80-133
79-34-5	1,1,2,2-Tetrachloroethane	50	47.7	95	70-128
79-00-5	1,1,2-Trichloroethane	50	44.7	89	76-118
87-61-6	1,2,3-Trichlorobenzene	50	56.0	112	78-136
96-18-4	1,2,3-Trichloropropane	50	44.1	88	74-125
120-82-1	1,2,4-Trichlorobenzene	50	57.9	116	82-137

Blank Spike Summary

Job Number: F68654
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VH2169-BS	H058019.D	1	10/16/09	MM	n/a	n/a	VH2169

The QC reported here applies to the following samples: **Method:** SW846 8260B

F68654-3

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
95-63-6	1,2,4-Trimethylbenzene	50	54.2	108	77-129
108-67-8	1,3,5-Trimethylbenzene	50	54.7	109	79-129
127-18-4	Tetrachloroethylene	50	53.6	107	79-132
108-88-3	Toluene	50	50.9	102	80-123
79-01-6	Trichloroethylene	50	57.4	115	78-132
75-69-4	Trichlorofluoromethane	50	53.4	107	67-149
110-57-6	Trans-1,4-Dichloro-2-Butene	50	101	202*	74-138
75-01-4	Vinyl chloride	50	44.9	90	60-145
108-05-4	Vinyl Acetate	250	585	234*	25-164
	m,p-Xylene	100	110	110	82-128
95-47-6	o-Xylene	50	52.2	104	82-126

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	95%	80-121%
2037-26-5	Toluene-D8	90%	71-130%
460-00-4	4-Bromofluorobenzene	98%	59-148%
17060-07-0	1,2-Dichloroethane-D4	94%	77-123%

Blank Spike Summary

Job Number: F68654
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VH2173-BS	H058135.D	1	10/22/09	MM	n/a	n/a	VH2173

The QC reported here applies to the following samples: **Method:** SW846 8260B

F68654-5

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
67-64-1	Acetone	250	272	109	61-144
75-05-8	Acetonitrile	500	442	88	59-139
107-02-8	Acrolein	250	741	296*	27-156
107-13-1	Acrylonitrile	250	198	79	55-144
107-05-1	Allyl chloride	50	62.8	126	41-152
71-43-2	Benzene	50	58.2	116	78-130
100-44-7	Benzyl Chloride	50	46.3	93	74-130
108-86-1	Bromobenzene	50	56.0	112	78-123
74-97-5	Bromochloromethane	50	45.1	90	72-122
75-27-4	Bromodichloromethane	50	45.4	91	73-122
75-25-2	Bromoform	50	50.6	101	70-139
104-51-8	n-Butylbenzene	50	62.9	126	80-138
135-98-8	sec-Butylbenzene	50	61.8	124	82-132
98-06-6	tert-Butylbenzene	50	60.0	120	79-130
108-90-7	Chlorobenzene	50	55.9	112	83-122
75-00-3	Chloroethane	50	46.4	93	61-153
67-66-3	Chloroform	50	47.2	94	79-129
544-10-5	1-Chlorohexane	50	58.5	117	85-137
95-49-8	o-Chlorotoluene	50	60.4	121	77-123
106-43-4	p-Chlorotoluene	50	60.2	120	78-129
110-75-8	2-Chloroethyl vinyl ether	250	246	98	52-142
75-15-0	Carbon disulfide	50	54.8	110	61-142
56-23-5	Carbon tetrachloride	50	49.5	99	79-135
75-34-3	1,1-Dichloroethane	50	48.9	98	77-132
75-35-4	1,1-Dichloroethylene	50	53.3	107	66-132
563-58-6	1,1-Dichloropropene	50	50.5	101	81-133
96-12-8	1,2-Dibromo-3-chloropropane	50	47.7	95	67-129
106-93-4	1,2-Dibromoethane	50	50.0	100	77-126
107-06-2	1,2-Dichloroethane	50	45.1	90	78-129
78-87-5	1,2-Dichloropropane	50	46.2	92	74-127
142-28-9	1,3-Dichloropropane	50	50.0	100	78-118
594-20-7	2,2-Dichloropropane	50	49.9	100	80-137
124-48-1	Dibromochloromethane	50	42.0	84	78-117
75-71-8	Dichlorodifluoromethane	50	40.5	81	35-162
156-59-2	cis-1,2-Dichloroethylene	50	47.8	96	74-123
10061-01-5	cis-1,3-Dichloropropene	50	47.0	94	79-130

Blank Spike Summary

Job Number: F68654
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VH2173-BS	H058135.D	1	10/22/09	MM	n/a	n/a	VH2173

The QC reported here applies to the following samples: **Method:** SW846 8260B

F68654-5

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
1476-11-5	cis-1,4-Dichloro-2-Butene	50	53.4	107	71-126
541-73-1	m-Dichlorobenzene	50	61.9	124	82-126
95-50-1	o-Dichlorobenzene	50	58.4	117	83-123
106-46-7	p-Dichlorobenzene	50	57.2	114	84-124
156-60-5	trans-1,2-Dichloroethylene	50	51.8	104	77-129
10061-02-6	trans-1,3-Dichloropropene	50	48.0	96	87-131
100-41-4	Ethylbenzene	50	57.4	115	82-124
97-63-2	Ethyl methacrylate	50	46.6	93	78-118
76-13-1	Freon 113	50	54.0	108	62-147
591-78-6	2-Hexanone	250	249	100	67-130
87-68-3	Hexachlorobutadiene	50	66.6	133	77-150
110-54-3	Hexane	50	54.6	109	65-147
98-82-8	Isopropylbenzene	50	58.6	117	82-133
99-87-6	p-Isopropyltoluene	50	61.2	122	82-132
108-10-1	4-Methyl-2-pentanone	250	248	99	69-125
126-98-7	Methacrylonitrile	500	469	94	70-138
74-83-9	Methyl bromide	50	43.8	88	60-146
74-87-3	Methyl chloride	50	45.0	90	58-163
74-88-4	Methyl iodide	50	50.0	100	66-128
80-62-6	Methyl methacrylate	50	49.1	98	73-125
74-95-3	Methylene bromide	50	42.8	86	75-128
75-09-2	Methylene chloride	50	64.1	128	62-140
78-93-3	Methyl ethyl ketone	250	225	90	66-134
1634-04-4	Methyl Tert Butyl Ether	50	44.3	89	70-131
91-20-3	Naphthalene	50	53.5	107	59-143
76-01-7	Pentachloroethane	50	64.6	129	64-156
107-12-0	Propionitrile	500	536	107	73-133
103-65-1	n-Propylbenzene	50	60.5	121	78-129
100-42-5	Styrene	50	48.4	97	79-123
630-20-6	1,1,1,2-Tetrachloroethane	50	52.7	105	81-121
71-55-6	1,1,1-Trichloroethane	50	48.3	97	80-133
79-34-5	1,1,2,2-Tetrachloroethane	50	55.5	111	70-128
79-00-5	1,1,2-Trichloroethane	50	50.0	100	76-118
87-61-6	1,2,3-Trichlorobenzene	50	58.8	118	78-136
96-18-4	1,2,3-Trichloropropane	50	49.2	98	74-125
120-82-1	1,2,4-Trichlorobenzene	50	56.2	112	82-137

Blank Spike Summary

Job Number: F68654
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VH2173-BS	H058135.D	1	10/22/09	MM	n/a	n/a	VH2173

The QC reported here applies to the following samples: **Method:** SW846 8260B

F68654-5

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
95-63-6	1,2,4-Trimethylbenzene	50	59.1	118	77-129
108-67-8	1,3,5-Trimethylbenzene	50	60.2	120	79-129
127-18-4	Tetrachloroethylene	50	55.6	111	79-132
108-88-3	Toluene	50	55.0	110	80-123
79-01-6	Trichloroethylene	50	56.6	113	78-132
75-69-4	Trichlorofluoromethane	50	50.4	101	67-149
110-57-6	Trans-1,4-Dichloro-2-Butene	50	110	220*	74-138
75-01-4	Vinyl chloride	50	43.3	87	60-145
108-05-4	Vinyl Acetate	250	316	126	25-164
	m,p-Xylene	100	114	114	82-128
95-47-6	o-Xylene	50	55.6	111	82-126

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	99%	80-121%
2037-26-5	Toluene-D8	110%	71-130%
460-00-4	4-Bromofluorobenzene	100%	59-148%
17060-07-0	1,2-Dichloroethane-D4	100%	77-123%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F68654
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F68603-1MS	H057971.D	1	10/14/09	MM	n/a	n/a	VH2167
F68603-1MSD	H057972.D	1	10/14/09	MM	n/a	n/a	VH2167
F68603-1 [a]	H057966.D	1	10/14/09	MM	n/a	n/a	VH2167

The QC reported here applies to the following samples: **Method:** SW846 8260B

F68654-1, F68654-2, F68654-4, F68654-6, F68654-7

CAS No.	Compound	F68603-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	41	U	213	188	88	174	83	8	61-144/29
75-05-8	Acetonitrile	41	U	425	358	84	296	70	19	59-139/30
107-02-8	Acrolein	21	U	213	ND	0*	ND	0*	nc	27-156/39
107-13-1	Acrylonitrile	21	U	213	209	98	181	86	14	55-144/24
107-05-1	Allyl chloride	21	U	42.5	56.2	132	41.4	98	30*	41-152/24
71-43-2	Benzene	4.1	U	42.5	47.8	112	35.1	83	31*	78-130/25
100-44-7	Benzyl Chloride	4.1	U	42.5	34.1	80	17.4	41*	65*	74-130/28
108-86-1	Bromobenzene	4.1	U	42.5	59.5	140*	26.9	64*	75*	78-123/30
74-97-5	Bromochloromethane	4.1	U	42.5	44.6	105	37.6	89	17	72-122/23
75-27-4	Bromodichloromethane	4.1	U	42.5	38.5	91	31.1	74	21	73-122/25
75-25-2	Bromoform	4.1	U	42.5	29.9	70	23.2	55*	25	70-139/26
104-51-8	n-Butylbenzene	4.1	U	42.5	41.3	97	18.4	44*	77*	80-138/31
135-98-8	sec-Butylbenzene	4.1	U	42.5	56.9	134*	22.9	54*	85*	82-132/29
98-06-6	tert-Butylbenzene	4.1	U	42.5	67.0	158*	25.6	61*	89*	79-130/29
108-90-7	Chlorobenzene	4.1	U	42.5	43.8	103	27.9	66*	44*	83-122/23
75-00-3	Chloroethane	4.1	U	42.5	51.2	120	36.3	86	34*	61-153/31
67-66-3	Chloroform	4.1	U	42.5	51.9	122	38.6	92	29*	79-129/27
544-10-5	1-Chlorohexane	4.1	U	42.5	34.3	81*	20.3	48*	51*	85-137/29
95-49-8	o-Chlorotoluene	4.1	U	42.5	68.2	160*	25.8	61*	90*	77-123/31
106-43-4	p-Chlorotoluene	4.1	U	42.5	58.7	138*	25.4	60*	79*	78-129/29
110-75-8	2-Chloroethyl vinyl ether	21	U	213	121	57	109	52	10	52-142/25
75-15-0	Carbon disulfide	4.1	U	42.5	50.0	118	35.4	84	34*	61-142/27
56-23-5	Carbon tetrachloride	4.1	U	42.5	56.7	133	37.4	89	41*	79-135/29
75-34-3	1,1-Dichloroethane	4.1	U	42.5	52.7	124	37.3	89	34*	77-132/26
75-35-4	1,1-Dichloroethylene	4.1	U	42.5	53.1	125	36.1	86	38*	66-132/27
563-58-6	1,1-Dichloropropene	4.1	U	42.5	48.7	115	29.6	70*	49*	81-133/26
96-12-8	1,2-Dibromo-3-chloropropane	4.1	U	42.5	49.5	116	25.0	59*	66*	67-129/29
106-93-4	1,2-Dibromoethane	4.1	U	42.5	36.8	87	25.8	61*	35*	77-126/24
107-06-2	1,2-Dichloroethane	4.1	U	42.5	37.1	87	31.5	75*	16	78-129/24
78-87-5	1,2-Dichloropropane	4.1	U	42.5	42.9	101	32.3	77	28*	74-127/27
142-28-9	1,3-Dichloropropane	4.1	U	42.5	41.7	98	26.2	62*	46*	78-118/26
594-20-7	2,2-Dichloropropane	4.1	U	42.5	53.0	125	36.3	86	37*	80-137/28
124-48-1	Dibromochloromethane	4.1	U	42.5	40.5	95	27.2	65*	39*	78-117/27
75-71-8	Dichlorodifluoromethane	4.1	U	42.5	37.6	88	27.5	65	31*	35-162/30
156-59-2	cis-1,2-Dichloroethylene	4.1	U	42.5	45.2	106	36.4	86	22	74-123/26
10061-01-5	cis-1,3-Dichloropropene	4.1	U	42.5	35.7	84	30.2	72*	17	79-130/23

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F68654
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F68603-1MS	H057971.D	1	10/14/09	MM	n/a	n/a	VH2167
F68603-1MSD	H057972.D	1	10/14/09	MM	n/a	n/a	VH2167
F68603-1 [a]	H057966.D	1	10/14/09	MM	n/a	n/a	VH2167

The QC reported here applies to the following samples: **Method:** SW846 8260B

F68654-1, F68654-2, F68654-4, F68654-6, F68654-7

CAS No.	Compound	F68603-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
1476-11-5	cis-1,4-Dichloro-2-Butene	21 U		42.5	62.0	146*	22.2	53*	95*	71-126/28
541-73-1	m-Dichlorobenzene	4.1 U		42.5	44.8	105	23.8	57*	61*	82-126/29
95-50-1	o-Dichlorobenzene	4.1 U		42.5	40.6	96	22.7	54*	57*	83-123/28
106-46-7	p-Dichlorobenzene	4.1 U		42.5	45.1	106	23.4	56*	63*	84-124/28
156-60-5	trans-1,2-Dichloroethylene	4.1 U		42.5	48.3	114	34.7	82	33*	77-129/27
10061-02-6	trans-1,3-Dichloropropene	4.1 U		42.5	41.4	97	28.6	68*	37*	87-131/27
100-41-4	Ethylbenzene	4.1 U		42.5	48.5	114	28.3	67*	53*	82-124/25
97-63-2	Ethyl methacrylate	21 U		42.5	12.8	30*	11.5	27*	11	78-118/30
76-13-1	Freon 113	4.1 U		42.5	55.7	131	37.6	89	39*	62-147/29
591-78-6	2-Hexanone	21 U		213	146	69	110	52*	28	67-130/29
87-68-3	Hexachlorobutadiene	4.1 U		42.5	29.6	70*	12.7	30*	80*	77-150/36
110-54-3	Hexane	4.1 U		42.5	34.3	81	26.4	63*	26	65-147/27
98-82-8	Isopropylbenzene	4.1 U		42.5	43.7	103	27.0	64*	47*	82-133/27
99-87-6	p-Isopropyltoluene	4.1 U		42.5	56.2	132	23.1	55*	83*	82-132/29
108-10-1	4-Methyl-2-pentanone	21 U		213	216	102	140	67*	43*	69-125/24
126-98-7	Methacrylonitrile	21 U		425	327	77	293	70	11	70-138/22
74-83-9	Methyl bromide	4.1 U		42.5	48.3	114	34.4	82	34*	60-146/31
74-87-3	Methyl chloride	4.1 U		42.5	44.6	105	31.0	74	36*	58-163/26
74-88-4	Methyl iodide	8.2 U		42.5	44.5	105	33.7	80	28*	66-128/27
80-62-6	Methyl methacrylate	21 U		42.5	35.5	84	33.9	81	5	73-125/24
74-95-3	Methylene bromide	4.1 U		42.5	34.9	82	29.9	71*	15	75-128/26
75-09-2	Methylene chloride	8.2 U		42.5	46.8	110	32.7	78	35*	62-140/25
78-93-3	Methyl ethyl ketone	21 U		213	204	96	173	82	16	66-134/23
1634-04-4	Methyl Tert Butyl Ether	4.1 U		42.5	43.0	101	35.6	85	19	70-131/25
91-20-3	Naphthalene	4.1 U		42.5	13.4	32*	13.4	32*	0	59-143/31
76-01-7	Pentachloroethane	21 U		42.5	67.9	160*	27.4	65	85*	64-156/37
107-12-0	Propionitrile	41 U		425	326	77	289	69*	12	73-133/23
103-65-1	n-Propylbenzene	4.1 U		42.5	68.8	162*	26.2	62*	90*	78-129/29
100-42-5	Styrene	4.1 U		42.5	29.1	68*	22.5	53*	26	79-123/28
630-20-6	1,1,1,2-Tetrachloroethane	4.1 U		42.5	51.6	121	31.7	75*	48*	81-121/25
71-55-6	1,1,1-Trichloroethane	4.1 U		42.5	56.3	132	37.3	89	41*	80-133/27
79-34-5	1,1,2,2-Tetrachloroethane	4.1 U		42.5	70.8	167*	28.3	67*	86*	70-128/30
79-00-5	1,1,2-Trichloroethane	4.1 U		42.5	42.9	101	26.8	64*	46*	76-118/28
87-61-6	1,2,3-Trichlorobenzene	4.1 U		42.5	17.7	42*	14.1	34*	23	78-136/34
96-18-4	1,2,3-Trichloropropane	4.1 U		42.5	62.7	148*	26.4	63*	81*	74-125/30
120-82-1	1,2,4-Trichlorobenzene	4.1 U		42.5	18.3	43*	14.0	33*	27	82-137/32

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F68654
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F68603-1MS	H057971.D	1	10/14/09	MM	n/a	n/a	VH2167
F68603-1MSD	H057972.D	1	10/14/09	MM	n/a	n/a	VH2167
F68603-1 [a]	H057966.D	1	10/14/09	MM	n/a	n/a	VH2167

The QC reported here applies to the following samples: **Method:** SW846 8260B

F68654-1, F68654-2, F68654-4, F68654-6, F68654-7

CAS No.	Compound	F68603-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
95-63-6	1,2,4-Trimethylbenzene	4.1 U		42.5	63.4	149*	26.3	62*	83*	77-129/29
108-67-8	1,3,5-Trimethylbenzene	4.1 U		42.5	65.9	155*	25.8	61*	87*	79-129/31
127-18-4	Tetrachloroethylene	4.1 U		42.5	54.6	128	31.4	75*	54*	79-132/27
108-88-3	Toluene	4.1 U		42.5	51.6	121	29.1	69*	56*	80-123/26
79-01-6	Trichloroethylene	4.1 U		42.5	44.5	105	31.2	74*	35*	78-132/28
75-69-4	Trichlorofluoromethane	4.1 U		42.5	56.1	132	38.9	92	36*	67-149/29
110-57-6	Trans-1,4-Dichloro-2-Butene	21 U		42.5	91.2	215*	54.1	129	51*	74-138/30
75-01-4	Vinyl chloride	4.1 U		42.5	46.4	109	31.2	74	39*	60-145/29
108-05-4	Vinyl Acetate	21 U		213	41.8	20*	54.7	26	27	25-164/35
	m,p-Xylene	8.2 U		85	94.8	112	57.7	69*	49*	82-128/25
95-47-6	o-Xylene	4.1 U		42.5	45.3	107	27.9	66*	48*	82-126/25

CAS No.	Surrogate Recoveries	MS	MSD	F68603-1	Limits
1868-53-7	Dibromofluoromethane	115%	110%	106%	80-121%
2037-26-5	Toluene-D8	115%	93%	136%*	71-130%
460-00-4	4-Bromofluorobenzene	135%	100%	147%	59-148%
17060-07-0	1,2-Dichloroethane-D4	91%	90%	100%	77-123%

(a) Confirmation run.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F68654
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F68715-2MS	H058031.D	1	10/16/09	MM	n/a	n/a	VH2169
F68715-2MSD	H058032.D	1	10/16/09	MM	n/a	n/a	VH2169
F68715-2	H058028.D	1	10/16/09	MM	n/a	n/a	VH2169

The QC reported here applies to the following samples: **Method:** SW846 8260B

F68654-3

CAS No.	Compound	F68715-2 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	60 U		392	242	62	216	57*	11	61-144/29
75-05-8	Acetonitrile	60 U		784	295	38*	322	43*	9	59-139/30
107-02-8	Acrolein	30 U		392	ND	0*	ND	0*	nc	27-156/39
107-13-1	Acrylonitrile	30 U		392	203	52*	234	62	14	55-144/24
107-05-1	Allyl chloride	30 U		78.4	63.0	80	64.1	85	2	41-152/24
71-43-2	Benzene	6.0 U		78.4	73.2	93	69.3	92	5	78-130/25
100-44-7	Benzyl Chloride	6.0 U		78.4	18.5	24*	28.2	37*	42*	74-130/28
108-86-1	Bromobenzene	6.0 U		78.4	50.8	65*	49.1	65*	3	78-123/30
74-97-5	Bromochloromethane	6.0 U		78.4	68.0	87	58.2	77	16	72-122/23
75-27-4	Bromodichloromethane	6.0 U		78.4	57.2	73	49.3	65*	15	73-122/25
75-25-2	Bromoform	6.0 U		78.4	35.6	45*	39.9	53*	11	70-139/26
104-51-8	n-Butylbenzene	6.0 U		78.4	29.6	38*	32.7	43*	10	80-138/31
135-98-8	sec-Butylbenzene	6.0 U		78.4	47.8	61*	45.9	61*	4	82-132/29
98-06-6	tert-Butylbenzene	6.0 U		78.4	57.1	73*	54.6	72*	4	79-130/29
108-90-7	Chlorobenzene	6.0 U		78.4	50.5	64*	55.0	73*	9	83-122/23
75-00-3	Chloroethane	6.0 U		78.4	74.2	95	68.7	91	8	61-153/31
67-66-3	Chloroform	6.0 U		78.4	71.4	91	67.8	90	5	79-129/27
544-10-5	1-Chlorohexane	6.0 U		78.4	34.8	44*	42.1	56*	19	85-137/29
95-49-8	o-Chlorotoluene	6.0 U		78.4	52.2	67*	52.8	70*	1	77-123/31
106-43-4	p-Chlorotoluene	6.0 U		78.4	44.7	57*	47.4	63*	6	78-129/29
110-75-8	2-Chloroethyl vinyl ether	30 U		392	163	42*	182	48*	11	52-142/25
75-15-0	Carbon disulfide	6.0 U		78.4	53.7	69	61.4	81	13	61-142/27
56-23-5	Carbon tetrachloride	6.0 U		78.4	71.6	91	71.2	94	1	79-135/29
75-34-3	1,1-Dichloroethane	6.0 U		78.4	69.2	88	64.5	85	7	77-132/26
75-35-4	1,1-Dichloroethylene	6.0 U		78.4	65.8	84	66.6	88	1	66-132/27
563-58-6	1,1-Dichloropropene	6.0 U		78.4	59.4	76*	63.4	84	7	81-133/26
96-12-8	1,2-Dibromo-3-chloropropane	6.0 U		78.4	36.7	47*	41.0	54*	11	67-129/29
106-93-4	1,2-Dibromoethane	6.0 U		78.4	46.0	59*	45.7	60*	1	77-126/24
107-06-2	1,2-Dichloroethane	6.0 U		78.4	59.8	76*	56.6	75*	5	78-129/24
78-87-5	1,2-Dichloropropane	6.0 U		78.4	64.3	82	55.2	73*	15	74-127/27
142-28-9	1,3-Dichloropropane	6.0 U		78.4	49.5	63*	48.2	64*	3	78-118/26
594-20-7	2,2-Dichloropropane	6.0 U		78.4	68.1	87	63.2	84	7	80-137/28
124-48-1	Dibromochloromethane	6.0 U		78.4	49.9	64*	47.5	63*	5	78-117/27
75-71-8	Dichlorodifluoromethane	6.0 U		78.4	54.0	69	52.0	69	4	35-162/30
156-59-2	cis-1,2-Dichloroethylene	6.0 U		78.4	55.8	71*	59.6	79	7	74-123/26
10061-01-5	cis-1,3-Dichloropropene	6.0 U		78.4	38.6	49*	47.5	63*	21	79-130/23

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F68654
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F68715-2MS	H058031.D	1	10/16/09	MM	n/a	n/a	VH2169
F68715-2MSD	H058032.D	1	10/16/09	MM	n/a	n/a	VH2169
F68715-2	H058028.D	1	10/16/09	MM	n/a	n/a	VH2169

The QC reported here applies to the following samples: **Method:** SW846 8260B

F68654-3

CAS No.	Compound	F68715-2 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
1476-11-5	cis-1,4-Dichloro-2-Butene	30 U		78.4	34.0	43*	33.9	45*	0	71-126/28
541-73-1	m-Dichlorobenzene	6.0 U		78.4	38.8	50*	42.4	56*	9	82-126/29
95-50-1	o-Dichlorobenzene	6.0 U		78.4	36.5	47*	41.0	54*	12	83-123/28
106-46-7	p-Dichlorobenzene	6.0 U		78.4	38.2	49*	42.2	56*	10	84-124/28
156-60-5	trans-1,2-Dichloroethylene	6.0 U		78.4	56.4	72*	61.8	82	9	77-129/27
10061-02-6	trans-1,3-Dichloropropene	6.0 U		78.4	44.3	57*	49.0	65*	10	87-131/27
100-41-4	Ethylbenzene	6.0 U		78.4	55.3	71*	57.5	76*	4	82-124/25
97-63-2	Ethyl methacrylate	30 U		78.4	ND	0*	ND	0*	nc	78-118/30
76-13-1	Freon 113	6.0 U		78.4	66.7	85	68.3	90	2	62-147/29
591-78-6	2-Hexanone	30 U		392	122	31*	166	44*	31*	67-130/29
87-68-3	Hexachlorobutadiene	6.0 U		78.4	25.8	33*	22.0	29*	16	77-150/36
110-54-3	Hexane	6.0 U		78.4	41.4	53*	44.5	59*	7	65-147/27
98-82-8	Isopropylbenzene	6.0 U		78.4	52.0	66*	56.9	75*	9	82-133/27
99-87-6	p-Isopropyltoluene	6.0 U		78.4	45.9	59*	47.2	62*	3	82-132/29
108-10-1	4-Methyl-2-pentanone	30 U		392	202	52*	213	56*	5	69-125/24
126-98-7	Methacrylonitrile	30 U		784	343	44*	436	58*	24*	70-138/22
74-83-9	Methyl bromide	6.0 U		78.4	51.4	66	60.0	79	15	60-146/31
74-87-3	Methyl chloride	6.0 U		78.4	66.9	85	62.4	83	7	58-163/26
74-88-4	Methyl iodide	12 U		78.4	34.1	44*	50.2	66	38*	66-128/27
80-62-6	Methyl methacrylate	30 U		78.4	40.5	52*	48.3	64*	18	73-125/24
74-95-3	Methylene bromide	6.0 U		78.4	52.0	66*	45.2	60*	14	75-128/26
75-09-2	Methylene chloride	12 U		78.4	99.7	127	75.2	100	28*	62-140/25
78-93-3	Methyl ethyl ketone	30 U		392	256	65*	242	64*	6	66-134/23
1634-04-4	Methyl Tert Butyl Ether	6.0 U		78.4	59.6	76	56.0	74	6	70-131/25
91-20-3	Naphthalene	6.0 U		78.4	13.8	18*	21.2	28*	42*	59-143/31
76-01-7	Pentachloroethane	30 U		78.4	55.2	70	45.6	60*	19	64-156/37
107-12-0	Propionitrile	60 U		784	322	41*	401	53*	22	73-133/23
103-65-1	n-Propylbenzene	6.0 U		78.4	53.6	68*	52.2	69*	3	78-129/29
100-42-5	Styrene	6.0 U		78.4	34.4	44*	43.0	57*	22	79-123/28
630-20-6	1,1,1,2-Tetrachloroethane	6.0 U		78.4	61.0	78*	59.4	79*	3	81-121/25
71-55-6	1,1,1-Trichloroethane	6.0 U		78.4	75.6	96	71.4	94	6	80-133/27
79-34-5	1,1,2,2-Tetrachloroethane	6.0 U		78.4	57.8	74	48.0	64*	19	70-128/30
79-00-5	1,1,2-Trichloroethane	6.0 U		78.4	53.1	68*	48.8	65*	8	76-118/28
87-61-6	1,2,3-Trichlorobenzene	6.0 U		78.4	13.2	17*	20.5	27*	43*	78-136/34
96-18-4	1,2,3-Trichloropropane	6.0 U		78.4	55.2	70*	45.6	60*	19	74-125/30
120-82-1	1,2,4-Trichlorobenzene	6.0 U		78.4	13.1	17*	21.5	28*	49*	82-137/32

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F68654
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F68715-2MS	H058031.D	1	10/16/09	MM	n/a	n/a	VH2169
F68715-2MSD	H058032.D	1	10/16/09	MM	n/a	n/a	VH2169
F68715-2	H058028.D	1	10/16/09	MM	n/a	n/a	VH2169

The QC reported here applies to the following samples: **Method:** SW846 8260B

F68654-3

CAS No.	Compound	F68715-2 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
95-63-6	1,2,4-Trimethylbenzene	6.0 U		78.4	53.7	69*	53.8	71*	0	77-129/29
108-67-8	1,3,5-Trimethylbenzene	6.0 U		78.4	56.7	72*	53.2	70*	6	79-129/31
127-18-4	Tetrachloroethylene	6.0 U		78.4	63.2	81	71.1	94	12	79-132/27
108-88-3	Toluene	6.0 U		78.4	60.1	77*	60.2	80	0	80-123/26
79-01-6	Trichloroethylene	6.0 U		78.4	60.6	77*	61.5	81	1	78-132/28
75-69-4	Trichlorofluoromethane	6.0 U		78.4	77.0	98	73.1	97	5	67-149/29
110-57-6	Trans-1,4-Dichloro-2-Butene	30 U		78.4	56.6	72*	64.5	85	13	74-138/30
75-01-4	Vinyl chloride	6.0 U		78.4	63.0	80	59.5	79	6	60-145/29
108-05-4	Vinyl Acetate	30 U		392	41.9	11*	39.1	10*	7	25-164/35
	m,p-Xylene	12 U		157	115	73*	118	78*	3	82-128/25
95-47-6	o-Xylene	6.0 U		78.4	55.3	71*	56.6	75*	2	82-126/25

CAS No.	Surrogate Recoveries	MS	MSD	F68715-2	Limits
1868-53-7	Dibromofluoromethane	102%	95%	106%	80-121%
2037-26-5	Toluene-D8	95%	94%	105%	71-130%
460-00-4	4-Bromofluorobenzene	112%	102%	114%	59-148%
17060-07-0	1,2-Dichloroethane-D4	89%	89%	101%	77-123%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F68654
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F68903-2MS	H058145.D	1	10/22/09	MM	n/a	n/a	VH2173
F68903-2MSD	H058146.D	1	10/22/09	MM	n/a	n/a	VH2173
F68903-2 [a]	H058143.D	1	10/22/09	MM	n/a	n/a	VH2173

The QC reported here applies to the following samples: **Method:** SW846 8260B

F68654-5

CAS No.	Compound	F68903-2 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		321	220	69	222	72	1	61-144/29
75-05-8	Acetonitrile	ND		642	319	50*	306	50*	4	59-139/30
107-02-8	Acrolein	ND		321	ND	0*	107	35	200*	27-156/39
107-13-1	Acrylonitrile	ND		321	190	59	192	62	1	55-144/24
107-05-1	Allyl chloride	ND		64.2	62.0	97	56.3	92	10	41-152/24
71-43-2	Benzene	ND		64.2	61.8	96	57.5	93	7	78-130/25
100-44-7	Benzyl Chloride	ND		64.2	32.0	50*	32.4	53*	1	74-130/28
108-86-1	Bromobenzene	ND		64.2	56.4	88	52.9	86	6	78-123/30
74-97-5	Bromochloromethane	ND		64.2	47.6	74	44.9	73	6	72-122/23
75-27-4	Bromodichloromethane	ND		64.2	45.6	71*	43.3	70*	5	73-122/25
75-25-2	Bromoform	ND		64.2	50.2	78	52.0	85	4	70-139/26
104-51-8	n-Butylbenzene	ND		64.2	51.7	81	52.6	86	2	80-138/31
135-98-8	sec-Butylbenzene	ND		64.2	57.8	90	55.2	90	5	82-132/29
98-06-6	tert-Butylbenzene	ND		64.2	58.6	91	56.0	91	5	79-130/29
108-90-7	Chlorobenzene	ND		64.2	55.4	86	53.5	87	3	83-122/23
75-00-3	Chloroethane	ND		64.2	46.3	72	41.6	68	11	61-153/31
67-66-3	Chloroform	ND		64.2	51.1	80	48.0	78*	6	79-129/27
544-10-5	1-Chlorohexane	ND		64.2	49.5	77*	52.8	86	6	85-137/29
95-49-8	o-Chlorotoluene	ND		64.2	59.1	92	56.0	91	5	77-123/31
106-43-4	p-Chlorotoluene	ND		64.2	56.9	89	56.0	91	2	78-129/29
110-75-8	2-Chloroethyl vinyl ether	ND		321	254	79	246	80	3	52-142/25
75-15-0	Carbon disulfide	ND		64.2	55.3	86	52.2	85	6	61-142/27
56-23-5	Carbon tetrachloride	ND		64.2	50.6	79	47.8	78*	6	79-135/29
75-34-3	1,1-Dichloroethane	ND		64.2	51.9	81	47.9	78	8	77-132/26
75-35-4	1,1-Dichloroethylene	ND		64.2	55.1	86	51.8	84	6	66-132/27
563-58-6	1,1-Dichloropropene	ND		64.2	51.2	80*	47.4	77*	8	81-133/26
96-12-8	1,2-Dibromo-3-chloropropane	ND		64.2	34.9	54*	40.1	65*	14	67-129/29
106-93-4	1,2-Dibromoethane	ND		64.2	47.5	74*	44.3	72*	7	77-126/24
107-06-2	1,2-Dichloroethane	ND		64.2	43.7	68*	43.4	71*	1	78-129/24
78-87-5	1,2-Dichloropropane	ND		64.2	49.3	77	46.4	75	6	74-127/27
142-28-9	1,3-Dichloropropane	ND		64.2	49.5	77*	48.8	79	1	78-118/26
594-20-7	2,2-Dichloropropane	ND		64.2	48.4	75*	43.7	71*	10	80-137/28
124-48-1	Dibromochloromethane	ND		64.2	41.6	65*	41.1	67*	1	78-117/27
75-71-8	Dichlorodifluoromethane	ND		64.2	37.7	59	35.0	57	7	35-162/30
156-59-2	cis-1,2-Dichloroethylene	ND		64.2	49.0	76	46.4	75	5	74-123/26
10061-01-5	cis-1,3-Dichloropropene	ND		64.2	44.2	69*	43.8	71*	1	79-130/23

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F68654
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F68903-2MS	H058145.D	1	10/22/09	MM	n/a	n/a	VH2173
F68903-2MSD	H058146.D	1	10/22/09	MM	n/a	n/a	VH2173
F68903-2 [a]	H058143.D	1	10/22/09	MM	n/a	n/a	VH2173

The QC reported here applies to the following samples: **Method:** SW846 8260B

F68654-5

CAS No.	Compound	F68903-2 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
1476-11-5	cis-1,4-Dichloro-2-Butene	ND		64.2	41.8	65*	51.8	84	21	71-126/28
541-73-1	m-Dichlorobenzene	ND		64.2	54.4	85	52.5	85	4	82-126/29
95-50-1	o-Dichlorobenzene	ND		64.2	53.9	84	52.1	85	3	83-123/28
106-46-7	p-Dichlorobenzene	ND		64.2	53.8	84	53.0	86	1	84-124/28
156-60-5	trans-1,2-Dichloroethylene	ND		64.2	53.7	84	50.9	83	5	77-129/27
10061-02-6	trans-1,3-Dichloropropene	ND		64.2	46.3	72*	45.3	74*	2	87-131/27
100-41-4	Ethylbenzene	ND		64.2	57.6	90	55.6	90	4	82-124/25
97-63-2	Ethyl methacrylate	ND		64.2	12.9	20*	17.8	29*	32*	78-118/30
76-13-1	Freon 113	ND		64.2	54.7	85	50.6	82	8	62-147/29
591-78-6	2-Hexanone	ND		321	193	60*	208	68	7	67-130/29
87-68-3	Hexachlorobutadiene	ND		64.2	48.6	76*	53.0	86	9	77-150/36
110-54-3	Hexane	ND		64.2	44.5	69	44.6	73	0	65-147/27
98-82-8	Isopropylbenzene	ND		64.2	56.0	87	56.0	91	0	82-133/27
99-87-6	p-Isopropyltoluene	ND		64.2	56.0	87	55.4	90	1	82-132/29
108-10-1	4-Methyl-2-pentanone	ND		321	231	72	229	74	1	69-125/24
126-98-7	Methacrylonitrile	ND		642	385	60*	394	64*	2	70-138/22
74-83-9	Methyl bromide	ND		64.2	45.1	70	43.3	70	4	60-146/31
74-87-3	Methyl chloride	ND		64.2	45.1	70	42.3	69	6	58-163/26
74-88-4	Methyl iodide	ND		64.2	48.3	75	47.8	78	1	66-128/27
80-62-6	Methyl methacrylate	ND		64.2	45.2	70*	51.1	83	12	73-125/24
74-95-3	Methylene bromide	ND		64.2	41.7	65*	41.4	67*	1	75-128/26
75-09-2	Methylene chloride	36.1	B	64.2	80.4	69	68.6	53*	16	62-140/25
78-93-3	Methyl ethyl ketone	ND		321	175	55*	181	59*	3	66-134/23
1634-04-4	Methyl Tert Butyl Ether	ND		64.2	45.0	70	43.3	70	4	70-131/25
91-20-3	Naphthalene	ND		64.2	35.8	56*	38.0	62	6	59-143/31
76-01-7	Pentachloroethane	ND		64.2	52.9	82	48.8	79	8	64-156/37
107-12-0	Propionitrile	ND		642	401	62*	448	73	11	73-133/23
103-65-1	n-Propylbenzene	ND		64.2	60.7	95	57.3	93	6	78-129/29
100-42-5	Styrene	ND		64.2	44.1	69*	44.4	72*	1	79-123/28
630-20-6	1,1,1,2-Tetrachloroethane	ND		64.2	54.7	85	53.0	86	3	81-121/25
71-55-6	1,1,1-Trichloroethane	ND		64.2	52.5	82	47.3	77*	10	80-133/27
79-34-5	1,1,2,2-Tetrachloroethane	ND		64.2	54.6	85	49.3	80	10	70-128/30
79-00-5	1,1,2-Trichloroethane	ND		64.2	48.4	75*	47.9	78	1	76-118/28
87-61-6	1,2,3-Trichlorobenzene	ND		64.2	40.1	62*	42.1	68*	5	78-136/34
96-18-4	1,2,3-Trichloropropane	ND		64.2	48.1	75	41.6	68*	14	74-125/30
120-82-1	1,2,4-Trichlorobenzene	ND		64.2	41.4	64*	42.5	69*	3	82-137/32

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F68654
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F68903-2MS	H058145.D	1	10/22/09	MM	n/a	n/a	VH2173
F68903-2MSD	H058146.D	1	10/22/09	MM	n/a	n/a	VH2173
F68903-2 [a]	H058143.D	1	10/22/09	MM	n/a	n/a	VH2173

The QC reported here applies to the following samples: **Method:** SW846 8260B

F68654-5

CAS No.	Compound	F68903-2 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
95-63-6	1,2,4-Trimethylbenzene	ND		64.2	58.9	92	56.8	92	4	77-129/29
108-67-8	1,3,5-Trimethylbenzene	ND		64.2	60.5	94	58.3	95	4	79-129/31
127-18-4	Tetrachloroethylene	ND		64.2	67.6	105	65.1	106	4	79-132/27
108-88-3	Toluene	ND		64.2	59.7	93	56.7	92	5	80-123/26
79-01-6	Trichloroethylene	ND		64.2	60.4	94	57.9	94	4	78-132/28
75-69-4	Trichlorofluoromethane	ND		64.2	53.5	83	48.3	79	10	67-149/29
110-57-6	Trans-1,4-Dichloro-2-Butene	ND		64.2	97.3	152*	92.9	151*	5	74-138/30
75-01-4	Vinyl chloride	ND		64.2	47.8	74	41.4	67	14	60-145/29
108-05-4	Vinyl Acetate	ND		321	42.1	13*	58.9	19*	33	25-164/35
	m,p-Xylene	ND		128	117	91	116	94	1	82-128/25
95-47-6	o-Xylene	ND		64.2	57.0	89	55.3	90	3	82-126/25

CAS No.	Surrogate Recoveries	MS	MSD	F68903-2	Limits
1868-53-7	Dibromofluoromethane	91%	96%	99%	80-121%
2037-26-5	Toluene-D8	109%	111%	103%	71-130%
460-00-4	4-Bromofluorobenzene	104%	98%	101%	59-148%
17060-07-0	1,2-Dichloroethane-D4	93%	88%	107%	77-123%

(a) Sample was received in a bulk container and preserved within 48 hours of sampling.

GC/MS Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F68654
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30592-MB	U014725.D	1	10/21/09	NAF	10/15/09	OP30592	SU714

The QC reported here applies to the following samples: **Method:** SW846 8270C

F68654-1, F68654-2, F68654-3, F68654-4, F68654-5, F68654-6

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	830	330	ug/kg	
95-57-8	2-Chlorophenol	ND	170	33	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	33	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	33	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	33	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	830	330	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	330	110	ug/kg	
95-48-7	2-Methylphenol	ND	170	33	ug/kg	
	3&4-Methylphenol	ND	170	33	ug/kg	
88-75-5	2-Nitrophenol	ND	170	33	ug/kg	
100-02-7	4-Nitrophenol	ND	830	330	ug/kg	
87-86-5	Pentachlorophenol	ND	830	330	ug/kg	
108-95-2	Phenol	ND	170	33	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	33	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	33	ug/kg	
83-32-9	Acenaphthene	ND	170	33	ug/kg	
208-96-8	Acenaphthylene	ND	170	33	ug/kg	
120-12-7	Anthracene	ND	170	33	ug/kg	
92-87-5	Benzidine	ND	1700	830	ug/kg	
56-55-3	Benzo(a)anthracene	ND	170	33	ug/kg	
50-32-8	Benzo(a)pyrene	ND	170	33	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	170	33	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	170	33	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	170	33	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	170	33	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	330	67	ug/kg	
100-51-6	Benzyl Alcohol	ND	170	33	ug/kg	
91-58-7	2-Chloronaphthalene	ND	170	33	ug/kg	
106-47-8	4-Chloroaniline	ND	170	67	ug/kg	
218-01-9	Chrysene	ND	170	33	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	170	33	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	170	33	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	170	33	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	33	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	170	43	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	170	43	ug/kg	

Method Blank Summary

Job Number: F68654
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30592-MB	U014725.D	1	10/21/09	NAF	10/15/09	OP30592	SU714

The QC reported here applies to the following samples: **Method:** SW846 8270C

F68654-1, F68654-2, F68654-3, F68654-4, F68654-5, F68654-6

CAS No.	Compound	Result	RL	MDL	Units	Q
106-46-7	1,4-Dichlorobenzene	ND	170	40	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	170	33	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	170	33	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	330	67	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	33	ug/kg	
132-64-9	Dibenzofuran	ND	170	33	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	330	67	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	330	67	ug/kg	
84-66-2	Diethyl phthalate	ND	330	170	ug/kg	
131-11-3	Dimethyl phthalate	ND	330	67	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	330	170	ug/kg	
206-44-0	Fluoranthene	ND	170	33	ug/kg	
86-73-7	Fluorene	ND	170	33	ug/kg	
118-74-1	Hexachlorobenzene	ND	170	33	ug/kg	
87-68-3	Hexachlorobutadiene	ND	170	33	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	170	33	ug/kg	
67-72-1	Hexachloroethane	ND	170	40	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	33	ug/kg	
78-59-1	Isophorone	ND	170	33	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	33	ug/kg	
88-74-4	2-Nitroaniline	ND	330	67	ug/kg	
99-09-2	3-Nitroaniline	ND	330	67	ug/kg	
100-01-6	4-Nitroaniline	ND	330	67	ug/kg	
91-20-3	Naphthalene	ND	170	33	ug/kg	
98-95-3	Nitrobenzene	ND	170	33	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	170	33	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	67	ug/kg	
85-01-8	Phenanthrene	ND	170	33	ug/kg	
129-00-0	Pyrene	ND	170	33	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	170	33	ug/kg	

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	70%	40-102%
4165-62-2	Phenol-d5	81%	41-100%

Method Blank Summary

Job Number: F68654
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30592-MB	U014725.D	1	10/21/09	NAF	10/15/09	OP30592	SU714

The QC reported here applies to the following samples: **Method:** SW846 8270C

F68654-1, F68654-2, F68654-3, F68654-4, F68654-5, F68654-6

CAS No.	Surrogate Recoveries		Limits
118-79-6	2,4,6-Tribromophenol	81%	42-108%
4165-60-0	Nitrobenzene-d5	68%	40-105%
321-60-8	2-Fluorobiphenyl	70%	43-107%
1718-51-0	Terphenyl-d14	82%	45-119%

Method Blank Summary

Job Number: F68654
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30592-MB	U014753.D	1	10/22/09	NAF	10/15/09	OP30592	SU715

The QC reported here applies to the following samples: **Method:** SW846 8270C

F68654-1, F68654-2, F68654-3, F68654-4, F68654-5, F68654-6

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	830	330	ug/kg	
95-57-8	2-Chlorophenol	ND	170	33	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	33	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	33	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	33	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	830	330	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	330	110	ug/kg	
95-48-7	2-Methylphenol	ND	170	33	ug/kg	
	3&4-Methylphenol	ND	170	33	ug/kg	
88-75-5	2-Nitrophenol	ND	170	33	ug/kg	
100-02-7	4-Nitrophenol	ND	830	330	ug/kg	
87-86-5	Pentachlorophenol	ND	830	330	ug/kg	
108-95-2	Phenol	ND	170	33	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	33	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	33	ug/kg	
83-32-9	Acenaphthene	ND	170	33	ug/kg	
208-96-8	Acenaphthylene	ND	170	33	ug/kg	
120-12-7	Anthracene	ND	170	33	ug/kg	
92-87-5	Benzidine	ND	1700	830	ug/kg	
56-55-3	Benzo(a)anthracene	ND	170	33	ug/kg	
50-32-8	Benzo(a)pyrene	ND	170	33	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	170	33	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	170	33	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	170	33	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	170	33	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	330	67	ug/kg	
100-51-6	Benzyl Alcohol	ND	170	33	ug/kg	
91-58-7	2-Chloronaphthalene	ND	170	33	ug/kg	
106-47-8	4-Chloroaniline	ND	170	67	ug/kg	
218-01-9	Chrysene	ND	170	33	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	170	33	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	170	33	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	170	33	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	33	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	170	43	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	170	43	ug/kg	

Method Blank Summary

Job Number: F68654
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30592-MB	U014753.D	1	10/22/09	NAF	10/15/09	OP30592	SU715

The QC reported here applies to the following samples: **Method:** SW846 8270C

F68654-1, F68654-2, F68654-3, F68654-4, F68654-5, F68654-6

CAS No.	Compound	Result	RL	MDL	Units	Q
106-46-7	1,4-Dichlorobenzene	ND	170	40	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	170	33	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	170	33	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	330	67	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	33	ug/kg	
132-64-9	Dibenzofuran	ND	170	33	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	330	67	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	330	67	ug/kg	
84-66-2	Diethyl phthalate	ND	330	170	ug/kg	
131-11-3	Dimethyl phthalate	ND	330	67	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	330	170	ug/kg	
206-44-0	Fluoranthene	ND	170	33	ug/kg	
86-73-7	Fluorene	ND	170	33	ug/kg	
118-74-1	Hexachlorobenzene	ND	170	33	ug/kg	
87-68-3	Hexachlorobutadiene	ND	170	33	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	170	33	ug/kg	
67-72-1	Hexachloroethane	ND	170	40	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	33	ug/kg	
78-59-1	Isophorone	ND	170	33	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	33	ug/kg	
88-74-4	2-Nitroaniline	ND	330	67	ug/kg	
99-09-2	3-Nitroaniline	ND	330	67	ug/kg	
100-01-6	4-Nitroaniline	ND	330	67	ug/kg	
91-20-3	Naphthalene	ND	170	33	ug/kg	
98-95-3	Nitrobenzene	ND	170	33	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	170	33	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	67	ug/kg	
85-01-8	Phenanthrene	ND	170	33	ug/kg	
129-00-0	Pyrene	ND	170	33	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	170	33	ug/kg	

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	69%	40-102%
4165-62-2	Phenol-d5	81%	41-100%

Method Blank Summary

Job Number: F68654
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30592-MB	U014753.D	1	10/22/09	NAF	10/15/09	OP30592	SU715

The QC reported here applies to the following samples: **Method:** SW846 8270C

F68654-1, F68654-2, F68654-3, F68654-4, F68654-5, F68654-6

CAS No.	Surrogate Recoveries		Limits
118-79-6	2,4,6-Tribromophenol	82%	42-108%
4165-60-0	Nitrobenzene-d5	69%	40-105%
321-60-8	2-Fluorobiphenyl	70%	43-107%
1718-51-0	Terphenyl-d14	82%	45-119%

Blank Spike Summary

Job Number: F68654
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30592-BS	U014724.D	1	10/21/09	NAF	10/15/09	OP30592	SU714

The QC reported here applies to the following samples: **Method:** SW846 8270C

F68654-1, F68654-2, F68654-3, F68654-4, F68654-5, F68654-6

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
65-85-0	Benzoic acid	3330	2470	74	44-116
95-57-8	2-Chlorophenol	1670	1380	83	54-97
59-50-7	4-Chloro-3-methyl phenol	1670	1540	92	59-102
120-83-2	2,4-Dichlorophenol	1670	1510	91	60-101
105-67-9	2,4-Dimethylphenol	1670	1180	71	49-89
51-28-5	2,4-Dinitrophenol	3330	2400	72	39-107
534-52-1	4,6-Dinitro-o-cresol	3330	2920	88	58-109
95-48-7	2-Methylphenol	1670	1340	80	53-94
	3&4-Methylphenol	3330	2660	80	54-95
88-75-5	2-Nitrophenol	1670	1480	89	55-96
100-02-7	4-Nitrophenol	3330	3210	96	56-106
87-86-5	Pentachlorophenol	3330	3290	99	50-115
108-95-2	Phenol	1670	1410	85	55-99
95-95-4	2,4,5-Trichlorophenol	1670	1560	94	60-101
88-06-2	2,4,6-Trichlorophenol	1670	1510	91	60-100
83-32-9	Acenaphthene	1670	1500	90	59-97
208-96-8	Acenaphthylene	1670	1420	85	58-98
120-12-7	Anthracene	1670	1440	86	61-104
56-55-3	Benzo(a)anthracene	1670	1630	98	60-106
50-32-8	Benzo(a)pyrene	1670	1550	93	59-102
205-99-2	Benzo(b)fluoranthene	1670	1640	98	60-107
191-24-2	Benzo(g,h,i)perylene	1670	1620	97	56-103
207-08-9	Benzo(k)fluoranthene	1670	1600	96	61-107
101-55-3	4-Bromophenyl phenyl ether	1670	1540	92	60-104
85-68-7	Butyl benzyl phthalate	1670	1520	91	57-110
100-51-6	Benzyl Alcohol	1670	1480	89	51-102
91-58-7	2-Chloronaphthalene	1670	1380	83	57-95
106-47-8	4-Chloroaniline	1670	994	60	19-85
218-01-9	Chrysene	1670	1630	98	60-107
111-91-1	bis(2-Chloroethoxy)methane	1670	1350	81	51-89
111-44-4	bis(2-Chloroethyl)ether	1670	1300	78	50-96
108-60-1	bis(2-Chloroisopropyl)ether	1670	1240	74	44-94
7005-72-3	4-Chlorophenyl phenyl ether	1670	1500	90	60-101
95-50-1	1,2-Dichlorobenzene	1670	1310	79	47-91
541-73-1	1,3-Dichlorobenzene	1670	1230	74	45-86
106-46-7	1,4-Dichlorobenzene	1670	1260	76	45-88

Blank Spike Summary

Job Number: F68654
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30592-BS	U014724.D	1	10/21/09	NAF	10/15/09	OP30592	SU714

The QC reported here applies to the following samples: **Method:** SW846 8270C

F68654-1, F68654-2, F68654-3, F68654-4, F68654-5, F68654-6

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
121-14-2	2,4-Dinitrotoluene	1670	1570	94	59-103
606-20-2	2,6-Dinitrotoluene	1670	1530	92	57-99
91-94-1	3,3'-Dichlorobenzidine	1670	1150	69	34-88
53-70-3	Dibenzo(a,h)anthracene	1670	1700	102	57-105
132-64-9	Dibenzofuran	1670	1540	92	58-103
84-74-2	Di-n-butyl phthalate	1670	1510	91	59-105
117-84-0	Di-n-octyl phthalate	1670	1490	89	59-117
84-66-2	Diethyl phthalate	1670	1520	91	59-106
131-11-3	Dimethyl phthalate	1670	1510	91	60-100
117-81-7	bis(2-Ethylhexyl)phthalate	1670	1580	95	57-111
206-44-0	Fluoranthene	1670	1590	95	60-110
86-73-7	Fluorene	1670	1560	94	60-99
118-74-1	Hexachlorobenzene	1670	1540	92	58-103
87-68-3	Hexachlorobutadiene	1670	1370	82	49-95
77-47-4	Hexachlorocyclopentadiene	1670	1440	86	36-94
67-72-1	Hexachloroethane	1670	1250	75	44-89
193-39-5	Indeno(1,2,3-cd)pyrene	1670	1610	97	57-104
78-59-1	Isophorone	1670	1120	67	58-97
91-57-6	2-Methylnaphthalene	1670	1430	86	57-103
88-74-4	2-Nitroaniline	1670	1960	118*	53-106
99-09-2	3-Nitroaniline	1670	1220	73	29-85
100-01-6	4-Nitroaniline	1670	1550	93	49-104
91-20-3	Naphthalene	1670	1380	83	54-93
98-95-3	Nitrobenzene	1670	1350	81	53-92
621-64-7	N-Nitroso-di-n-propylamine	1670	1220	73	49-94
86-30-6	N-Nitrosodiphenylamine	1670	1490	89	53-107
85-01-8	Phenanthrene	1670	1590	95	61-103
129-00-0	Pyrene	1670	1550	93	58-109
120-82-1	1,2,4-Trichlorobenzene	1670	1310	79	52-93

CAS No.	Surrogate Recoveries	BSP	Limits
367-12-4	2-Fluorophenol	81%	40-102%
4165-62-2	Phenol-d5	93%	41-100%
118-79-6	2,4,6-Tribromophenol	94%	42-108%

Blank Spike Summary

Job Number: F68654
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30592-BS	U014724.D	1	10/21/09	NAF	10/15/09	OP30592	SU714

The QC reported here applies to the following samples: **Method:** SW846 8270C

F68654-1, F68654-2, F68654-3, F68654-4, F68654-5, F68654-6

CAS No.	Surrogate Recoveries	BSP	Limits
4165-60-0	Nitrobenzene-d5	80%	40-105%
321-60-8	2-Fluorobiphenyl	79%	43-107%
1718-51-0	Terphenyl-d14	80%	45-119%

Blank Spike Summary

Job Number: F68654
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30592-BS	U014752.D	1	10/22/09	NAF	10/15/09	OP30592	SU715

The QC reported here applies to the following samples: **Method:** SW846 8270C

F68654-1, F68654-2, F68654-3, F68654-4, F68654-5, F68654-6

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
65-85-0	Benzoic acid	3330	2930	88	44-116
95-57-8	2-Chlorophenol	1670	1410	85	54-97
59-50-7	4-Chloro-3-methyl phenol	1670	1550	93	59-102
120-83-2	2,4-Dichlorophenol	1670	1520	91	60-101
105-67-9	2,4-Dimethylphenol	1670	1190	71	49-89
51-28-5	2,4-Dinitrophenol	3330	2430	73	39-107
534-52-1	4,6-Dinitro-o-cresol	3330	2960	89	58-109
95-48-7	2-Methylphenol	1670	1380	83	53-94
	3&4-Methylphenol	3330	2670	80	54-95
88-75-5	2-Nitrophenol	1670	1500	90	55-96
100-02-7	4-Nitrophenol	3330	3260	98	56-106
87-86-5	Pentachlorophenol	3330	3590	108	50-115
108-95-2	Phenol	1670	1420	85	55-99
95-95-4	2,4,5-Trichlorophenol	1670	1580	95	60-101
88-06-2	2,4,6-Trichlorophenol	1670	1540	92	60-100
83-32-9	Acenaphthene	1670	1490	89	59-97
208-96-8	Acenaphthylene	1670	1410	85	58-98
120-12-7	Anthracene	1670	1450	87	61-104
56-55-3	Benzo(a)anthracene	1670	1630	98	60-106
50-32-8	Benzo(a)pyrene	1670	1540	92	59-102
205-99-2	Benzo(b)fluoranthene	1670	1660	100	60-107
191-24-2	Benzo(g,h,i)perylene	1670	1500	90	56-103
207-08-9	Benzo(k)fluoranthene	1670	1650	99	61-107
101-55-3	4-Bromophenyl phenyl ether	1670	1570	94	60-104
85-68-7	Butyl benzyl phthalate	1670	1570	94	57-110
100-51-6	Benzyl Alcohol	1670	1520	91	51-102
91-58-7	2-Chloronaphthalene	1670	1380	83	57-95
106-47-8	4-Chloroaniline	1670	840	50	19-85
218-01-9	Chrysene	1670	1600	96	60-107
111-91-1	bis(2-Chloroethoxy)methane	1670	1360	82	51-89
111-44-4	bis(2-Chloroethyl)ether	1670	1320	79	50-96
108-60-1	bis(2-Chloroisopropyl)ether	1670	1210	73	44-94
7005-72-3	4-Chlorophenyl phenyl ether	1670	1550	93	60-101
95-50-1	1,2-Dichlorobenzene	1670	1310	79	47-91
541-73-1	1,3-Dichlorobenzene	1670	1250	75	45-86
106-46-7	1,4-Dichlorobenzene	1670	1260	76	45-88

Blank Spike Summary

Job Number: F68654
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30592-BS	U014752.D	1	10/22/09	NAF	10/15/09	OP30592	SU715

The QC reported here applies to the following samples: **Method:** SW846 8270C

F68654-1, F68654-2, F68654-3, F68654-4, F68654-5, F68654-6

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
121-14-2	2,4-Dinitrotoluene	1670	1580	95	59-103
606-20-2	2,6-Dinitrotoluene	1670	1560	94	57-99
91-94-1	3,3'-Dichlorobenzidine	1670	1210	73	34-88
53-70-3	Dibenzo(a,h)anthracene	1670	1590	95	57-105
132-64-9	Dibenzofuran	1670	1540	92	58-103
84-74-2	Di-n-butyl phthalate	1670	1510	91	59-105
117-84-0	Di-n-octyl phthalate	1670	1610	97	59-117
84-66-2	Diethyl phthalate	1670	1560	94	59-106
131-11-3	Dimethyl phthalate	1670	1530	92	60-100
117-81-7	bis(2-Ethylhexyl)phthalate	1670	1600	96	57-111
206-44-0	Fluoranthene	1670	1590	95	60-110
86-73-7	Fluorene	1670	1580	95	60-99
118-74-1	Hexachlorobenzene	1670	1570	94	58-103
87-68-3	Hexachlorobutadiene	1670	1400	84	49-95
77-47-4	Hexachlorocyclopentadiene	1670	1410	85	36-94
67-72-1	Hexachloroethane	1670	1250	75	44-89
193-39-5	Indeno(1,2,3-cd)pyrene	1670	1510	91	57-104
78-59-1	Isophorone	1670	1130	68	58-97
91-57-6	2-Methylnaphthalene	1670	1450	87	57-103
88-74-4	2-Nitroaniline	1670	1890	113*	53-106
99-09-2	3-Nitroaniline	1670	1210	73	29-85
100-01-6	4-Nitroaniline	1670	1630	98	49-104
91-20-3	Naphthalene	1670	1360	82	54-93
98-95-3	Nitrobenzene	1670	1330	80	53-92
621-64-7	N-Nitroso-di-n-propylamine	1670	1220	73	49-94
86-30-6	N-Nitrosodiphenylamine	1670	1490	89	53-107
85-01-8	Phenanthrene	1670	1600	96	61-103
129-00-0	Pyrene	1670	1590	95	58-109
120-82-1	1,2,4-Trichlorobenzene	1670	1320	79	52-93

CAS No.	Surrogate Recoveries	BSP	Limits
367-12-4	2-Fluorophenol	81%	40-102%
4165-62-2	Phenol-d5	93%	41-100%
118-79-6	2,4,6-Tribromophenol	101%	42-108%

Blank Spike Summary

Job Number: F68654
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30592-BS	U014752.D	1	10/22/09	NAF	10/15/09	OP30592	SU715

The QC reported here applies to the following samples: **Method:** SW846 8270C

F68654-1, F68654-2, F68654-3, F68654-4, F68654-5, F68654-6

CAS No.	Surrogate Recoveries	BSP	Limits
4165-60-0	Nitrobenzene-d5	79%	40-105%
321-60-8	2-Fluorobiphenyl	79%	43-107%
1718-51-0	Terphenyl-d14	85%	45-119%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F68654
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30592-MS	U014730.D	1	10/21/09	NAF	10/15/09	OP30592	SU714
OP30592-MSD	U014731.D	1	10/21/09	NAF	10/15/09	OP30592	SU714
F68654-1	U014729.D	1	10/21/09	NAF	10/15/09	OP30592	SU714

The QC reported here applies to the following samples: **Method:** SW846 8270C

F68654-1, F68654-2, F68654-3, F68654-4, F68654-5, F68654-6

CAS No.	Compound	F68654-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
65-85-0	Benzoic acid	ND		3790	2610	69	3230	78	21	44-116/36
95-57-8	2-Chlorophenol	ND		1900	1420	75	1440	69	1	54-97/31
59-50-7	4-Chloro-3-methyl phenol	ND		1900	1500	79	1800	86	18	59-102/27
120-83-2	2,4-Dichlorophenol	ND		1900	1540	81	1770	85	14	60-101/30
105-67-9	2,4-Dimethylphenol	ND		1900	1240	65	1430	69	14	49-89/31
51-28-5	2,4-Dinitrophenol	ND		3790	2540	67	2530	61	0	39-107/40
534-52-1	4,6-Dinitro-o-cresol	ND		3790	3060	81	3260	78	6	58-109/37
95-48-7	2-Methylphenol	ND		1900	1410	74	1540	74	9	53-94/29
	3&4-Methylphenol	ND		3790	2780	73	3140	75	12	54-95/31
88-75-5	2-Nitrophenol	ND		1900	1490	79	1590	76	6	55-96/30
100-02-7	4-Nitrophenol	ND		3790	3160	83	3720	89	16	56-106/29
87-86-5	Pentachlorophenol	ND		3790	3400	90	3750	90	10	50-115/33
108-95-2	Phenol	ND		1900	1470	78	1580	76	7	55-99/28
95-95-4	2,4,5-Trichlorophenol	ND		1900	1530	81	1810	87	17	60-101/28
88-06-2	2,4,6-Trichlorophenol	ND		1900	1510	80	1810	87	18	60-100/27
83-32-9	Acenaphthene	ND		1900	1510	80	1760	85	15	59-97/29
208-96-8	Acenaphthylene	ND		1900	1430	75	1660	80	15	58-98/30
120-12-7	Anthracene	ND		1900	1400	74	1680	81	18	61-104/29
56-55-3	Benzo(a)anthracene	ND		1900	1560	82	1870	90	18	60-106/31
50-32-8	Benzo(a)pyrene	ND		1900	1480	78	1770	85	18	59-102/32
205-99-2	Benzo(b)fluoranthene	ND		1900	1560	82	1860	89	18	60-107/31
191-24-2	Benzo(g,h,i)perylene	ND		1900	1400	74	1630	78	15	56-103/32
207-08-9	Benzo(k)fluoranthene	ND		1900	1530	81	1830	88	18	61-107/30
101-55-3	4-Bromophenyl phenyl ether	ND		1900	1480	78	1780	86	18	60-104/26
85-68-7	Butyl benzyl phthalate	ND		1900	1420	75	1690	81	17	57-110/28
100-51-6	Benzyl Alcohol	ND		1900	1520	80	1640	79	8	51-102/34
91-58-7	2-Chloronaphthalene	ND		1900	1430	75	1610	77	12	57-95/28
106-47-8	4-Chloroaniline	ND		1900	1190	63	1510	73	24	19-85/34
218-01-9	Chrysene	ND		1900	1560	82	1850	89	17	60-107/31
111-91-1	bis(2-Chloroethoxy)methane	ND		1900	1370	72	1480	71	8	51-89/30
111-44-4	bis(2-Chloroethyl)ether	ND		1900	1290	68	1320	63	2	50-96/33
108-60-1	bis(2-Chloroisopropyl)ether	ND		1900	1220	64	1240	60	2	44-94/32
7005-72-3	4-Chlorophenyl phenyl ether	ND		1900	1470	78	1740	84	17	60-101/26
95-50-1	1,2-Dichlorobenzene	ND		1900	1300	69	1310	63	1	47-91/35
541-73-1	1,3-Dichlorobenzene	ND		1900	1200	63	1220	59	2	45-86/36
106-46-7	1,4-Dichlorobenzene	ND		1900	1240	65	1260	61	2	45-88/36

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F68654
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30592-MS	U014730.D	1	10/21/09	NAF	10/15/09	OP30592	SU714
OP30592-MSD	U014731.D	1	10/21/09	NAF	10/15/09	OP30592	SU714
F68654-1	U014729.D	1	10/21/09	NAF	10/15/09	OP30592	SU714

The QC reported here applies to the following samples: **Method:** SW846 8270C

F68654-1, F68654-2, F68654-3, F68654-4, F68654-5, F68654-6

CAS No.	Compound	F68654-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
121-14-2	2,4-Dinitrotoluene	ND		1900	1460	77	1730	83	17	59-103/30
606-20-2	2,6-Dinitrotoluene	ND		1900	1440	76	1700	82	17	57-99/30
91-94-1	3,3'-Dichlorobenzidine	ND		1900	1410	74	1720	83	20	34-88/31
53-70-3	Dibenzo(a,h)anthracene	ND		1900	1440	76	1690	81	16	57-105/29
132-64-9	Dibenzofuran	ND		1900	1530	81	1790	86	16	58-103/27
84-74-2	Di-n-butyl phthalate	ND		1900	1410	74	1680	81	17	59-105/27
117-84-0	Di-n-octyl phthalate	ND		1900	1420	75	1670	80	16	59-117/28
84-66-2	Diethyl phthalate	ND		1900	1590	84	1770	85	11	59-106/27
131-11-3	Dimethyl phthalate	ND		1900	1430	75	1680	81	16	60-100/26
117-81-7	bis(2-Ethylhexyl)phthalate	ND		1900	1450	76	1680	81	15	57-111/29
206-44-0	Fluoranthene	ND		1900	1530	81	1830	88	18	60-110/32
86-73-7	Fluorene	ND		1900	1520	80	1790	86	16	60-99/30
118-74-1	Hexachlorobenzene	ND		1900	1500	79	1780	86	17	58-103/27
87-68-3	Hexachlorobutadiene	ND		1900	1360	72	1380	66	1	49-95/33
77-47-4	Hexachlorocyclopentadiene	ND		1900	1040	55	1170	56	12	36-94/41
67-72-1	Hexachloroethane	ND		1900	1180	62	1200	58	2	44-89/38
193-39-5	Indeno(1,2,3-cd)pyrene	ND		1900	1410	74	1660	80	16	57-104/33
78-59-1	Isophorone	ND		1900	1130	60	1260	61	11	58-97/30
91-57-6	2-Methylnaphthalene	ND		1900	1460	77	1610	77	10	57-103/32
88-74-4	2-Nitroaniline	ND		1900	1890	100	2210	106	16	53-106/29
99-09-2	3-Nitroaniline	ND		1900	1380	73	1670	80	19	29-85/31
100-01-6	4-Nitroaniline	ND		1900	1490	79	1800	86	19	49-104/31
91-20-3	Naphthalene	ND		1900	1380	73	1440	69	4	54-93/32
98-95-3	Nitrobenzene	ND		1900	1370	72	1420	68	4	53-92/32
621-64-7	N-Nitroso-di-n-propylamine	ND		1900	1240	65	1320	63	6	49-94/28
86-30-6	N-Nitrosodiphenylamine	ND		1900	1430	75	1720	83	18	53-107/28
85-01-8	Phenanthrene	ND		1900	1550	82	1860	89	18	61-103/32
129-00-0	Pyrene	ND		1900	1500	79	1800	86	18	58-109/33
120-82-1	1,2,4-Trichlorobenzene	ND		1900	1320	70	1360	65	3	52-93/32

CAS No.	Surrogate Recoveries	MS	MSD	F68654-1	Limits
367-12-4	2-Fluorophenol	72%	67%	80%	40-102%
4165-62-2	Phenol-d5	85%	82%	91%	41-100%
118-79-6	2,4,6-Tribromophenol	81%	89%	102%	42-108%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F68654
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30592-MS	U014730.D	1	10/21/09	NAF	10/15/09	OP30592	SU714
OP30592-MSD	U014731.D	1	10/21/09	NAF	10/15/09	OP30592	SU714
F68654-1	U014729.D	1	10/21/09	NAF	10/15/09	OP30592	SU714

The QC reported here applies to the following samples: **Method:** SW846 8270C

F68654-1, F68654-2, F68654-3, F68654-4, F68654-5, F68654-6

CAS No.	Surrogate Recoveries	MS	MSD	F68654-1	Limits
4165-60-0	Nitrobenzene-d5	70%	66%	80%	40-105%
321-60-8	2-Fluorobiphenyl	71%	73%	78%	43-107%
1718-51-0	Terphenyl-d14	67%	72%	81%	45-119%

GC Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F68654
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GUV2088-MB	UV036246.D	1	10/16/09	AH	n/a	n/a	GUV2088

The QC reported here applies to the following samples: **Method:** SW846 8015

F68654-1, F68654-2, F68654-5

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	5.0	2.5	mg/kg	

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	76%	56-136%
98-08-8	aaa-Trifluorotoluene	91%	61-121%

Method Blank Summary

Job Number: F68654
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GQR2172-MB	QR050024.D	1	10/21/09	AH	n/a	n/a	GQR2172

The QC reported here applies to the following samples: **Method:** SW846 8015

F68654-4, F68654-6

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	5.0	2.5	mg/kg	

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	91%	56-136%
98-08-8	aaa-Trifluorotoluene	84%	61-121%

Method Blank Summary

Job Number: F68654
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GQR2174-MB	QR050061.D	1	10/22/09	AH	n/a	n/a	GQR2174

The QC reported here applies to the following samples: **Method:** SW846 8015

F68654-3

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	5.0	2.5	mg/kg	

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	83%	56-136%
98-08-8	aaa-Trifluorotoluene	84%	61-121%

Blank Spike Summary

Job Number: F68654
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GUV2088-BS	UV036245.D	1	10/16/09	AH	n/a	n/a	GUV2088

The QC reported here applies to the following samples: **Method:** SW846 8015

F68654-1, F68654-2, F68654-5

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH-GRO (C6-C10)	20	18.1	91	74-121

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	85%	56-136%
98-08-8	aaa-Trifluorotoluene	94%	61-121%

Blank Spike Summary

Job Number: F68654
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GQR2172-BS	QR050023.D	1	10/21/09	AH	n/a	n/a	GQR2172

The QC reported here applies to the following samples: **Method:** SW846 8015

F68654-4, F68654-6

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH-GRO (C6-C10)	20	19.8	99	74-121

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	100%	56-136%
98-08-8	aaa-Trifluorotoluene	101%	61-121%

Blank Spike Summary

Job Number: F68654
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GQR2174-BS	QR050060.D	1	10/22/09	AH	n/a	n/a	GQR2174

The QC reported here applies to the following samples: **Method:** SW846 8015

F68654-3

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH-GRO (C6-C10)	20	18.5	93	74-121

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	94%	56-136%
98-08-8	aaa-Trifluorotoluene	103%	61-121%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F68654
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F68607-4MS	UV036267.D	1	10/17/09	AH	n/a	n/a	GUV2088
F68607-4MSD	UV036268.D	1	10/17/09	AH	n/a	n/a	GUV2088
F68607-4	UV036254.D	1	10/16/09	AH	n/a	n/a	GUV2088

The QC reported here applies to the following samples: **Method:** SW846 8015

F68654-1, F68654-2, F68654-5

CAS No.	Compound	F68607-4 mg/kg	Q	Spike mg/kg	MS mg/kg	MS %	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	6.0	U	24.1	25.4	105	26.7	111	5	74-121/17

CAS No.	Surrogate Recoveries	MS	MSD	F68607-4	Limits
460-00-4	4-Bromofluorobenzene	96% [a]	99% [a]		56-136%
460-00-4	4-Bromofluorobenzene	147%* [b]	166%* [b]	111%	56-136%
98-08-8	aaa-Trifluorotoluene	111%	112%	97%	61-121%

(a) Result reported from PID.
(b) Outside control limits due to matrix interference.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F68654
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F68606-5MS	QR050039.D	1	10/21/09	AH	n/a	n/a	GQR2172
F68606-5MSD	QR050040.D	1	10/21/09	AH	n/a	n/a	GQR2172
F68606-5	QR050025.D	1	10/21/09	AH	n/a	n/a	GQR2172

The QC reported here applies to the following samples: **Method:** SW846 8015

F68654-4, F68654-6

CAS No.	Compound	F68606-5 mg/kg	Q	Spike mg/kg	MS mg/kg	MS %	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	7.0	U	27.9	26.8	96	27.2	97	1	74-121/17

CAS No.	Surrogate Recoveries	MS	MSD	F68606-5	Limits
460-00-4	4-Bromofluorobenzene	89%	91%	91%	56-136%
98-08-8	aaa-Trifluorotoluene	112%	113%	91%	61-121%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F68654
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F68819-3MS	QR050088.D	1	10/22/09	AH	n/a	n/a	GQR2174
F68819-3MSD	QR050089.D	1	10/22/09	AH	n/a	n/a	GQR2174
F68819-3	QR050065.D	1	10/22/09	AH	n/a	n/a	GQR2174

The QC reported here applies to the following samples: **Method:** SW846 8015

F68654-3

CAS No.	Compound	F68819-3 mg/kg	Q	Spike mg/kg	MS mg/kg	MS %	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	ND		22.1	18.7	85	18.3	83	2	74-121/17

CAS No.	Surrogate Recoveries	MS	MSD	F68819-3	Limits
460-00-4	4-Bromofluorobenzene	92%	91%	80%	56-136%
98-08-8	aaa-Trifluorotoluene	98%	99%	82%	61-121%

GC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F68654
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30563-MB	LL27899.D	1	10/15/09	SL	10/12/09	OP30563	GLL1059

The QC reported here applies to the following samples: **Method:** SW846 8015 M

F68654-1, F68654-2, F68654-3, F68654-4, F68654-5, F68654-6

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	8.3	5.0	mg/kg	
	TPH (> C22-C36)	ND	8.3	5.0	mg/kg	

CAS No.	Surrogate Recoveries		Limits
84-15-1	o-Terphenyl	85%	49-108%

Method Blank Summary

Job Number: F68654
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30563-MB	LL27917.D	1	10/16/09	SL	10/12/09	OP30563	GLL1060

The QC reported here applies to the following samples: **Method:** SW846 8015 M

F68654-1, F68654-2, F68654-3, F68654-4, F68654-5, F68654-6

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	8.3	5.0	mg/kg	
	TPH (> C22-C36)	ND	8.3	5.0	mg/kg	

CAS No.	Surrogate Recoveries		Limits
84-15-1	o-Terphenyl	88%	49-108%

Blank Spike Summary

Job Number: F68654
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30563-BS	LL27898.D	1	10/15/09	SL	10/12/09	OP30563	GLL1059

The QC reported here applies to the following samples: **Method:** SW846 8015 M

F68654-1, F68654-2, F68654-3, F68654-4, F68654-5, F68654-6

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH (C10-C22)	33.3	29.5	89	64-102
	TPH (> C22-C36)	33.3	31.1	93	52-131

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	87%	49-108%

8.2.1

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Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F68654
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30563-MS	LL27911.D	1	10/15/09	SL	10/12/09	OP30563	GLL1059
OP30563-MSD	LL27912.D	1	10/15/09	SL	10/12/09	OP30563	GLL1059
F68654-6	LL27910.D	1	10/15/09	SL	10/12/09	OP30563	GLL1059

The QC reported here applies to the following samples: **Method:** SW846 8015 M

F68654-1, F68654-2, F68654-3, F68654-4, F68654-5, F68654-6

CAS No.	Compound	F68654-6 mg/kg	Q	Spike mg/kg	MS mg/kg	MS %	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH (C10-C22)	17.8		42.6	41.3	55*	48.0	70	15	64-102/32
	TPH (> C22-C36)	ND		42.6	39.9	94	43.9	101	10	52-131/30

CAS No.	Surrogate Recoveries	MS	MSD	F68654-6	Limits
84-15-1	o-Terphenyl	84%	88%	83%	49-108%

8.3.1

8

Southeast ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

10/22/09

Technical Report for

Nation View

Holloman AFB; WPOL

8090012.01.01

Accutest Job Number: F68565

Sampling Date: 10/06/09

Report to:

Bhate Environmental Associates, Inc.

zbeck@bhate.com

ATTN: Zack Beck

Total number of pages in report: **63**

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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

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Sample Summary

Nation View

Job No: F68565

Holloman AFB; WPOL
Project No: 8090012.01.01

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
F68565-1	10/06/09	12:30	TL	10/07/09	SO	Soil	WPOL-SB29 6"
F68565-2	10/06/09	12:45	TL	10/07/09	SO	Soil	WPOL-SB29 BOTTOM
F68565-3	10/06/09	12:30	TL	10/07/09	SO	Trip Blank Soil	TRIP BLANK

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client: Nation View **Job No:** F68565

Site: Holloman AFB; WPOL **Report Date** 10/22/2009 2:10:19

2 Samples, 1 Trip Blank were collected on 10/06/2009 and received at Accutest on 10/07/2009 properly preserved, at 2.8 Deg. C and intact. These Samples received an Accutest job number of F68565. 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.

Volatiles by GCMS By Method SW846 8260B

Matrix: SO **Batch ID:** VG2295

All samples were analyzed within the recommended method holding time.

Sample(s) F68688-6MS, F68688-6MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

Blank Spike Recovery(s) for Allyl chloride, Methyl bromide, Trans-1,4-Dichloro-2-Butene, Vinyl Acetate are outside control limits. All recovered high and not detected in the samples. Data integrity not compromized.

Matrix Spike Recovery(s) for 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, Acetonitrile, Acrolein, Benzyl Chloride, Ethyl methacrylate, Hexachlorobutadiene, Methyl bromide, Pentachloroethane, Trans-1,4-Dichloro-2-Butene are outside control limits. Probable cause due to matrix interference.

Matrix Spike Duplicate Recovery(s) for 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,3,5-Trimethylbenzene, Acrolein, Benzyl Chloride, Ethyl methacrylate, Hexachlorobutadiene, Methyl bromide, Methylene chloride, n-Propylbenzene, tert-Butylbenzene, Tetrachloroethylene, Trans-1,4-Dichloro-2-Butene, Vinyl Acetate are outside control limits. Probable cause due to matrix interference. For method performance in clean matrix refer to Blank Spike.

RPD(s) for MSD for Acetonitrile, Acrolein, Freon 113, Methylene chloride, tert-Butylbenzene are outside control limits for sample F68688-6MSD. Probable cause due to sample homogeneity.

Extractables by GCMS By Method SW846 8270C

Matrix: SO **Batch ID:** OP30533

All samples were extracted within the recommended method holding time.

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Sample(s) F68576-3MS, F68576-3MSD were used as the QC samples indicated.

Matrix Spike Recovery(s) for 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, 2,4-Dinitrophenol, 2,4-Dinitrotoluene, 2-Nitrophenol, 3-Nitroaniline, 4,6-Dinitro-o-cresol, Hexachlorocyclopentadiene, Hexachloroethane, Isophorone are outside control limits. Probable cause due to matrix interference.

Matrix Spike Duplicate Recovery(s) for 2,4-Dinitrophenol, 2,4-Dinitrotoluene, 2-Nitrophenol, 4,6-Dinitro-o-cresol, Hexachlorocyclopentadiene, Hexachloroethane are outside control limits. Probable cause due to matrix interference. For method performance in clean matrix refer to Blank Spike.

RPD(s) for MSD for Hexachlorocyclopentadiene are outside control limits for sample OP30533-MSD. Probable cause due to sample homogeneity.

Volatiles by GC By Method SW846 8015

Matrix: SO **Batch ID:** GCD3810

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Sample(s) F68576-3MS, F68576-3MSD were used as the QC samples indicated.

Matrix Spike Duplicate Recovery(s) for TPH-GRO (C6-C10) are outside control limits. Probable cause due to matrix interference. For method performance in clean matrix refer to Blank Spike.

Extractables by GC By Method SW846 8015 M

Matrix: SO **Batch ID:** OP30563

All samples were extracted within the recommended method holding time.

All samples were analyzed within the recommended method holding time.

Sample(s) F68654-6MS, F68654-6MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

Matrix Spike Recovery(s) for TPH (C10-C22) are outside control limits. Probable cause due to matrix interference.

Wet Chemistry By Method SM19 2540B M

Matrix: SO **Batch ID:** GN36952

Sample(s) F68570-1DUP were used as the QC samples for Solids, 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: October 22, 2009

Svetlana Izosimova, QAO (signature on file)

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	WPOL-SB29 6"		
Lab Sample ID:	F68565-1	**Date Sampled:**	10/06/09
Matrix:	SO - Soil	**Date Received:**	10/07/09
Method:	SW846 8260B	**Percent Solids:**	71.9
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G0060838.D	1	10/13/09	MM	n/a	n/a	VG2295
Run #2							

	Initial Weight
Run #1	5.93 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	59	29	ug/kg	
75-05-8	Acetonitrile	ND	59	19	ug/kg	
107-02-8	Acrolein	ND	29	11	ug/kg	
107-13-1	Acrylonitrile	ND	29	8.1	ug/kg	
107-05-1	Allyl chloride	ND	29	5.9	ug/kg	
71-43-2	Benzene	ND	5.9	1.2	ug/kg	
100-44-7	Benzyl Chloride	ND	5.9	1.3	ug/kg	
108-86-1	Bromobenzene	ND	5.9	1.2	ug/kg	
74-97-5	Bromochloromethane	ND	5.9	2.0	ug/kg	
75-27-4	Bromodichloromethane	ND	5.9	1.4	ug/kg	
75-25-2	Bromoform	ND	5.9	1.8	ug/kg	
104-51-8	n-Butylbenzene	ND	5.9	1.6	ug/kg	
135-98-8	sec-Butylbenzene	5.4	5.9	1.3	ug/kg	J
98-06-6	tert-Butylbenzene	ND	5.9	1.3	ug/kg	
108-90-7	Chlorobenzene	ND	5.9	1.2	ug/kg	
75-00-3	Chloroethane	ND	5.9	2.3	ug/kg	
67-66-3	Chloroform	ND	5.9	2.0	ug/kg	
544-10-5	1-Chlorohexane	ND	5.9	1.5	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.9	1.2	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.9	1.2	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	29	12	ug/kg	
75-15-0	Carbon disulfide	4.4	5.9	1.3	ug/kg	J
56-23-5	Carbon tetrachloride	ND	5.9	1.6	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.9	2.3	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	5.9	1.5	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.9	1.6	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.9	2.8	ug/kg	
106-93-4	1,2-Dibromoethane	ND	5.9	1.2	ug/kg	
107-06-2	1,2-Dichloroethane	ND	5.9	1.3	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.9	1.6	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.9	1.2	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.9	2.5	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB29 6"		
Lab Sample ID:	F68565-1	**Date Sampled:**	10/06/09
Matrix:	SO - Soil	**Date Received:**	10/07/09
Method:	SW846 8260B	**Percent Solids:**	71.9
Project:	Holloman AFB; WPOL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	5.9	1.2	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.9	2.3	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	5.9	1.9	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.9	1.5	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	29	5.9	ug/kg	
541-73-1	m-Dichlorobenzene	ND	5.9	1.2	ug/kg	
95-50-1	o-Dichlorobenzene	ND	5.9	1.2	ug/kg	
106-46-7	p-Dichlorobenzene	ND	5.9	1.2	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	5.9	1.4	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.9	1.2	ug/kg	
100-41-4	Ethylbenzene	ND	5.9	1.2	ug/kg	
97-63-2	Ethyl methacrylate	ND	29	5.9	ug/kg	
76-13-1	Freon 113	ND	5.9	3.0	ug/kg	
591-78-6	2-Hexanone	ND	29	5.9	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.9	1.4	ug/kg	
110-54-3	Hexane	ND	5.9	2.8	ug/kg	
98-82-8	Isopropylbenzene	ND	5.9	1.3	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.9	1.3	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	29	7.5	ug/kg	
126-98-7	Methacrylonitrile	ND	29	6.4	ug/kg	
74-83-9	Methyl bromide	ND	5.9	2.6	ug/kg	
74-87-3	Methyl chloride	ND	5.9	2.8	ug/kg	
74-88-4	Methyl iodide	ND	12	2.3	ug/kg	
80-62-6	Methyl methacrylate	ND	29	5.9	ug/kg	
74-95-3	Methylene bromide	ND	5.9	1.8	ug/kg	
75-09-2	Methylene chloride	ND	12	5.9	ug/kg	
78-93-3	Methyl ethyl ketone	ND	29	9.7	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.9	1.8	ug/kg	
91-20-3	Naphthalene	ND	5.9	2.3	ug/kg	
76-01-7	Pentachloroethane	ND	29	5.9	ug/kg	
107-12-0	Propionitrile	ND	59	14	ug/kg	
103-65-1	n-Propylbenzene	ND	5.9	1.4	ug/kg	
100-42-5	Styrene	ND	5.9	1.2	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.9	1.2	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.9	1.3	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.9	2.1	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.9	1.2	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.9	2.3	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.9	2.2	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.9	2.3	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB29 6"		
Lab Sample ID:	F68565-1	**Date Sampled:**	10/06/09
Matrix:	SO - Soil	**Date Received:**	10/07/09
Method:	SW846 8260B	**Percent Solids:**	71.9
Project:	Holloman AFB; WPOL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	5.9	1.2	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.9	1.2	ug/kg	
127-18-4	Tetrachloroethylene	ND	5.9	1.4	ug/kg	
108-88-3	Toluene	ND	5.9	1.2	ug/kg	
79-01-6	Trichloroethylene	ND	5.9	1.4	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.9	2.3	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	29	5.9	ug/kg	
75-01-4	Vinyl chloride	ND	5.9	2.3	ug/kg	
108-05-4	Vinyl Acetate	ND	29	14	ug/kg	
	m,p-Xylene	ND	12	2.2	ug/kg	
95-47-6	o-Xylene	ND	5.9	1.2	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		80-121%
2037-26-5	Toluene-D8	93%		71-130%
460-00-4	4-Bromofluorobenzene	81%		59-148%
17060-07-0	1,2-Dichloroethane-D4	100%		77-123%

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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB29 6"		
Lab Sample ID:	F68565-1	**Date Sampled:**	10/06/09
Matrix:	SO - Soil	**Date Received:**	10/07/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	71.9
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	U014608.D	1	10/13/09	NAF	10/09/09	OP30533	SU708
Run #2							

	Initial Weight	Final Volume
Run #1	30.5 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1100	460	ug/kg	
95-57-8	2-Chlorophenol	ND	230	46	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	230	46	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	230	46	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	230	46	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1100	460	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	460	150	ug/kg	
95-48-7	2-Methylphenol	ND	230	46	ug/kg	
	3&4-Methylphenol	ND	230	46	ug/kg	
88-75-5	2-Nitrophenol	ND	230	46	ug/kg	
100-02-7	4-Nitrophenol	ND	1100	460	ug/kg	
87-86-5	Pentachlorophenol	ND	1100	460	ug/kg	
108-95-2	Phenol	ND	230	46	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	230	46	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	230	46	ug/kg	
83-32-9	Acenaphthene	ND	230	46	ug/kg	
208-96-8	Acenaphthylene	ND	230	46	ug/kg	
120-12-7	Anthracene	ND	230	46	ug/kg	
92-87-5	Benzidine	ND	2300	1100	ug/kg	
56-55-3	Benzo(a)anthracene	ND	230	46	ug/kg	
50-32-8	Benzo(a)pyrene	ND	230	46	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	230	46	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	230	46	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	230	46	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	230	46	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	460	91	ug/kg	
100-51-6	Benzyl Alcohol	ND	230	46	ug/kg	
91-58-7	2-Chloronaphthalene	ND	230	46	ug/kg	
106-47-8	4-Chloroaniline	ND	230	91	ug/kg	
218-01-9	Chrysene	ND	230	46	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	230	46	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	230	46	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB29 6"		
Lab Sample ID:	F68565-1	**Date Sampled:**	10/06/09
Matrix:	SO - Soil	**Date Received:**	10/07/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	71.9
Project:	Holloman AFB; WPOL		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	230	46	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	230	46	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	230	59	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	230	59	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	230	55	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	230	46	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	230	46	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	460	91	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	230	46	ug/kg	
132-64-9	Dibenzofuran	ND	230	46	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	460	91	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	460	91	ug/kg	
84-66-2	Diethyl phthalate	ND	460	230	ug/kg	
131-11-3	Dimethyl phthalate	ND	460	91	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	460	230	ug/kg	
206-44-0	Fluoranthene	ND	230	46	ug/kg	
86-73-7	Fluorene	ND	230	46	ug/kg	
118-74-1	Hexachlorobenzene	ND	230	46	ug/kg	
87-68-3	Hexachlorobutadiene	ND	230	46	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	230	46	ug/kg	
67-72-1	Hexachloroethane	ND	230	55	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	230	46	ug/kg	
78-59-1	Isophorone	ND	230	46	ug/kg	
91-57-6	2-Methylnaphthalene	ND	230	46	ug/kg	
88-74-4	2-Nitroaniline	ND	460	91	ug/kg	
99-09-2	3-Nitroaniline	ND	460	91	ug/kg	
100-01-6	4-Nitroaniline	ND	460	91	ug/kg	
91-20-3	Naphthalene	ND	230	46	ug/kg	
98-95-3	Nitrobenzene	ND	230	46	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	230	46	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	230	91	ug/kg	
85-01-8	Phenanthrene	ND	230	46	ug/kg	
129-00-0	Pyrene	ND	230	46	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	230	46	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	69%		40-102%
4165-62-2	Phenol-d5	81%		41-100%
118-79-6	2,4,6-Tribromophenol	59%		42-108%

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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB29 6"		
Lab Sample ID:	F68565-1	**Date Sampled:**	10/06/09
Matrix:	SO - Soil	**Date Received:**	10/07/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	71.9
Project:	Holloman AFB; WPOL		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	53%		40-105%
321-60-8	2-Fluorobiphenyl	64%		43-107%
1718-51-0	Terphenyl-d14	66%		45-119%

ND = Not detected MDL - Method Detection Limit
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E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB29 6"		
Lab Sample ID:	F68565-1	**Date Sampled:**	10/06/09
Matrix:	SO - Soil	**Date Received:**	10/07/09
Method:	SW846 8015	**Percent Solids:**	71.9
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CD090260.D	1	10/15/09	AH	n/a	n/a	GCD3810
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	6.40 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	15.7	7.4	3.7	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	98%		56-136%
98-08-8	aaa-Trifluorotoluene	74%		61-121%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB29 6"		
Lab Sample ID:	F68565-1	**Date Sampled:**	10/06/09
Matrix:	SO - Soil	**Date Received:**	10/07/09
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	71.9
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LL27919.D	1	10/16/09	SL	10/12/09	OP30563	GLL1060
Run #2							

	Initial Weight	Final Volume
Run #1	30.2 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	15.7	12	6.9	mg/kg	
	TPH (> C22-C36)	9.78	12	6.9	mg/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	78%		49-108%

ND = Not detected MDL - Method Detection Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB29 BOTTOM		
Lab Sample ID:	F68565-2	**Date Sampled:**	10/06/09
Matrix:	SO - Soil	**Date Received:**	10/07/09
Method:	SW846 8260B	**Percent Solids:**	72.8
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G0060839.D	1	10/13/09	MM	n/a	n/a	VG2295
Run #2							

	Initial Weight
Run #1	5.16 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	67	33	ug/kg	
75-05-8	Acetonitrile	ND	67	21	ug/kg	
107-02-8	Acrolein	ND	33	13	ug/kg	
107-13-1	Acrylonitrile	ND	33	9.2	ug/kg	
107-05-1	Allyl chloride	ND	33	6.7	ug/kg	
71-43-2	Benzene	ND	6.7	1.3	ug/kg	
100-44-7	Benzyl Chloride	ND	6.7	1.5	ug/kg	
108-86-1	Bromobenzene	ND	6.7	1.3	ug/kg	
74-97-5	Bromochloromethane	ND	6.7	2.3	ug/kg	
75-27-4	Bromodichloromethane	ND	6.7	1.6	ug/kg	
75-25-2	Bromoform	ND	6.7	2.0	ug/kg	
104-51-8	n-Butylbenzene	ND	6.7	1.9	ug/kg	
135-98-8	sec-Butylbenzene	ND	6.7	1.5	ug/kg	
98-06-6	tert-Butylbenzene	ND	6.7	1.5	ug/kg	
108-90-7	Chlorobenzene	ND	6.7	1.3	ug/kg	
75-00-3	Chloroethane	ND	6.7	2.7	ug/kg	
67-66-3	Chloroform	ND	6.7	2.3	ug/kg	
544-10-5	1-Chlorohexane	ND	6.7	1.7	ug/kg	
95-49-8	o-Chlorotoluene	ND	6.7	1.3	ug/kg	
106-43-4	p-Chlorotoluene	ND	6.7	1.3	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	33	13	ug/kg	
75-15-0	Carbon disulfide	ND	6.7	1.5	ug/kg	
56-23-5	Carbon tetrachloride	ND	6.7	1.9	ug/kg	
75-34-3	1,1-Dichloroethane	ND	6.7	2.7	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	6.7	1.7	ug/kg	
563-58-6	1,1-Dichloropropene	ND	6.7	1.9	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	6.7	3.2	ug/kg	
106-93-4	1,2-Dibromoethane	ND	6.7	1.3	ug/kg	
107-06-2	1,2-Dichloroethane	ND	6.7	1.5	ug/kg	
78-87-5	1,2-Dichloropropane	ND	6.7	1.9	ug/kg	
142-28-9	1,3-Dichloropropane	ND	6.7	1.3	ug/kg	
594-20-7	2,2-Dichloropropane	ND	6.7	2.8	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB29 BOTTOM		
Lab Sample ID:	F68565-2	**Date Sampled:**	10/06/09
Matrix:	SO - Soil	**Date Received:**	10/07/09
Method:	SW846 8260B	**Percent Solids:**	72.8
Project:	Holloman AFB; WPOL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	6.7	1.3	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.7	2.7	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	6.7	2.1	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	6.7	1.7	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	33	6.7	ug/kg	
541-73-1	m-Dichlorobenzene	ND	6.7	1.3	ug/kg	
95-50-1	o-Dichlorobenzene	ND	6.7	1.3	ug/kg	
106-46-7	p-Dichlorobenzene	ND	6.7	1.3	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	6.7	1.6	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	6.7	1.3	ug/kg	
100-41-4	Ethylbenzene	ND	6.7	1.3	ug/kg	
97-63-2	Ethyl methacrylate	ND	33	6.7	ug/kg	
76-13-1	Freon 113	ND	6.7	3.5	ug/kg	
591-78-6	2-Hexanone	ND	33	6.7	ug/kg	
87-68-3	Hexachlorobutadiene	ND	6.7	1.6	ug/kg	
110-54-3	Hexane	ND	6.7	3.2	ug/kg	
98-82-8	Isopropylbenzene	ND	6.7	1.5	ug/kg	
99-87-6	p-Isopropyltoluene	ND	6.7	1.5	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	33	8.5	ug/kg	
126-98-7	Methacrylonitrile	ND	33	7.3	ug/kg	
74-83-9	Methyl bromide	ND	6.7	2.9	ug/kg	
74-87-3	Methyl chloride	ND	6.7	3.2	ug/kg	
74-88-4	Methyl iodide	ND	13	2.7	ug/kg	
80-62-6	Methyl methacrylate	ND	33	6.7	ug/kg	
74-95-3	Methylene bromide	ND	6.7	2.0	ug/kg	
75-09-2	Methylene chloride	ND	13	6.7	ug/kg	
78-93-3	Methyl ethyl ketone	ND	33	11	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	6.7	2.0	ug/kg	
91-20-3	Naphthalene	ND	6.7	2.7	ug/kg	
76-01-7	Pentachloroethane	ND	33	6.7	ug/kg	
107-12-0	Propionitrile	ND	67	16	ug/kg	
103-65-1	n-Propylbenzene	ND	6.7	1.6	ug/kg	
100-42-5	Styrene	ND	6.7	1.3	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	6.7	1.3	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	6.7	1.5	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6.7	2.4	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	6.7	1.3	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.7	2.7	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	6.7	2.5	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.7	2.7	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB29 BOTTOM		
Lab Sample ID:	F68565-2	**Date Sampled:**	10/06/09
Matrix:	SO - Soil	**Date Received:**	10/07/09
Method:	SW846 8260B	**Percent Solids:**	72.8
Project:	Holloman AFB; WPOL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	6.7	1.3	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	6.7	1.3	ug/kg	
127-18-4	Tetrachloroethylene	ND	6.7	1.6	ug/kg	
108-88-3	Toluene	ND	6.7	1.3	ug/kg	
79-01-6	Trichloroethylene	ND	6.7	1.6	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.7	2.7	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	33	6.7	ug/kg	
75-01-4	Vinyl chloride	ND	6.7	2.7	ug/kg	
108-05-4	Vinyl Acetate	ND	33	16	ug/kg	
	m,p-Xylene	ND	13	2.5	ug/kg	
95-47-6	o-Xylene	ND	6.7	1.3	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		80-121%
2037-26-5	Toluene-D8	94%		71-130%
460-00-4	4-Bromofluorobenzene	90%		59-148%
17060-07-0	1,2-Dichloroethane-D4	100%		77-123%

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Report of Analysis

Client Sample ID:	WPOL-SB29 BOTTOM		
Lab Sample ID:	F68565-2	**Date Sampled:**	10/06/09
Matrix:	SO - Soil	**Date Received:**	10/07/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	72.8
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	U014609.D	1	10/13/09	NAF	10/09/09	OP30533	SU708
Run #2							

	Initial Weight	Final Volume
Run #1	30.4 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1100	450	ug/kg	
95-57-8	2-Chlorophenol	ND	230	45	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	230	45	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	230	45	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	230	45	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1100	450	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	450	140	ug/kg	
95-48-7	2-Methylphenol	ND	230	45	ug/kg	
	3&4-Methylphenol	ND	230	45	ug/kg	
88-75-5	2-Nitrophenol	ND	230	45	ug/kg	
100-02-7	4-Nitrophenol	ND	1100	450	ug/kg	
87-86-5	Pentachlorophenol	ND	1100	450	ug/kg	
108-95-2	Phenol	ND	230	45	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	230	45	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	230	45	ug/kg	
83-32-9	Acenaphthene	ND	230	45	ug/kg	
208-96-8	Acenaphthylene	ND	230	45	ug/kg	
120-12-7	Anthracene	ND	230	45	ug/kg	
92-87-5	Benzidine	ND	2300	1100	ug/kg	
56-55-3	Benzo(a)anthracene	ND	230	45	ug/kg	
50-32-8	Benzo(a)pyrene	ND	230	45	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	230	45	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	230	45	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	230	45	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	230	45	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	450	90	ug/kg	
100-51-6	Benzyl Alcohol	ND	230	45	ug/kg	
91-58-7	2-Chloronaphthalene	ND	230	45	ug/kg	
106-47-8	4-Chloroaniline	ND	230	90	ug/kg	
218-01-9	Chrysene	ND	230	45	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	230	45	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	230	45	ug/kg	

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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB29 BOTTOM		
Lab Sample ID:	F68565-2	**Date Sampled:**	10/06/09
Matrix:	SO - Soil	**Date Received:**	10/07/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	72.8
Project:	Holloman AFB; WPOL		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	230	45	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	230	45	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	230	59	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	230	59	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	230	54	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	230	45	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	230	45	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	450	90	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	230	45	ug/kg	
132-64-9	Dibenzofuran	ND	230	45	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	450	90	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	450	90	ug/kg	
84-66-2	Diethyl phthalate	ND	450	230	ug/kg	
131-11-3	Dimethyl phthalate	ND	450	90	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	450	230	ug/kg	
206-44-0	Fluoranthene	ND	230	45	ug/kg	
86-73-7	Fluorene	ND	230	45	ug/kg	
118-74-1	Hexachlorobenzene	ND	230	45	ug/kg	
87-68-3	Hexachlorobutadiene	ND	230	45	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	230	45	ug/kg	
67-72-1	Hexachloroethane	ND	230	54	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	230	45	ug/kg	
78-59-1	Isophorone	ND	230	45	ug/kg	
91-57-6	2-Methylnaphthalene	ND	230	45	ug/kg	
88-74-4	2-Nitroaniline	ND	450	90	ug/kg	
99-09-2	3-Nitroaniline	ND	450	90	ug/kg	
100-01-6	4-Nitroaniline	ND	450	90	ug/kg	
91-20-3	Naphthalene	ND	230	45	ug/kg	
98-95-3	Nitrobenzene	ND	230	45	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	230	45	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	230	90	ug/kg	
85-01-8	Phenanthrene	ND	230	45	ug/kg	
129-00-0	Pyrene	ND	230	45	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	230	45	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	76%		40-102%
4165-62-2	Phenol-d5	89%		41-100%
118-79-6	2,4,6-Tribromophenol	74%		42-108%

ND = Not detected MDL - Method Detection Limit
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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB29 BOTTOM		
Lab Sample ID:	F68565-2	**Date Sampled:**	10/06/09
Matrix:	SO - Soil	**Date Received:**	10/07/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	72.8
Project:	Holloman AFB; WPOL		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	68%		40-105%
321-60-8	2-Fluorobiphenyl	72%		43-107%
1718-51-0	Terphenyl-d14	71%		45-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB29 BOTTOM		
Lab Sample ID:	F68565-2	**Date Sampled:**	10/06/09
Matrix:	SO - Soil	**Date Received:**	10/07/09
Method:	SW846 8015	**Percent Solids:**	72.8
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CD090261.D	1	10/15/09	AH	n/a	n/a	GCD3810
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.24 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	8.4	4.2	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	78%		56-136%
98-08-8	aaa-Trifluorotoluene	74%		61-121%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB29 BOTTOM		
Lab Sample ID:	F68565-2	**Date Sampled:**	10/06/09
Matrix:	SO - Soil	**Date Received:**	10/07/09
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	72.8
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LL27902.D	1	10/15/09	SL	10/12/09	OP30563	GLL1059
Run #2							

	Initial Weight	Final Volume
Run #1	29.6 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	12	7.0	mg/kg	
	TPH (> C22-C36)	ND	12	7.0	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	88%		49-108%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	F68565-3	**Date Sampled:**	10/06/09
Matrix:	SO - Trip Blank Soil	**Date Received:**	10/07/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G0060840.D	1	10/13/09	MM	n/a	n/a	VG2295
Run #2							

	Initial Weight
Run #1	5.00 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	393	50	25	ug/kg	
75-05-8	Acetonitrile	ND	50	16	ug/kg	
107-02-8	Acrolein	ND	25	9.8	ug/kg	
107-13-1	Acrylonitrile	ND	25	6.9	ug/kg	
107-05-1	Allyl chloride	ND	25	5.0	ug/kg	
71-43-2	Benzene	ND	5.0	1.0	ug/kg	
100-44-7	Benzyl Chloride	ND	5.0	1.1	ug/kg	
108-86-1	Bromobenzene	ND	5.0	1.0	ug/kg	
74-97-5	Bromochloromethane	ND	5.0	1.7	ug/kg	
75-27-4	Bromodichloromethane	ND	5.0	1.2	ug/kg	
75-25-2	Bromoform	ND	5.0	1.5	ug/kg	
104-51-8	n-Butylbenzene	ND	5.0	1.4	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.0	1.1	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.0	1.1	ug/kg	
108-90-7	Chlorobenzene	ND	5.0	1.0	ug/kg	
75-00-3	Chloroethane	ND	5.0	2.0	ug/kg	
67-66-3	Chloroform	ND	5.0	1.7	ug/kg	
544-10-5	1-Chlorohexane	ND	5.0	1.3	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.0	1.0	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.0	1.0	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	25	10	ug/kg	
75-15-0	Carbon disulfide	ND	5.0	1.1	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.0	1.4	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.0	2.0	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	5.0	1.3	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.0	1.4	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	2.4	ug/kg	
106-93-4	1,2-Dibromoethane	ND	5.0	1.0	ug/kg	
107-06-2	1,2-Dichloroethane	ND	5.0	1.1	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.0	1.4	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.0	1.0	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.0	2.1	ug/kg	

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RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	F68565-3	**Date Sampled:**	10/06/09
Matrix:	SO - Trip Blank Soil	**Date Received:**	10/07/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Holloman AFB; WPOL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	5.0	1.0	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	2.0	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	5.0	1.6	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	1.3	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	25	5.0	ug/kg	
541-73-1	m-Dichlorobenzene	ND	5.0	1.0	ug/kg	
95-50-1	o-Dichlorobenzene	ND	5.0	1.0	ug/kg	
106-46-7	p-Dichlorobenzene	ND	5.0	1.0	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	5.0	1.2	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	1.0	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	1.0	ug/kg	
97-63-2	Ethyl methacrylate	ND	25	5.0	ug/kg	
76-13-1	Freon 113	ND	5.0	2.6	ug/kg	
591-78-6	2-Hexanone	ND	25	5.0	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.0	1.2	ug/kg	
110-54-3	Hexane	ND	5.0	2.4	ug/kg	
98-82-8	Isopropylbenzene	ND	5.0	1.1	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.0	1.1	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	25	6.4	ug/kg	
126-98-7	Methacrylonitrile	ND	25	5.5	ug/kg	
74-83-9	Methyl bromide	ND	5.0	2.2	ug/kg	
74-87-3	Methyl chloride	ND	5.0	2.4	ug/kg	
74-88-4	Methyl iodide	ND	10	2.0	ug/kg	
80-62-6	Methyl methacrylate	ND	25	5.0	ug/kg	
74-95-3	Methylene bromide	ND	5.0	1.5	ug/kg	
75-09-2	Methylene chloride	ND	10	5.0	ug/kg	
78-93-3	Methyl ethyl ketone	ND	25	8.3	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	1.5	ug/kg	
91-20-3	Naphthalene	ND	5.0	2.0	ug/kg	
76-01-7	Pentachloroethane	ND	25	5.0	ug/kg	
107-12-0	Propionitrile	ND	50	12	ug/kg	
103-65-1	n-Propylbenzene	ND	5.0	1.2	ug/kg	
100-42-5	Styrene	ND	5.0	1.0	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	1.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.0	1.1	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	1.8	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.0	1.0	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	2.0	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.9	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	2.0	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	F68565-3	**Date Sampled:**	10/06/09
Matrix:	SO - Trip Blank Soil	**Date Received:**	10/07/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Holloman AFB; WPOL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	1.0	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	1.0	ug/kg	
127-18-4	Tetrachloroethylene	ND	5.0	1.2	ug/kg	
108-88-3	Toluene	ND	5.0	1.0	ug/kg	
79-01-6	Trichloroethylene	ND	5.0	1.2	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	2.0	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	25	5.0	ug/kg	
75-01-4	Vinyl chloride	ND	5.0	2.0	ug/kg	
108-05-4	Vinyl Acetate	ND	25	12	ug/kg	
	m,p-Xylene	ND	10	1.9	ug/kg	
95-47-6	o-Xylene	ND	5.0	1.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		80-121%
2037-26-5	Toluene-D8	95%		71-130%
460-00-4	4-Bromofluorobenzene	98%		59-148%
17060-07-0	1,2-Dichloroethane-D4	101%		77-123%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Certification Exceptions
- Chain of Custody

NATIONVIEW

F68565

Page: of

Project No: 8090012.01.01

COC Number(1): 10062009

LIMS Number:

Chain of Custody and Analytical Request

Facility/Base I.D.: Holloman Air Force Base

Project/Site Name: WPOL

Client Name: USACE

Collected by: T Lucero

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	8260 VOC'S + HEXANE	8270 SVOC'S	8015 ORO,DRO	8015 GRO	PERCENT MOISTURE				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 WPOL-SB29 6'	WPOL-SB29 6'	06102009	1230	6 - 7	N	1	SO	7	[1]	[1]	[1]	[1]	[1]							1
2 WPOL-SB29 Bottom	WPOL-SB29 Bottom	06102009	1245	8 - 9	N	1	SO	7	[1]	[1]	[1]	[1]	[1]							1
3 TRIP BLANK	FIELD QC	06102009	1230	-	TB	1	AQ	1	[1]											
				-																
				-																
				-																
				-																
				-																
				-																
				-																

COMMENTS: Add this number to the final report next to sample ID GT098030

Custody Transfers Prior to Receipt by Laboratory

Relinquished By (Signed)	Date	Time	Received by (signed)	Date	Time
1. Tom	10062009	1600	1. fx		
2. fx	10/7/09	930	2. [illegible]	10/7/09	930
3.			3.		

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab: Shipped No.:

Method of Shipment: Fed Ex Airbill Number: 796007873291

Analytical Lab: Accutest Delivery Location: Orlando FL

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

2.8

4.1

4

F68565: Chain of Custody

Page 1 of 2

ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: F68565 CLIENT: Nationview PROJECT: WP01

DATE/TIME RECEIVED: 10/7/09 930 # OF COOLERS RECEIVED: 1 COOLER TEMPS: 2.8

METHOD OF DELIVERY: FEDEX UPS ACCUTEST COURIER GREYHOUND DELIVERY OTHER

AIRBILL NUMBERS: 7960 0787 3291

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
- [ ] WET ICE RECEIVED IN COOLER

TRIP BLANK INFORMATION

- [x] TRIP BLANK PROVIDED
- [ ] TRIP BLANK NOT PROVIDED
- [ ] TRIP BLANK NOT ON COC
- [x] TRIP BLANK INTACT
- [ ] TRIP BLANK NOT INTACT
- [ ] RECEIVED WATER TRIP BLANK
- [x] RECEIVED SOIL TRIP BLANK

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)

MISC. INFORMATION

NUMBER OF ENCORES ? 0

NUMBER OF 5035 FIELD KITS ? 4+TB

NUMBER OF LAB FILTERED METALS ? 0

SUMMARY OF COMMENTS:

TECHNICIAN SIGNATURE/DATE [signature] 10/7/09 TECHNICIAN SIGNATURE/DATE [signature] 10-7-09

ASBD 12/17/07

4.1

4

F68565: Chain of Custody
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GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F68565
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VG2295-MB	G0060825.D	1	10/13/09	MM	n/a	n/a	VG2295

The QC reported here applies to the following samples: **Method:** SW846 8260B

F68565-1, F68565-2, F68565-3

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	48	24	ug/kg	
75-05-8	Acetonitrile	ND	48	15	ug/kg	
107-02-8	Acrolein	ND	24	9.5	ug/kg	
107-13-1	Acrylonitrile	ND	24	6.7	ug/kg	
107-05-1	Allyl chloride	ND	24	4.8	ug/kg	
71-43-2	Benzene	ND	4.8	0.97	ug/kg	
100-44-7	Benzyl Chloride	ND	4.8	1.1	ug/kg	
108-86-1	Bromobenzene	ND	4.8	0.97	ug/kg	
74-97-5	Bromochloromethane	ND	4.8	1.6	ug/kg	
75-27-4	Bromodichloromethane	ND	4.8	1.2	ug/kg	
75-25-2	Bromoform	ND	4.8	1.4	ug/kg	
104-51-8	n-Butylbenzene	ND	4.8	1.4	ug/kg	
135-98-8	sec-Butylbenzene	ND	4.8	1.1	ug/kg	
98-06-6	tert-Butylbenzene	ND	4.8	1.1	ug/kg	
108-90-7	Chlorobenzene	ND	4.8	0.97	ug/kg	
75-00-3	Chloroethane	ND	4.8	1.9	ug/kg	
67-66-3	Chloroform	ND	4.8	1.6	ug/kg	
544-10-5	1-Chlorohexane	ND	4.8	1.3	ug/kg	
95-49-8	o-Chlorotoluene	ND	4.8	0.97	ug/kg	
106-43-4	p-Chlorotoluene	ND	4.8	0.97	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	24	9.7	ug/kg	
75-15-0	Carbon disulfide	ND	4.8	1.1	ug/kg	
56-23-5	Carbon tetrachloride	ND	4.8	1.4	ug/kg	
75-34-3	1,1-Dichloroethane	ND	4.8	1.9	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	4.8	1.3	ug/kg	
563-58-6	1,1-Dichloropropene	ND	4.8	1.4	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	4.8	2.3	ug/kg	
106-93-4	1,2-Dibromoethane	ND	4.8	0.97	ug/kg	
107-06-2	1,2-Dichloroethane	ND	4.8	1.1	ug/kg	
78-87-5	1,2-Dichloropropane	ND	4.8	1.4	ug/kg	
142-28-9	1,3-Dichloropropane	ND	4.8	0.97	ug/kg	
594-20-7	2,2-Dichloropropane	ND	4.8	2.0	ug/kg	
124-48-1	Dibromochloromethane	ND	4.8	0.97	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	4.8	1.9	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	4.8	1.5	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	4.8	1.3	ug/kg	

Method Blank Summary

Job Number: F68565
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VG2295-MB	G0060825.D	1	10/13/09	MM	n/a	n/a	VG2295

The QC reported here applies to the following samples: **Method:** SW846 8260B

F68565-1, F68565-2, F68565-3

CAS No.	Compound	Result	RL	MDL	Units	Q
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	24	4.8	ug/kg	
541-73-1	m-Dichlorobenzene	ND	4.8	0.97	ug/kg	
95-50-1	o-Dichlorobenzene	ND	4.8	0.97	ug/kg	
106-46-7	p-Dichlorobenzene	ND	4.8	0.97	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	4.8	1.2	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	4.8	0.97	ug/kg	
100-41-4	Ethylbenzene	ND	4.8	0.97	ug/kg	
97-63-2	Ethyl methacrylate	ND	24	4.8	ug/kg	
76-13-1	Freon 113	ND	4.8	2.5	ug/kg	
591-78-6	2-Hexanone	ND	24	4.8	ug/kg	
87-68-3	Hexachlorobutadiene	ND	4.8	1.2	ug/kg	
110-54-3	Hexane	ND	4.8	2.3	ug/kg	
98-82-8	Isopropylbenzene	ND	4.8	1.1	ug/kg	
99-87-6	p-Isopropyltoluene	ND	4.8	1.1	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	24	6.2	ug/kg	
126-98-7	Methacrylonitrile	ND	24	5.3	ug/kg	
74-83-9	Methyl bromide	ND	4.8	2.1	ug/kg	
74-87-3	Methyl chloride	ND	4.8	2.3	ug/kg	
74-88-4	Methyl iodide	ND	9.7	1.9	ug/kg	
80-62-6	Methyl methacrylate	ND	24	4.8	ug/kg	
74-95-3	Methylene bromide	ND	4.8	1.4	ug/kg	
75-09-2	Methylene chloride	7.2	9.7	4.8	ug/kg	J
78-93-3	Methyl ethyl ketone	ND	24	8.0	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	4.8	1.4	ug/kg	
91-20-3	Naphthalene	ND	4.8	1.9	ug/kg	
76-01-7	Pentachloroethane	ND	24	4.8	ug/kg	
107-12-0	Propionitrile	ND	48	12	ug/kg	
103-65-1	n-Propylbenzene	ND	4.8	1.2	ug/kg	
100-42-5	Styrene	ND	4.8	0.97	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	4.8	0.97	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	4.8	1.1	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	4.8	1.7	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	4.8	0.97	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	4.8	1.9	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	4.8	1.8	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	4.8	1.9	ug/kg	

Method Blank Summary

Job Number: F68565
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VG2295-MB	G0060825.D	1	10/13/09	MM	n/a	n/a	VG2295

The QC reported here applies to the following samples: **Method:** SW846 8260B

F68565-1, F68565-2, F68565-3

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	4.8	0.97	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	4.8	0.97	ug/kg	
127-18-4	Tetrachloroethylene	ND	4.8	1.2	ug/kg	
108-88-3	Toluene	ND	4.8	0.97	ug/kg	
79-01-6	Trichloroethylene	ND	4.8	1.2	ug/kg	
75-69-4	Trichlorofluoromethane	ND	4.8	1.9	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	24	4.8	ug/kg	
75-01-4	Vinyl chloride	ND	4.8	1.9	ug/kg	
108-05-4	Vinyl Acetate	ND	24	12	ug/kg	
	m,p-Xylene	ND	9.7	1.8	ug/kg	
95-47-6	o-Xylene	ND	4.8	0.97	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	101%	80-121%
2037-26-5	Toluene-D8	98%	71-130%
460-00-4	4-Bromofluorobenzene	99%	59-148%
17060-07-0	1,2-Dichloroethane-D4	105%	77-123%

Blank Spike Summary

Job Number: F68565
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VG2295-BS	G0060824.D	1	10/13/09	MM	n/a	n/a	VG2295

The QC reported here applies to the following samples: **Method:** SW846 8260B

F68565-1, F68565-2, F68565-3

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
67-64-1	Acetone	250	285	114	61-144
75-05-8	Acetonitrile	500	465	93	59-139
107-02-8	Acrolein	250	368	147	27-156
107-13-1	Acrylonitrile	250	300	120	55-144
107-05-1	Allyl chloride	50	77.2	154*	41-152
71-43-2	Benzene	50	58.5	117	78-130
100-44-7	Benzyl Chloride	50	49.1	98	74-130
108-86-1	Bromobenzene	50	56.9	114	78-123
74-97-5	Bromochloromethane	50	54.9	110	72-122
75-27-4	Bromodichloromethane	50	53.7	107	73-122
75-25-2	Bromoform	50	42.8	86	70-139
104-51-8	n-Butylbenzene	50	59.6	119	80-138
135-98-8	sec-Butylbenzene	50	61.8	124	82-132
98-06-6	tert-Butylbenzene	50	59.7	119	79-130
108-90-7	Chlorobenzene	50	57.1	114	83-122
75-00-3	Chloroethane	50	59.0	118	61-153
67-66-3	Chloroform	50	56.9	114	79-129
544-10-5	1-Chlorohexane	50	57.3	115	85-137
95-49-8	o-Chlorotoluene	50	60.0	120	77-123
106-43-4	p-Chlorotoluene	50	59.7	119	78-129
110-75-8	2-Chloroethyl vinyl ether	250	271	108	52-142
75-15-0	Carbon disulfide	50	65.6	131	61-142
56-23-5	Carbon tetrachloride	50	57.0	114	79-135
75-34-3	1,1-Dichloroethane	50	59.4	119	77-132
75-35-4	1,1-Dichloroethylene	50	59.3	119	66-132
563-58-6	1,1-Dichloropropene	50	57.7	115	81-133
96-12-8	1,2-Dibromo-3-chloropropane	50	48.0	96	67-129
106-93-4	1,2-Dibromoethane	50	51.0	102	77-126
107-06-2	1,2-Dichloroethane	50	53.6	107	78-129
78-87-5	1,2-Dichloropropane	50	57.0	114	74-127
142-28-9	1,3-Dichloropropane	50	49.4	99	78-118
594-20-7	2,2-Dichloropropane	50	57.8	116	80-137
124-48-1	Dibromochloromethane	50	50.6	101	78-117
75-71-8	Dichlorodifluoromethane	50	55.9	112	35-162
156-59-2	cis-1,2-Dichloroethylene	50	56.9	114	74-123
10061-01-5	cis-1,3-Dichloropropene	50	58.3	117	79-130

Blank Spike Summary

Job Number: F68565
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VG2295-BS	G0060824.D	1	10/13/09	MM	n/a	n/a	VG2295

The QC reported here applies to the following samples: **Method:** SW846 8260B

F68565-1, F68565-2, F68565-3

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
1476-11-5	cis-1,4-Dichloro-2-Butene	50	47.6	95	71-126
541-73-1	m-Dichlorobenzene	50	57.4	115	82-126
95-50-1	o-Dichlorobenzene	50	54.5	109	83-123
106-46-7	p-Dichlorobenzene	50	57.3	115	84-124
156-60-5	trans-1,2-Dichloroethylene	50	61.3	123	77-129
10061-02-6	trans-1,3-Dichloropropene	50	57.6	115	87-131
100-41-4	Ethylbenzene	50	59.0	118	82-124
97-63-2	Ethyl methacrylate	50	43.7	87	78-118
76-13-1	Freon 113	50	50.8	102	62-147
591-78-6	2-Hexanone	250	243	97	67-130
87-68-3	Hexachlorobutadiene	50	58.5	117	77-150
110-54-3	Hexane	50	59.8	120	65-147
98-82-8	Isopropylbenzene	50	59.9	120	82-133
99-87-6	p-Isopropyltoluene	50	60.8	122	82-132
108-10-1	4-Methyl-2-pentanone	250	241	96	69-125
126-98-7	Methacrylonitrile	500	515	103	70-138
74-83-9	Methyl bromide	50	79.0	158*	60-146
74-87-3	Methyl chloride	50	57.5	115	58-163
74-88-4	Methyl iodide	50	61.1	122	66-128
80-62-6	Methyl methacrylate	50	52.1	104	73-125
74-95-3	Methylene bromide	50	53.2	106	75-128
75-09-2	Methylene chloride	50	59.2	118	62-140
78-93-3	Methyl ethyl ketone	250	251	100	66-134
1634-04-4	Methyl Tert Butyl Ether	50	53.0	106	70-131
91-20-3	Naphthalene	50	48.2	96	59-143
76-01-7	Pentachloroethane	50	60.7	121	64-156
107-12-0	Propionitrile	500	487	97	73-133
103-65-1	n-Propylbenzene	50	60.8	122	78-129
100-42-5	Styrene	50	58.1	116	79-123
630-20-6	1,1,1,2-Tetrachloroethane	50	55.5	111	81-121
71-55-6	1,1,1-Trichloroethane	50	59.0	118	80-133
79-34-5	1,1,2,2-Tetrachloroethane	50	50.6	101	70-128
79-00-5	1,1,2-Trichloroethane	50	50.8	102	76-118
87-61-6	1,2,3-Trichlorobenzene	50	54.3	109	78-136
96-18-4	1,2,3-Trichloropropane	50	43.3	87	74-125
120-82-1	1,2,4-Trichlorobenzene	50	54.5	109	82-137

Blank Spike Summary

Job Number: F68565
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VG2295-BS	G0060824.D	1	10/13/09	MM	n/a	n/a	VG2295

The QC reported here applies to the following samples: **Method:** SW846 8260B

F68565-1, F68565-2, F68565-3

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
95-63-6	1,2,4-Trimethylbenzene	50	60.9	122	77-129
108-67-8	1,3,5-Trimethylbenzene	50	61.5	123	79-129
127-18-4	Tetrachloroethylene	50	57.0	114	79-132
108-88-3	Toluene	50	57.4	115	80-123
79-01-6	Trichloroethylene	50	60.5	121	78-132
75-69-4	Trichlorofluoromethane	50	56.3	113	67-149
110-57-6	Trans-1,4-Dichloro-2-Butene	50	115	230*	74-138
75-01-4	Vinyl chloride	50	55.8	112	60-145
108-05-4	Vinyl Acetate	250	620	248*	25-164
	m,p-Xylene	100	121	121	82-128
95-47-6	o-Xylene	50	58.9	118	82-126

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	101%	80-121%
2037-26-5	Toluene-D8	100%	71-130%
460-00-4	4-Bromofluorobenzene	99%	59-148%
17060-07-0	1,2-Dichloroethane-D4	109%	77-123%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F68565
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F68688-6MS	G0060827.D	1	10/13/09	MM	n/a	n/a	VG2295
F68688-6MSD	G0060828.D	1	10/13/09	MM	n/a	n/a	VG2295
F68688-6	G0060826.D	1	10/13/09	MM	n/a	n/a	VG2295

The QC reported here applies to the following samples: **Method:** SW846 8260B

F68565-1, F68565-2, F68565-3

CAS No.	Compound	F68688-6 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		244	194	80	206	85	6	61-144/29
75-05-8	Acetonitrile	ND		487	900	185*	311	64	97*	59-139/30
107-02-8	Acrolein	ND		244	49.5	20*	ND	0*	200*	27-156/39
107-13-1	Acrylonitrile	ND		244	224	92	233	96	4	55-144/24
107-05-1	Allyl chloride	ND		48.7	67.1	138	67.1	138	0	41-152/24
71-43-2	Benzene	ND		48.7	51.6	106	52.7	108	2	78-130/25
100-44-7	Benzyl Chloride	ND		48.7	27.8	57*	27.5	57*	1	74-130/28
108-86-1	Bromobenzene	ND		48.7	44.6	92	53.6	110	18	78-123/30
74-97-5	Bromochloromethane	ND		48.7	45.6	94	48.6	100	6	72-122/23
75-27-4	Bromodichloromethane	ND		48.7	44.4	91	45.9	94	3	73-122/25
75-25-2	Bromoform	ND		48.7	36.2	74	37.1	76	2	70-139/26
104-51-8	n-Butylbenzene	ND		48.7	40.2	82	45.5	94	12	80-138/31
135-98-8	sec-Butylbenzene	ND		48.7	46.1	95	59.7	123	26	82-132/29
98-06-6	tert-Butylbenzene	ND		48.7	46.6	96	66.1	136*	35*	79-130/29
108-90-7	Chlorobenzene	ND		48.7	49.0	101	50.8	104	4	83-122/23
75-00-3	Chloroethane	ND		48.7	52.0	107	50.7	104	3	61-153/31
67-66-3	Chloroform	ND		48.7	49.9	102	50.2	103	1	79-129/27
544-10-5	1-Chlorohexane	ND		48.7	48.7	100	50.4	104	3	85-137/29
95-49-8	o-Chlorotoluene	ND		48.7	47.2	97	59.2	122	23	77-123/31
106-43-4	p-Chlorotoluene	ND		48.7	46.1	95	55.3	114	18	78-129/29
110-75-8	2-Chloroethyl vinyl ether	ND		244	220	90	223	92	1	52-142/25
75-15-0	Carbon disulfide	ND		48.7	56.1	115	56.2	116	0	61-142/27
56-23-5	Carbon tetrachloride	ND		48.7	52.4	108	54.4	112	4	79-135/29
75-34-3	1,1-Dichloroethane	ND		48.7	52.2	107	53.2	109	2	77-132/26
75-35-4	1,1-Dichloroethylene	ND		48.7	55.0	113	56.2	116	2	66-132/27
563-58-6	1,1-Dichloropropene	ND		48.7	52.9	109	52.6	108	1	81-133/26
96-12-8	1,2-Dibromo-3-chloropropane	ND		48.7	32.5	67	42.4	87	26	67-129/29
106-93-4	1,2-Dibromoethane	ND		48.7	40.9	84	44.5	91	8	77-126/24
107-06-2	1,2-Dichloroethane	ND		48.7	42.4	87	43.0	88	1	78-129/24
78-87-5	1,2-Dichloropropane	ND		48.7	47.4	97	48.8	100	3	74-127/27
142-28-9	1,3-Dichloropropane	ND		48.7	43.8	90	46.0	95	5	78-118/26
594-20-7	2,2-Dichloropropane	ND		48.7	49.0	101	49.6	102	1	80-137/28
124-48-1	Dibromochloromethane	ND		48.7	43.5	89	45.4	93	4	78-117/27
75-71-8	Dichlorodifluoromethane	ND		48.7	53.9	111	53.2	109	1	35-162/30
156-59-2	cis-1,2-Dichloroethylene	ND		48.7	48.0	98	49.4	102	3	74-123/26
10061-01-5	cis-1,3-Dichloropropene	ND		48.7	44.8	92	44.8	92	0	79-130/23

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F68565
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F68688-6MS	G0060827.D	1	10/13/09	MM	n/a	n/a	VG2295
F68688-6MSD	G0060828.D	1	10/13/09	MM	n/a	n/a	VG2295
F68688-6	G0060826.D	1	10/13/09	MM	n/a	n/a	VG2295

The QC reported here applies to the following samples: **Method:** SW846 8260B

F68565-1, F68565-2, F68565-3

CAS No.	Compound	F68688-6 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
1476-11-5	cis-1,4-Dichloro-2-Butene	ND		48.7	37.3	77	42.4	87	13	71-126/28
541-73-1	m-Dichlorobenzene	ND		48.7	43.2	89	48.5	100	12	82-126/29
95-50-1	o-Dichlorobenzene	ND		48.7	43.2	89	48.2	99	11	83-123/28
106-46-7	p-Dichlorobenzene	ND		48.7	42.4	87	47.2	97	11	84-124/28
156-60-5	trans-1,2-Dichloroethylene	ND		48.7	54.4	112	53.1	109	2	77-129/27
10061-02-6	trans-1,3-Dichloropropene	ND		48.7	45.4	93	47.3	97	4	87-131/27
100-41-4	Ethylbenzene	ND		48.7	52.4	108	55.1	113	5	82-124/25
97-63-2	Ethyl methacrylate	ND		48.7	15.6	32*	14.5	30*	7	78-118/30
76-13-1	Freon 113	ND		48.7	43.6	89	59.9	123	31*	62-147/29
591-78-6	2-Hexanone	ND		244	203	83	219	90	8	67-130/29
87-68-3	Hexachlorobutadiene	ND		48.7	26.4	54*	30.7	63*	15	77-150/36
110-54-3	Hexane	ND		48.7	42.4	87	44.5	91	5	65-147/27
98-82-8	Isopropylbenzene	ND		48.7	52.7	108	57.9	119	9	82-133/27
99-87-6	p-Isopropyltoluene	ND		48.7	44.7	92	58.0	119	26	82-132/29
108-10-1	4-Methyl-2-pentanone	ND		244	209	86	235	97	12	69-125/24
126-98-7	Methacrylonitrile	ND		487	394	81	404	83	3	70-138/22
74-83-9	Methyl bromide	ND		48.7	73.5	151*	72.0	148*	2	60-146/31
74-87-3	Methyl chloride	ND		48.7	51.5	106	52.3	108	2	58-163/26
74-88-4	Methyl iodide	ND		48.7	52.2	107	50.9	105	3	66-128/27
80-62-6	Methyl methacrylate	ND		48.7	50.4	103	52.2	107	4	73-125/24
74-95-3	Methylene bromide	ND		48.7	40.6	83	41.8	86	3	75-128/26
75-09-2	Methylene chloride	ND		48.7	56.5	116	74.5	153*	27*	62-140/25
78-93-3	Methyl ethyl ketone	ND		244	171	70	185	76	8	66-134/23
1634-04-4	Methyl Tert Butyl Ether	ND		48.7	44.2	91	46.8	96	6	70-131/25
91-20-3	Naphthalene	ND		48.7	35.1	72	31.1	64	12	59-143/31
76-01-7	Pentachloroethane	ND		48.7	29.8	61*	38.4	79	25	64-156/37
107-12-0	Propionitrile	ND		487	362	74	382	79	5	73-133/23
103-65-1	n-Propylbenzene	ND		48.7	49.4	101	64.3	132*	26	78-129/29
100-42-5	Styrene	ND		48.7	47.1	97	47.2	97	0	79-123/28
630-20-6	1,1,1,2-Tetrachloroethane	ND		48.7	49.6	102	53.1	109	7	81-121/25
71-55-6	1,1,1-Trichloroethane	ND		48.7	52.8	108	55.4	114	5	80-133/27
79-34-5	1,1,2,2-Tetrachloroethane	ND		48.7	40.0	82	52.9	109	28	70-128/30
79-00-5	1,1,2-Trichloroethane	ND		48.7	43.6	89	48.7	100	11	76-118/28
87-61-6	1,2,3-Trichlorobenzene	ND		48.7	33.4	69*	28.0	58*	18	78-136/34
96-18-4	1,2,3-Trichloropropane	ND		48.7	37.4	77	49.0	101	27	74-125/30
120-82-1	1,2,4-Trichlorobenzene	ND		48.7	33.6	69*	29.5	61*	13	82-137/32

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F68565
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F68688-6MS	G0060827.D	1	10/13/09	MM	n/a	n/a	VG2295
F68688-6MSD	G0060828.D	1	10/13/09	MM	n/a	n/a	VG2295
F68688-6	G0060826.D	1	10/13/09	MM	n/a	n/a	VG2295

The QC reported here applies to the following samples: **Method:** SW846 8260B

F68565-1, F68565-2, F68565-3

CAS No.	Compound	F68688-6 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
95-63-6	1,2,4-Trimethylbenzene	ND		48.7	48.6	100	61.4	126	23	77-129/29
108-67-8	1,3,5-Trimethylbenzene	ND		48.7	48.8	100	63.8	131*	27	79-129/31
127-18-4	Tetrachloroethylene	ND		48.7	64.4	132	73.1	150*	13	79-132/27
108-88-3	Toluene	ND		48.7	53.3	109	58.6	120	9	80-123/26
79-01-6	Trichloroethylene	ND		48.7	50.6	104	53.7	110	6	78-132/28
75-69-4	Trichlorofluoromethane	ND		48.7	52.3	107	54.4	112	4	67-149/29
110-57-6	Trans-1,4-Dichloro-2-Butene	ND		48.7	83.4	171*	103	212*	21	74-138/30
75-01-4	Vinyl chloride	ND		48.7	50.6	104	51.8	106	2	60-145/29
108-05-4	Vinyl Acetate	ND		244	68.3	28	49.1	20*	33	25-164/35
	m,p-Xylene	ND		97.5	105	108	114	117	8	82-128/25
95-47-6	o-Xylene	ND		48.7	50.0	103	55.2	113	10	82-126/25

CAS No.	Surrogate Recoveries	MS	MSD	F68688-6	Limits
1868-53-7	Dibromofluoromethane	100%	98%	99%	80-121%
2037-26-5	Toluene-D8	102%	106%	99%	71-130%
460-00-4	4-Bromofluorobenzene	98%	111%	107%	59-148%
17060-07-0	1,2-Dichloroethane-D4	89%	90%	104%	77-123%

GC/MS Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F68565
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30533-MB	U014602.D	1	10/13/09	NAF	10/09/09	OP30533	SU708

The QC reported here applies to the following samples: **Method:** SW846 8270C

F68565-1, F68565-2

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	830	330	ug/kg	
95-57-8	2-Chlorophenol	ND	170	33	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	33	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	33	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	33	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	830	330	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	330	110	ug/kg	
95-48-7	2-Methylphenol	ND	170	33	ug/kg	
	3&4-Methylphenol	ND	170	33	ug/kg	
88-75-5	2-Nitrophenol	ND	170	33	ug/kg	
100-02-7	4-Nitrophenol	ND	830	330	ug/kg	
87-86-5	Pentachlorophenol	ND	830	330	ug/kg	
108-95-2	Phenol	ND	170	33	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	33	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	33	ug/kg	
83-32-9	Acenaphthene	ND	170	33	ug/kg	
208-96-8	Acenaphthylene	ND	170	33	ug/kg	
120-12-7	Anthracene	ND	170	33	ug/kg	
92-87-5	Benzidine	ND	1700	830	ug/kg	
56-55-3	Benzo(a)anthracene	ND	170	33	ug/kg	
50-32-8	Benzo(a)pyrene	ND	170	33	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	170	33	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	170	33	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	170	33	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	170	33	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	330	67	ug/kg	
100-51-6	Benzyl Alcohol	ND	170	33	ug/kg	
91-58-7	2-Chloronaphthalene	ND	170	33	ug/kg	
106-47-8	4-Chloroaniline	ND	170	67	ug/kg	
218-01-9	Chrysene	ND	170	33	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	170	33	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	170	33	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	170	33	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	33	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	170	43	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	170	43	ug/kg	

Method Blank Summary

Job Number: F68565
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30533-MB	U014602.D	1	10/13/09	NAF	10/09/09	OP30533	SU708

The QC reported here applies to the following samples: **Method:** SW846 8270C

F68565-1, F68565-2

CAS No.	Compound	Result	RL	MDL	Units	Q
106-46-7	1,4-Dichlorobenzene	ND	170	40	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	170	33	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	170	33	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	330	67	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	33	ug/kg	
132-64-9	Dibenzofuran	ND	170	33	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	330	67	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	330	67	ug/kg	
84-66-2	Diethyl phthalate	ND	330	170	ug/kg	
131-11-3	Dimethyl phthalate	ND	330	67	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	330	170	ug/kg	
206-44-0	Fluoranthene	ND	170	33	ug/kg	
86-73-7	Fluorene	ND	170	33	ug/kg	
118-74-1	Hexachlorobenzene	ND	170	33	ug/kg	
87-68-3	Hexachlorobutadiene	ND	170	33	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	170	33	ug/kg	
67-72-1	Hexachloroethane	ND	170	40	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	33	ug/kg	
78-59-1	Isophorone	ND	170	33	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	33	ug/kg	
88-74-4	2-Nitroaniline	ND	330	67	ug/kg	
99-09-2	3-Nitroaniline	ND	330	67	ug/kg	
100-01-6	4-Nitroaniline	ND	330	67	ug/kg	
91-20-3	Naphthalene	ND	170	33	ug/kg	
98-95-3	Nitrobenzene	ND	170	33	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	170	33	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	67	ug/kg	
85-01-8	Phenanthrene	ND	170	33	ug/kg	
129-00-0	Pyrene	ND	170	33	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	170	33	ug/kg	

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	76%	40-102%
4165-62-2	Phenol-d5	93%	41-100%

Method Blank Summary

Job Number: F68565
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30533-MB	U014602.D	1	10/13/09	NAF	10/09/09	OP30533	SU708

The QC reported here applies to the following samples: **Method:** SW846 8270C

F68565-1, F68565-2

CAS No.	Surrogate Recoveries		Limits
118-79-6	2,4,6-Tribromophenol	84%	42-108%
4165-60-0	Nitrobenzene-d5	69%	40-105%
321-60-8	2-Fluorobiphenyl	66%	43-107%
1718-51-0	Terphenyl-d14	76%	45-119%

Method Blank Summary

Job Number: F68565
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30533-MB	X007986.D	1	10/14/09	NAF	10/09/09	OP30533	SX422

The QC reported here applies to the following samples: **Method:** SW846 8270C

F68565-1, F68565-2

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	830	330	ug/kg	
95-57-8	2-Chlorophenol	ND	170	33	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	33	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	33	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	33	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	830	330	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	330	110	ug/kg	
95-48-7	2-Methylphenol	ND	170	33	ug/kg	
	3&4-Methylphenol	ND	170	33	ug/kg	
88-75-5	2-Nitrophenol	ND	170	33	ug/kg	
100-02-7	4-Nitrophenol	ND	830	330	ug/kg	
87-86-5	Pentachlorophenol	ND	830	330	ug/kg	
108-95-2	Phenol	ND	170	33	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	33	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	33	ug/kg	
83-32-9	Acenaphthene	ND	170	33	ug/kg	
208-96-8	Acenaphthylene	ND	170	33	ug/kg	
120-12-7	Anthracene	ND	170	33	ug/kg	
92-87-5	Benzidine	ND	1700	830	ug/kg	
56-55-3	Benzo(a)anthracene	ND	170	33	ug/kg	
50-32-8	Benzo(a)pyrene	ND	170	33	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	170	33	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	170	33	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	170	33	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	170	33	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	330	67	ug/kg	
100-51-6	Benzyl Alcohol	ND	170	33	ug/kg	
91-58-7	2-Chloronaphthalene	ND	170	33	ug/kg	
106-47-8	4-Chloroaniline	ND	170	67	ug/kg	
218-01-9	Chrysene	ND	170	33	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	170	33	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	170	33	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	170	33	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	33	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	170	43	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	170	43	ug/kg	

Method Blank Summary

Job Number: F68565
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30533-MB	X007986.D	1	10/14/09	NAF	10/09/09	OP30533	SX422

The QC reported here applies to the following samples: **Method:** SW846 8270C

F68565-1, F68565-2

CAS No.	Compound	Result	RL	MDL	Units	Q
106-46-7	1,4-Dichlorobenzene	ND	170	40	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	170	33	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	170	33	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	330	67	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	33	ug/kg	
132-64-9	Dibenzofuran	ND	170	33	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	330	67	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	330	67	ug/kg	
84-66-2	Diethyl phthalate	ND	330	170	ug/kg	
131-11-3	Dimethyl phthalate	ND	330	67	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	330	170	ug/kg	
206-44-0	Fluoranthene	ND	170	33	ug/kg	
86-73-7	Fluorene	ND	170	33	ug/kg	
118-74-1	Hexachlorobenzene	ND	170	33	ug/kg	
87-68-3	Hexachlorobutadiene	ND	170	33	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	170	33	ug/kg	
67-72-1	Hexachloroethane	ND	170	40	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	33	ug/kg	
78-59-1	Isophorone	ND	170	33	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	33	ug/kg	
88-74-4	2-Nitroaniline	ND	330	67	ug/kg	
99-09-2	3-Nitroaniline	ND	330	67	ug/kg	
100-01-6	4-Nitroaniline	ND	330	67	ug/kg	
91-20-3	Naphthalene	ND	170	33	ug/kg	
98-95-3	Nitrobenzene	ND	170	33	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	170	33	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	67	ug/kg	
85-01-8	Phenanthrene	ND	170	33	ug/kg	
129-00-0	Pyrene	ND	170	33	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	170	33	ug/kg	

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	72%	40-102%
4165-62-2	Phenol-d5	73%	41-100%

Method Blank Summary

Job Number: F68565
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30533-MB	X007986.D	1	10/14/09	NAF	10/09/09	OP30533	SX422

The QC reported here applies to the following samples: **Method:** SW846 8270C

F68565-1, F68565-2

CAS No.	Surrogate Recoveries		Limits
118-79-6	2,4,6-Tribromophenol	85%	42-108%
4165-60-0	Nitrobenzene-d5	72%	40-105%
321-60-8	2-Fluorobiphenyl	72%	43-107%
1718-51-0	Terphenyl-d14	84%	45-119%

Method Blank Summary

Job Number: F68565
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30533-MB	X008016.D	1	10/15/09	NAF	10/09/09	OP30533	SX423

The QC reported here applies to the following samples: **Method:** SW846 8270C

F68565-1, F68565-2

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	830	330	ug/kg	
95-57-8	2-Chlorophenol	ND	170	33	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	33	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	33	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	33	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	830	330	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	330	110	ug/kg	
95-48-7	2-Methylphenol	ND	170	33	ug/kg	
	3&4-Methylphenol	ND	170	33	ug/kg	
88-75-5	2-Nitrophenol	ND	170	33	ug/kg	
100-02-7	4-Nitrophenol	ND	830	330	ug/kg	
87-86-5	Pentachlorophenol	ND	830	330	ug/kg	
108-95-2	Phenol	ND	170	33	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	33	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	33	ug/kg	
83-32-9	Acenaphthene	ND	170	33	ug/kg	
208-96-8	Acenaphthylene	ND	170	33	ug/kg	
120-12-7	Anthracene	ND	170	33	ug/kg	
92-87-5	Benzidine	ND	1700	830	ug/kg	
56-55-3	Benzo(a)anthracene	ND	170	33	ug/kg	
50-32-8	Benzo(a)pyrene	ND	170	33	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	170	33	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	170	33	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	170	33	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	170	33	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	330	67	ug/kg	
100-51-6	Benzyl Alcohol	ND	170	33	ug/kg	
91-58-7	2-Chloronaphthalene	ND	170	33	ug/kg	
106-47-8	4-Chloroaniline	ND	170	67	ug/kg	
218-01-9	Chrysene	ND	170	33	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	170	33	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	170	33	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	170	33	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	33	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	170	43	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	170	43	ug/kg	

Method Blank Summary

Job Number: F68565
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30533-MB	X008016.D	1	10/15/09	NAF	10/09/09	OP30533	SX423

The QC reported here applies to the following samples: **Method:** SW846 8270C

F68565-1, F68565-2

CAS No.	Compound	Result	RL	MDL	Units	Q
106-46-7	1,4-Dichlorobenzene	ND	170	40	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	170	33	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	170	33	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	330	67	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	33	ug/kg	
132-64-9	Dibenzofuran	ND	170	33	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	330	67	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	330	67	ug/kg	
84-66-2	Diethyl phthalate	ND	330	170	ug/kg	
131-11-3	Dimethyl phthalate	ND	330	67	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	330	170	ug/kg	
206-44-0	Fluoranthene	ND	170	33	ug/kg	
86-73-7	Fluorene	ND	170	33	ug/kg	
118-74-1	Hexachlorobenzene	ND	170	33	ug/kg	
87-68-3	Hexachlorobutadiene	ND	170	33	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	170	33	ug/kg	
67-72-1	Hexachloroethane	ND	170	40	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	33	ug/kg	
78-59-1	Isophorone	ND	170	33	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	33	ug/kg	
88-74-4	2-Nitroaniline	ND	330	67	ug/kg	
99-09-2	3-Nitroaniline	ND	330	67	ug/kg	
100-01-6	4-Nitroaniline	ND	330	67	ug/kg	
91-20-3	Naphthalene	ND	170	33	ug/kg	
98-95-3	Nitrobenzene	ND	170	33	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	170	33	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	67	ug/kg	
85-01-8	Phenanthrene	ND	170	33	ug/kg	
129-00-0	Pyrene	ND	170	33	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	170	33	ug/kg	

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	71%	40-102%
4165-62-2	Phenol-d5	74%	41-100%

Method Blank Summary

Job Number: F68565
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30533-MB	X008016.D	1	10/15/09	NAF	10/09/09	OP30533	SX423

The QC reported here applies to the following samples: **Method:** SW846 8270C

F68565-1, F68565-2

CAS No.	Surrogate Recoveries		Limits
118-79-6	2,4,6-Tribromophenol	83%	42-108%
4165-60-0	Nitrobenzene-d5	73%	40-105%
321-60-8	2-Fluorobiphenyl	71%	43-107%
1718-51-0	Terphenyl-d14	82%	45-119%

Blank Spike Summary

Job Number: F68565
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30533-BS	U014601.D	1	10/13/09	NAF	10/09/09	OP30533	SU708

The QC reported here applies to the following samples: **Method:** SW846 8270C

F68565-1, F68565-2

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
65-85-0	Benzoic acid	3330	2380	71	44-116
95-57-8	2-Chlorophenol	1670	1550	93	54-97
59-50-7	4-Chloro-3-methyl phenol	1670	1640	98	59-102
120-83-2	2,4-Dichlorophenol	1670	1580	95	60-101
105-67-9	2,4-Dimethylphenol	1670	1360	82	49-89
51-28-5	2,4-Dinitrophenol	3330	1430	43	39-107
534-52-1	4,6-Dinitro-o-cresol	3330	2260	68	58-109
95-48-7	2-Methylphenol	1670	1500	90	53-94
	3&4-Methylphenol	3330	3080	92	54-95
88-75-5	2-Nitrophenol	1670	1510	91	55-96
100-02-7	4-Nitrophenol	3330	3000	90	56-106
87-86-5	Pentachlorophenol	3330	3350	101	50-115
108-95-2	Phenol	1670	1620	97	55-99
95-95-4	2,4,5-Trichlorophenol	1670	1510	91	60-101
88-06-2	2,4,6-Trichlorophenol	1670	1650	99	60-100
83-32-9	Acenaphthene	1670	1470	88	59-97
208-96-8	Acenaphthylene	1670	1400	84	58-98
120-12-7	Anthracene	1670	1390	83	61-104
56-55-3	Benzo(a)anthracene	1670	1520	91	60-106
50-32-8	Benzo(a)pyrene	1670	1460	88	59-102
205-99-2	Benzo(b)fluoranthene	1670	1450	87	60-107
191-24-2	Benzo(g,h,i)perylene	1670	1690	101	56-103
207-08-9	Benzo(k)fluoranthene	1670	1510	91	61-107
101-55-3	4-Bromophenyl phenyl ether	1670	1490	89	60-104
85-68-7	Butyl benzyl phthalate	1670	1480	89	57-110
100-51-6	Benzyl Alcohol	1670	1540	92	51-102
91-58-7	2-Chloronaphthalene	1670	1400	84	57-95
106-47-8	4-Chloroaniline	1670	1010	61	19-85
218-01-9	Chrysene	1670	1520	91	60-107
111-91-1	bis(2-Chloroethoxy)methane	1670	1480	89	51-89
111-44-4	bis(2-Chloroethyl)ether	1670	1460	88	50-96
108-60-1	bis(2-Chloroisopropyl)ether	1670	1390	83	44-94
7005-72-3	4-Chlorophenyl phenyl ether	1670	1490	89	60-101
95-50-1	1,2-Dichlorobenzene	1670	1240	74	47-91
541-73-1	1,3-Dichlorobenzene	1670	1140	68	45-86
106-46-7	1,4-Dichlorobenzene	1670	1180	71	45-88

Blank Spike Summary

Job Number: F68565
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30533-BS	U014601.D	1	10/13/09	NAF	10/09/09	OP30533	SU708

The QC reported here applies to the following samples: **Method:** SW846 8270C

F68565-1, F68565-2

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
121-14-2	2,4-Dinitrotoluene	1670	1470	88	59-103
606-20-2	2,6-Dinitrotoluene	1670	1470	88	57-99
91-94-1	3,3'-Dichlorobenzidine	1670	994	60	34-88
53-70-3	Dibenzo(a,h)anthracene	1670	1710	103	57-105
132-64-9	Dibenzofuran	1670	1440	86	58-103
84-74-2	Di-n-butyl phthalate	1670	1500	90	59-105
117-84-0	Di-n-octyl phthalate	1670	1360	82	59-117
84-66-2	Diethyl phthalate	1670	1570	94	59-106
131-11-3	Dimethyl phthalate	1670	1530	92	60-100
117-81-7	bis(2-Ethylhexyl)phthalate	1670	1480	89	57-111
206-44-0	Fluoranthene	1670	1520	91	60-110
86-73-7	Fluorene	1670	1510	91	60-99
118-74-1	Hexachlorobenzene	1670	1410	85	58-103
87-68-3	Hexachlorobutadiene	1670	1300	78	49-95
77-47-4	Hexachlorocyclopentadiene	1670	1180	71	36-94
67-72-1	Hexachloroethane	1670	1170	70	44-89
193-39-5	Indeno(1,2,3-cd)pyrene	1670	1650	99	57-104
78-59-1	Isophorone	1670	1330	80	58-97
91-57-6	2-Methylnaphthalene	1670	1420	85	57-103
88-74-4	2-Nitroaniline	1670	1560	94	53-106
99-09-2	3-Nitroaniline	1670	1100	66	29-85
100-01-6	4-Nitroaniline	1670	1420	85	49-104
91-20-3	Naphthalene	1670	1340	80	54-93
98-95-3	Nitrobenzene	1670	1360	82	53-92
621-64-7	N-Nitroso-di-n-propylamine	1670	1430	86	49-94
86-30-6	N-Nitrosodiphenylamine	1670	1320	79	53-107
85-01-8	Phenanthrene	1670	1520	91	61-103
129-00-0	Pyrene	1670	1450	87	58-109
120-82-1	1,2,4-Trichlorobenzene	1670	1260	76	52-93

CAS No.	Surrogate Recoveries	BSP	Limits
367-12-4	2-Fluorophenol	85%	40-102%
4165-62-2	Phenol-d5	103%*	41-100%
118-79-6	2,4,6-Tribromophenol	85%	42-108%

Blank Spike Summary

Job Number: F68565
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30533-BS	U014601.D	1	10/13/09	NAF	10/09/09	OP30533	SU708

The QC reported here applies to the following samples: **Method:** SW846 8270C

F68565-1, F68565-2

CAS No.	Surrogate Recoveries	BSP	Limits
4165-60-0	Nitrobenzene-d5	81%	40-105%
321-60-8	2-Fluorobiphenyl	76%	43-107%
1718-51-0	Terphenyl-d14	71%	45-119%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F68565
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30533-MS	U014620.D	1	10/13/09	NAF	10/09/09	OP30533	SU708
OP30533-MSD	U014621.D	1	10/13/09	NAF	10/09/09	OP30533	SU708
F68576-3	U014619.D	1	10/13/09	NAF	10/09/09	OP30533	SU708

The QC reported here applies to the following samples: **Method:** SW846 8270C

F68565-1, F68565-2

CAS No.	Compound	F68576-3 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
65-85-0	Benzoic acid	950 U		3810	2240	59	2120	56	6	44-116/36
95-57-8	2-Chlorophenol	190 U		1900	1240	65	1240	66	0	54-97/31
59-50-7	4-Chloro-3-methyl phenol	190 U		1900	1700	89	1680	89	1	59-102/27
120-83-2	2,4-Dichlorophenol	190 U		1900	1410	74	1430	76	1	60-101/30
105-67-9	2,4-Dimethylphenol	190 U		1900	1200	63	1250	66	4	49-89/31
51-28-5	2,4-Dinitrophenol	950 U		3810	ND	0*	ND	0*	nc	39-107/40
534-52-1	4,6-Dinitro-o-cresol	380 U		3810	418	11*	450	12*	7	58-109/37
95-48-7	2-Methylphenol	190 U		1900	1250	66	1340	71	7	53-94/29
	3&4-Methylphenol	190 U		3810	2730	72	2790	74	2	54-95/31
88-75-5	2-Nitrophenol	190 U		1900	879	46*	917	49*	4	55-96/30
100-02-7	4-Nitrophenol	950 U		3810	2740	72	2580	68	6	56-106/29
87-86-5	Pentachlorophenol	950 U		3810	3040	80	2780	74	9	50-115/33
108-95-2	Phenol	190 U		1900	1280	67	1250	66	2	55-99/28
95-95-4	2,4,5-Trichlorophenol	190 U		1900	1500	79	1520	81	1	60-101/28
88-06-2	2,4,6-Trichlorophenol	190 U		1900	1550	81	1560	83	1	60-100/27
83-32-9	Acenaphthene	190 U		1900	1320	69	1390	74	5	59-97/29
208-96-8	Acenaphthylene	190 U		1900	1250	66	1290	68	3	58-98/30
120-12-7	Anthracene	190 U		1900	1330	70	1340	71	1	61-104/29
56-55-3	Benzo(a)anthracene	190 U		1900	1440	76	1420	75	1	60-106/31
50-32-8	Benzo(a)pyrene	190 U		1900	1370	72	1360	72	1	59-102/32
205-99-2	Benzo(b)fluoranthene	47.4	J	1900	1450	74	1430	73	1	60-107/31
191-24-2	Benzo(g,h,i)perylene	190 U		1900	1430	75	1480	78	3	56-103/32
207-08-9	Benzo(k)fluoranthene	190 U		1900	1460	77	1440	76	1	61-107/30
101-55-3	4-Bromophenyl phenyl ether	190 U		1900	1210	64	1280	68	6	60-104/26
85-68-7	Butyl benzyl phthalate	380 U		1900	1340	70	1280	68	5	57-110/28
100-51-6	Benzyl Alcohol	190 U		1900	1470	77	1280	68	14	51-102/34
91-58-7	2-Chloronaphthalene	190 U		1900	1170	61	1210	64	3	57-95/28
106-47-8	4-Chloroaniline	190 U		1900	1300	68	1180	63	10	19-85/34
218-01-9	Chrysene	190 U		1900	1460	77	1440	76	1	60-107/31
111-91-1	bis(2-Chloroethoxy)methane	190 U		1900	1210	64	1260	67	4	51-89/30
111-44-4	bis(2-Chloroethyl)ether	190 U		1900	1020	54	1140	60	11	50-96/33
108-60-1	bis(2-Chloroisopropyl)ether	190 U		1900	1060	56	1220	65	14	44-94/32
7005-72-3	4-Chlorophenyl phenyl ether	190 U		1900	1420	75	1440	76	1	60-101/26
95-50-1	1,2-Dichlorobenzene	190 U		1900	886	47	1020	54	14	47-91/35
541-73-1	1,3-Dichlorobenzene	190 U		1900	802	42*	981	52	20	45-86/36
106-46-7	1,4-Dichlorobenzene	190 U		1900	805	42*	958	51	17	45-88/36

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F68565
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30533-MS	U014620.D	1	10/13/09	NAF	10/09/09	OP30533	SU708
OP30533-MSD	U014621.D	1	10/13/09	NAF	10/09/09	OP30533	SU708
F68576-3	U014619.D	1	10/13/09	NAF	10/09/09	OP30533	SU708

The QC reported here applies to the following samples: **Method:** SW846 8270C

F68565-1, F68565-2

CAS No.	Compound	F68576-3 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
121-14-2	2,4-Dinitrotoluene	190 U		1900	1110	58*	1090	58*	2	59-103/30
606-20-2	2,6-Dinitrotoluene	190 U		1900	1110	58	1120	59	1	57-99/30
91-94-1	3,3'-Dichlorobenzidine	380 U		1900	962	51	994	53	3	34-88/31
53-70-3	Dibenzo(a,h)anthracene	190 U		1900	1450	76	1480	78	2	57-105/29
132-64-9	Dibenzofuran	190 U		1900	1500	79	1390	74	8	58-103/27
84-74-2	Di-n-butyl phthalate	380 U		1900	1430	75	1470	78	3	59-105/27
117-84-0	Di-n-octyl phthalate	380 U		1900	1510	79	1380	73	9	59-117/28
84-66-2	Diethyl phthalate	380 U		1900	1490	78	1510	80	1	59-106/27
131-11-3	Dimethyl phthalate	380 U		1900	1380	72	1390	74	1	60-100/26
117-81-7	bis(2-Ethylhexyl)phthalate	380 U		1900	1410	74	1330	71	6	57-111/29
206-44-0	Fluoranthene	61.9	J	1900	1790	91	1710	87	5	60-110/32
86-73-7	Fluorene	190 U		1900	1470	77	1460	77	1	60-99/30
118-74-1	Hexachlorobenzene	190 U		1900	1190	62	1210	64	2	58-103/27
87-68-3	Hexachlorobutadiene	190 U		1900	967	51	1140	60	16	49-95/33
77-47-4	Hexachlorocyclopentadiene	190 U		1900	67.6	4*	111	6*	49*	36-94/41
67-72-1	Hexachloroethane	190 U		1900	668	35*	819	43*	20	44-89/38
193-39-5	Indeno(1,2,3-cd)pyrene	190 U		1900	1430	75	1460	77	2	57-104/33
78-59-1	Isophorone	190 U		1900	1070	56*	1130	60	5	58-97/30
91-57-6	2-Methylnaphthalene	190 U		1900	1520	80	1390	74	9	57-103/32
88-74-4	2-Nitroaniline	380 U		1900	1440	76	1340	71	7	53-106/29
99-09-2	3-Nitroaniline	380 U		1900	1660	87*	1490	79	11	29-85/31
100-01-6	4-Nitroaniline	380 U		1900	1640	86	1490	79	10	49-104/31
91-20-3	Naphthalene	190 U		1900	1080	57	1150	61	6	54-93/32
98-95-3	Nitrobenzene	190 U		1900	1050	55	1130	60	7	53-92/32
621-64-7	N-Nitroso-di-n-propylamine	190 U		1900	1120	59	1210	64	8	49-94/28
86-30-6	N-Nitrosodiphenylamine	190 U		1900	1080	57	1150	61	6	53-107/28
85-01-8	Phenanthrene	190 U		1900	1450	76	1450	77	0	61-103/32
129-00-0	Pyrene	42.2	J	1900	1350	69	1250	64	8	58-109/33
120-82-1	1,2,4-Trichlorobenzene	190 U		1900	996	52	1080	57	8	52-93/32

CAS No.	Surrogate Recoveries	MS	MSD	F68576-3	Limits
367-12-4	2-Fluorophenol	71%	63%	67%	40-102%
4165-62-2	Phenol-d5	91%	81%	79%	41-100%
118-79-6	2,4,6-Tribromophenol	76%	75%	81%	42-108%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F68565
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30533-MS	U014620.D	1	10/13/09	NAF	10/09/09	OP30533	SU708
OP30533-MSD	U014621.D	1	10/13/09	NAF	10/09/09	OP30533	SU708
F68576-3	U014619.D	1	10/13/09	NAF	10/09/09	OP30533	SU708

The QC reported here applies to the following samples: **Method:** SW846 8270C

F68565-1, F68565-2

CAS No.	Surrogate Recoveries	MS	MSD	F68576-3	Limits
4165-60-0	Nitrobenzene-d5	66%	59%	65%	40-105%
321-60-8	2-Fluorobiphenyl	65%	62%	64%	43-107%
1718-51-0	Terphenyl-d14	61%	57%	63%	45-119%

GC Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F68565
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GCD3810-MB	CD090254.D	1	10/15/09	AH	n/a	n/a	GCD3810

The QC reported here applies to the following samples: **Method:** SW846 8015

F68565-1, F68565-2

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	5.0	2.5	mg/kg	

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	71%	56-136%
98-08-8	aaa-Trifluorotoluene	70%	61-121%

Blank Spike Summary

Job Number: F68565
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GCD3810-BS	CD090253.D	1	10/15/09	AH	n/a	n/a	GCD3810

The QC reported here applies to the following samples: **Method:** SW846 8015

F68565-1, F68565-2

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH-GRO (C6-C10)	20	16.6	83	74-121

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	90%	56-136%
98-08-8	aaa-Trifluorotoluene	102%	61-121%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F68565
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F68576-3MS	CD090270.D	1	10/16/09	AH	n/a	n/a	GCD3810
F68576-3MSD	CD090271.D	1	10/16/09	AH	n/a	n/a	GCD3810
F68576-3	CD090259.D	1	10/15/09	AH	n/a	n/a	GCD3810

The QC reported here applies to the following samples: **Method:** SW846 8015

F68565-1, F68565-2

CAS No.	Compound	F68576-3 mg/kg	Q	Spike mg/kg	MS mg/kg	MS %	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	5.2	U	20.9	15.6	75	15.1	72*	3	74-121/17

CAS No.	Surrogate Recoveries	MS	MSD	F68576-3	Limits
460-00-4	4-Bromofluorobenzene	112%	94%	66%	56-136%
98-08-8	aaa-Trifluorotoluene	110%	102%	70%	61-121%

GC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F68565
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30563-MB	LL27899.D	1	10/15/09	SL	10/12/09	OP30563	GLL1059

The QC reported here applies to the following samples: **Method:** SW846 8015 M

F68565-1, F68565-2

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	8.3	5.0	mg/kg	
	TPH (> C22-C36)	ND	8.3	5.0	mg/kg	

CAS No.	Surrogate Recoveries		Limits
84-15-1	o-Terphenyl	85%	49-108%

Method Blank Summary

Job Number: F68565
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30563-MB	LL27917.D	1	10/16/09	SL	10/12/09	OP30563	GLL1060

The QC reported here applies to the following samples: **Method:** SW846 8015 M

F68565-1, F68565-2

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	8.3	5.0	mg/kg	
	TPH (> C22-C36)	ND	8.3	5.0	mg/kg	

CAS No.	Surrogate Recoveries		Limits
84-15-1	o-Terphenyl	88%	49-108%

Blank Spike Summary

Job Number: F68565
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30563-BS	LL27898.D	1	10/15/09	SL	10/12/09	OP30563	GLL1059

The QC reported here applies to the following samples: **Method:** SW846 8015 M

F68565-1, F68565-2

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH (C10-C22)	33.3	29.5	89	64-102
	TPH (> C22-C36)	33.3	31.1	93	52-131

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	87%	49-108%

8.2.1

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Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F68565
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30563-MS	LL27911.D	1	10/15/09	SL	10/12/09	OP30563	GLL1059
OP30563-MSD	LL27912.D	1	10/15/09	SL	10/12/09	OP30563	GLL1059
F68654-6	LL27910.D	1	10/15/09	SL	10/12/09	OP30563	GLL1059

The QC reported here applies to the following samples: **Method:** SW846 8015 M

F68565-1, F68565-2

CAS No.	Compound	F68654-6 mg/kg	Q	Spike mg/kg	MS mg/kg	MS %	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH (C10-C22)	17.8		42.6	41.3	55*	48.0	70	15	64-102/32
	TPH (> C22-C36)	ND		42.6	39.9	94	43.9	101	10	52-131/30

CAS No.	Surrogate Recoveries	MS	MSD	F68654-6	Limits
84-15-1	o-Terphenyl	84%	88%	83%	49-108%

8.3.1

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Southeast ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

09/29/09

Technical Report for

Nation View

Holloman AFB; WPOL

8090012.01.010

Accutest Job Number: F67531

Sampling Date: 08/24/09

Report to:

Bhate Environmental Associates, Inc.

MOlive@bhate.com

ATTN: Marcia Olive

Total number of pages in report: **155**

ACCREDITED IN ACCORDANCE WITH nelac

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

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Accutest Laboratories

Sample Summary

Nation View

Job No: F67531

Holloman AFB; WPOL
Project No: 8090012.01.010

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
F67531-1	08/24/09	09:35	DM	08/25/09	SO	Soil	WPOL-SB22-6
F67531-2	08/24/09	09:45	DM	08/25/09	SO	Soil	WPOL-SB22-10
F67531-2D	08/24/09	09:45	DM	08/25/09	SO	Soil Dup/MSD	WPOL-SB22-10
F67531-2S	08/24/09	09:45	DM	08/25/09	SO	Soil Matrix Spike	WPOL-SB22-10
F67531-3	08/24/09	10:15	DM	08/25/09	SO	Soil	WPOL-SB24-8
F67531-4	08/24/09	10:15	DM	08/25/09	SO	Soil	WPOL-SB24-8-A
F67531-5	08/24/09	10:25	DM	08/25/09	SO	Soil	WPOL-SB24-10
F67531-6	08/24/09	11:00	DM	08/25/09	SO	Soil	WPOL-SB23-6
F67531-7	08/24/09	11:00	DM	08/25/09	SO	Soil	WPOL-SB23-6-A
F67531-8	08/24/09	11:10	DM	08/25/09	SO	Soil	WPOL-SB23-10
F67531-9	08/24/09	11:45	DM	08/25/09	SO	Soil	WPOL-SB26-2
F67531-10	08/24/09	11:55	DM	08/25/09	SO	Soil	WPOL-SB26-10
F67531-11	08/24/09	09:35	DM	08/25/09	SO	Trip Blank Soil	TRIP BLANK COOLER 5

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Sample Summary
(continued)

Nation View

Job No: F67531

Holloman AFB; WPOL
Project No: 8090012.01.010

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
F67531-12	08/24/09	10:25	DM	08/25/09	SO	Trip Blank Soil	TRIP BLANK COOLER 6

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client: Nation View **Job No:** F67531

Site: Holloman AFB; WPOL **Report Date** 9/10/2009 4:03:04 PM

10 Samples, 2 Trip Blanks were collected on 08/24/2009 and received at Accutest on 08/25/2009 properly preserved, at 2.8 Deg. C and intact. These Samples received an Accutest job number of F67531. 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.

Volatiles by GCMS By Method SW846 8260B

Matrix: SO **Batch ID:** VG2256

All samples were analyzed within the recommended method holding time.

Sample(s) F67531-1MS, F67531-1MSD were used as the QC samples indicated.

Sample(s) F67531-1 have compound(s) reported with a “B” qualifier, indicating analyte is found in the associated method blank.

Blank Spike Recovery(s) for Carbon disulfide, Methyl iodide, Trans-1,4-Dichloro-2-Butene are outside control limits. Recovered above upper control limit, not detected in the samples, data integrity not adversely affected.

Matrix Spike Recovery(s) for Carbon disulfide, Ethyl methacrylate, Methyl bromide, Methylene chloride, Pentachloroethane, Trans-1,4-Dichloro-2-Butene are outside control limits. Probable cause due to matrix interference.

Matrix Spike Duplicate Recovery(s) for Carbon disulfide, Ethyl methacrylate, Methyl bromide, Methylene chloride, Pentachloroethane, Trans-1,4-Dichloro-2-Butene are outside control limits. Probable cause due to matrix interference.

Sample(s) F67564-1MS, F67564-1MSD have surrogates outside control limits. Probable cause due to matrix interference.

F67531-1: Methanol extract analysis required due to matrix interference.

F67531-1: Confirmation run.

F67531-1 for Methylene chloride: Suspected laboratory contaminant.

Matrix: SO **Batch ID:** VG2257

All samples were analyzed within the recommended method holding time.

Sample(s) F67564-1MS, F67564-1MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

Blank Spike Recovery(s) for 1,1-Dichloroethylene, Acrylonitrile, Allyl chloride, Carbon disulfide, Methyl iodide, Trans-1,4-Dichloro-2-Butene are outside control limits. Recovered above upper control limit, not detected in the samples, data integrity not adversely affected.

Matrix Spike Recovery(s) for 1,1,1,2-Tetrachloroethane, 1,1,2,2-Tetrachloroethane, 1,1,2-Trichloroethane, 1,1-Dichloroethylene, 1,2,3-Trichloropropane, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, Acrolein, Acrylonitrile, Bromoform, Chlorobenzene, cis-1,3-Dichloropropene, Dibromochloromethane, Ethyl methacrylate, Ethylbenzene, Methyl bromide, Methyl iodide, Methyl methacrylate, Pentachloroethane, Styrene, trans-1,3-Dichloropropene, Trichloroethylene, Vinyl Acetate, Xylene (total) are outside control limits. Probable cause due to matrix interference.

Matrix Spike Duplicate Recovery(s) for 1,1,1,2-Tetrachloroethane, 1,1,2,2-Tetrachloroethane, 1,1,2-Trichloroethane, 1,1-Dichloroethylene, 1,2,3-Trichloropropane, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, Acrolein, Acrylonitrile, Bromodichloromethane, Bromoform, Chlorobenzene, cis-1,3-Dichloropropene, Dibromochloromethane, Ethyl methacrylate, Ethylbenzene, Methyl bromide, Methyl iodide, Methyl methacrylate, Pentachloroethane, Styrene, trans-1,3-Dichloropropene, Trans-1,4-Dichloro-2-Butene, Trichloroethylene, Vinyl Acetate, Xylene (total) are outside control limits. Probable cause due to matrix interference.

RPD(s) for MSD for Acrylonitrile, Methyl methacrylate are outside control limits for sample F67564-1MSD. Probable cause due to sample homogeneity.

Sample(s) F67564-1MS, F67564-1MSD have surrogates outside control limits. Probable cause due to matrix interference.

Matrix: SO **Batch ID:** VH2132

All samples were analyzed within the recommended method holding time.

Sample(s) F67531-2MS, F67531-2MSD were used as the QC samples indicated.

Sample(s) F67531-10, F67531-11, F67531-12, F67531-2, F67531-3, F67531-4, F67531-5 have compound(s) reported with a “B” qualifier, indicating analyte is found in the associated method blank.

Blank Spike Recovery(s) for Acetone, Acetonitrile, Acrylonitrile, Methacrylonitrile, Methyl ethyl ketone, Methyl methacrylate, Propionitrile, Trans-1,4-Dichloro-2-Butene, Vinyl Acetate are outside control limits. Recovered above upper control limit, not

detected in the samples, data integrity not adversely affected.

Matrix Spike Recovery(s) for 1,2,3-Trichloropropane, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, 2-Hexanone, 4-Methyl-2-pentanone, Acrolein, Bromoform, Dibromochloromethane, Ethyl methacrylate, Methyl ethyl ketone, Methylene chloride, Pentachloroethane, Propionitrile, Tetrachloroethylene, trans-1,3-Dichloropropene, Trans-1,4-Dichloro-2-Butene are outside control limits. Probable cause due to matrix interference.

Matrix Spike Duplicate Recovery(s) for 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, Acrolein, Bromoform, Dibromochloromethane, Ethyl methacrylate, Methyl ethyl ketone, Methylene chloride, Pentachloroethane, Tetrachloroethylene, trans-1,3-Dichloropropene, Trans-1,4-Dichloro-2-Butene are outside control limits. Probable cause due to matrix interference.

Sample(s) F67564-1MS, F67564-1MSD have surrogates outside control limits. Probable cause due to matrix interference.

F67531-11 for Methylene chloride: Suspected laboratory contaminant.

F67531-4 for Methylene chloride: Suspected laboratory contaminant.

F67531-10 for Methylene chloride: Suspected laboratory contaminant.

F67531-5 for Methylene chloride: Suspected laboratory contaminant.

F67531-4 for Carbon disulfide: CCV outside of control limits; results may be biased low.

F67531-12 for Methylene chloride: Suspected laboratory contaminant.

F67531-3 for Carbon disulfide: CCV outside of control limits; results may be biased low.

F67531-2 for Methylene chloride: Suspected laboratory contaminant.

F67531-3 for Methylene chloride: Suspected laboratory contaminant.

Extractables by GCMS By Method SW846 8270C

Matrix: SO **Batch ID:** OP30114

All samples were extracted within the recommended method holding time.

All samples were analyzed within the recommended method holding time.

Sample(s) F67531-2MS, F67531-2MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

Matrix Spike Recovery(s) for 2,4-Dinitrophenol, 4,6-Dinitro-o-cresol, Benzoic acid, Hexachlorocyclopentadiene are outside control limits. Probable cause due to matrix interference.

Matrix Spike Duplicate Recovery(s) for 2,4-Dinitrophenol, 4,6-Dinitro-o-cresol, Benzoic acid are outside control limits. Probable cause due to matrix interference.

Sample(s) F67531-1 have surrogates outside control limits. Probable cause due to matrix interference.

F67531-1 for Nitrobenzene-d5: Outside control limits due to matrix interference.

Volatiles by GC By Method SW846 8015

Matrix: SO **Batch ID:** GCD3785

All samples were analyzed within the recommended method holding time.

Sample(s) F67531-2MS, F67531-2MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

Sample(s) F67526-3MS, F67526-3MSD have surrogates outside control limits. Probable cause due to matrix interference.

Matrix: SO **Batch ID:** GCD3787

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Sample(s) F67526-3MS, F67526-3MSD were used as the QC samples indicated.

Matrix Spike Recovery(s) for TPH-GRO (C6-C10) are outside control limits. Probable cause due to matrix interference.

Sample(s) F67526-3MS, F67526-3MSD have surrogates outside control limits. Probable cause due to matrix interference.

F67526-3MS for 4-Bromofluorobenzene: Result reported from PID.

F67526-3MS for 4-Bromofluorobenzene: Outside control limits due to matrix interference.

F67526-3MSD for 4-Bromofluorobenzene: Outside control limits due to matrix interference.

F67526-3MSD for 4-Bromofluorobenzene: Result reported from PID.

Extractables by GC By Method SW846 8015 M

Matrix: SO **Batch ID:** OP30115

All samples were extracted within the recommended method holding time.

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Sample(s) F67531-2MS, F67531-2MSD were used as the QC samples indicated.

Sample(s) F67531-1 have surrogates outside control limits. Probable cause due to matrix interference.

F67531-1 for o-Terphenyl: Outside control limits due to dilution.

Matrix: SO **Batch ID:** OP30138

All samples were extracted within the recommended method holding time.

All samples were analyzed within the recommended method holding time.

Sample(s) F67531-10MS, F67531-10MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

Sample(s) F67531-1 have surrogates outside control limits. Probable cause due to matrix interference.

Wet Chemistry By Method SM19 2540B M

Matrix: SO **Batch ID:** GN36395

Sample(s) F67531-1DUP were used as the QC samples for Solids, 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: September 10, 2009

Svetlana Izosimova, QAO (signature on file)

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	WPOL-SB22-6		
Lab Sample ID:	F67531-1	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/25/09
Method:	SW846 8260B SW846 5035	**Percent Solids:**	80.6
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0059891.D	1	08/26/09	MM	08/25/09 13:41	n/a	VG2256
Run #2 [b]	G0059873.D	10	08/26/09	MM	08/25/09 13:41	n/a	VG2256

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.24 g	5.0 ml	100 ul
Run #2	5.24 g	5.0 ml	50.0 ul

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	3600	1800	ug/kg	
75-05-8	Acetonitrile	ND	3600	1100	ug/kg	
107-02-8	Acrolein	ND	1800	700	ug/kg	
107-13-1	Acrylonitrile	ND	1800	490	ug/kg	
107-05-1	Allyl chloride	ND	1800	360	ug/kg	
71-43-2	Benzene	ND	360	71	ug/kg	
100-44-7	Benzyl Chloride	ND	360	78	ug/kg	
108-86-1	Bromobenzene	ND	360	71	ug/kg	
74-97-5	Bromochloromethane	ND	360	120	ug/kg	
75-27-4	Bromodichloromethane	ND	360	85	ug/kg	
75-25-2	Bromoform	ND	360	110	ug/kg	
104-51-8	n-Butylbenzene	3430	360	100	ug/kg	
135-98-8	sec-Butylbenzene	6550	360	78	ug/kg	
98-06-6	tert-Butylbenzene	ND	360	78	ug/kg	
108-90-7	Chlorobenzene	ND	360	71	ug/kg	
75-00-3	Chloroethane	ND	360	140	ug/kg	
67-66-3	Chloroform	ND	360	120	ug/kg	
544-10-5	1-Chlorohexane	ND	360	93	ug/kg	
95-49-8	o-Chlorotoluene	ND	360	71	ug/kg	
106-43-4	p-Chlorotoluene	ND	360	71	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	1800	710	ug/kg	
75-15-0	Carbon disulfide	ND	360	78	ug/kg	
56-23-5	Carbon tetrachloride	ND	360	100	ug/kg	
75-34-3	1,1-Dichloroethane	ND	360	140	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	360	93	ug/kg	
563-58-6	1,1-Dichloropropene	ND	360	100	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	360	170	ug/kg	
106-93-4	1,2-Dibromoethane	ND	360	71	ug/kg	
107-06-2	1,2-Dichloroethane	ND	360	78	ug/kg	
78-87-5	1,2-Dichloropropane	ND	360	100	ug/kg	
142-28-9	1,3-Dichloropropane	ND	360	71	ug/kg	
594-20-7	2,2-Dichloropropane	ND	360	150	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB22-6		
Lab Sample ID:	F67531-1	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/25/09
Method:	SW846 8260B SW846 5035	**Percent Solids:**	80.6
Project:	Holloman AFB; WPOL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	360	71	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	360	140	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	360	110	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	360	93	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	1800	360	ug/kg	
541-73-1	m-Dichlorobenzene	ND	360	71	ug/kg	
95-50-1	o-Dichlorobenzene	ND	360	71	ug/kg	
106-46-7	p-Dichlorobenzene	ND	360	71	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	360	85	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	360	71	ug/kg	
100-41-4	Ethylbenzene	ND	360	71	ug/kg	
97-63-2	Ethyl methacrylate	ND	1800	360	ug/kg	
76-13-1	Freon 113	ND	360	190	ug/kg	
591-78-6	2-Hexanone	ND	1800	360	ug/kg	
87-68-3	Hexachlorobutadiene	ND	360	85	ug/kg	
110-54-3	Hexane	ND	360	170	ug/kg	
98-82-8	Isopropylbenzene	697	360	78	ug/kg	
99-87-6	p-Isopropyltoluene	ND	360	78	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	1800	460	ug/kg	
126-98-7	Methacrylonitrile	ND	1800	390	ug/kg	
74-83-9	Methyl bromide	ND	360	160	ug/kg	
74-87-3	Methyl chloride	ND	360	170	ug/kg	
74-88-4	Methyl iodide	ND	710	140	ug/kg	
80-62-6	Methyl methacrylate	ND	1800	360	ug/kg	
74-95-3	Methylene bromide	ND	360	110	ug/kg	
75-09-2	Methylene chloride [c]	996	710	360	ug/kg	B
78-93-3	Methyl ethyl ketone	ND	1800	590	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	360	110	ug/kg	
91-20-3	Naphthalene	ND	360	140	ug/kg	
76-01-7	Pentachloroethane	ND	1800	360	ug/kg	
107-12-0	Propionitrile	ND	3600	850	ug/kg	
103-65-1	n-Propylbenzene	ND	360	85	ug/kg	
100-42-5	Styrene	ND	360	71	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	360	71	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	360	78	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	360	130	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	360	71	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	360	140	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	360	140	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	360	140	ug/kg	

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RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB22-6		
Lab Sample ID:	F67531-1	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/25/09
Method:	SW846 8260B SW846 5035	**Percent Solids:**	80.6
Project:	Holloman AFB; WPOL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	360	71	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	360	71	ug/kg	
127-18-4	Tetrachloroethylene	ND	360	85	ug/kg	
108-88-3	Toluene	ND	360	71	ug/kg	
79-01-6	Trichloroethylene	ND	360	85	ug/kg	
75-69-4	Trichlorofluoromethane	ND	360	140	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	1800	360	ug/kg	
75-01-4	Vinyl chloride	ND	360	140	ug/kg	
108-05-4	Vinyl Acetate	ND	1800	850	ug/kg	
	m,p-Xylene	ND	710	140	ug/kg	
95-47-6	o-Xylene	ND	360	71	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%	101%	80-121%
2037-26-5	Toluene-D8	97%	94%	71-130%
460-00-4	4-Bromofluorobenzene	84%	97%	59-148%
17060-07-0	1,2-Dichloroethane-D4	102%	104%	77-123%

(a) Methanol extract analysis required due to matrix interference.
(b) Confirmation run.
(c) Suspected laboratory contaminant.

ND = Not detected MDL - Method Detection Limit
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E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB22-6		
Lab Sample ID:	F67531-1	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/25/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	80.6
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	U013933.D	4	09/02/09	NAF	08/31/09	OP30114	SU673
Run #2							

	Initial Weight	Final Volume
Run #1	30.7 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	4000	1600	ug/kg	
95-57-8	2-Chlorophenol	ND	810	160	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	810	160	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	810	160	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	810	160	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	4000	1600	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	1600	520	ug/kg	
95-48-7	2-Methylphenol	ND	810	160	ug/kg	
	3&4-Methylphenol	ND	810	160	ug/kg	
88-75-5	2-Nitrophenol	ND	810	160	ug/kg	
100-02-7	4-Nitrophenol	ND	4000	1600	ug/kg	
87-86-5	Pentachlorophenol	ND	4000	1600	ug/kg	
108-95-2	Phenol	ND	810	160	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	810	160	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	810	160	ug/kg	
83-32-9	Acenaphthene	ND	810	160	ug/kg	
208-96-8	Acenaphthylene	ND	810	160	ug/kg	
120-12-7	Anthracene	ND	810	160	ug/kg	
92-87-5	Benzidine	ND	8100	4000	ug/kg	
56-55-3	Benzo(a)anthracene	ND	810	160	ug/kg	
50-32-8	Benzo(a)pyrene	ND	810	160	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	810	160	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	810	160	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	810	160	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	810	160	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	1600	320	ug/kg	
100-51-6	Benzyl Alcohol	ND	810	160	ug/kg	
91-58-7	2-Chloronaphthalene	ND	810	160	ug/kg	
106-47-8	4-Chloroaniline	ND	810	320	ug/kg	
218-01-9	Chrysene	ND	810	160	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	810	160	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	810	160	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB22-6		
Lab Sample ID:	F67531-1	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/25/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	80.6
Project:	Holloman AFB; WPOL		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	810	160	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	810	160	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	810	210	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	810	210	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	810	190	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	810	160	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	810	160	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	1600	320	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	810	160	ug/kg	
132-64-9	Dibenzofuran	218	810	160	ug/kg	J
84-74-2	Di-n-butyl phthalate	ND	1600	320	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	1600	320	ug/kg	
84-66-2	Diethyl phthalate	ND	1600	810	ug/kg	
131-11-3	Dimethyl phthalate	ND	1600	320	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	1600	810	ug/kg	
206-44-0	Fluoranthene	ND	810	160	ug/kg	
86-73-7	Fluorene	ND	810	160	ug/kg	
118-74-1	Hexachlorobenzene	ND	810	160	ug/kg	
87-68-3	Hexachlorobutadiene	ND	810	160	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	810	160	ug/kg	
67-72-1	Hexachloroethane	ND	810	190	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	810	160	ug/kg	
78-59-1	Isophorone	ND	810	160	ug/kg	
91-57-6	2-Methylnaphthalene	ND	810	160	ug/kg	
88-74-4	2-Nitroaniline	ND	1600	320	ug/kg	
99-09-2	3-Nitroaniline	ND	1600	320	ug/kg	
100-01-6	4-Nitroaniline	ND	1600	320	ug/kg	
91-20-3	Naphthalene	ND	810	160	ug/kg	
98-95-3	Nitrobenzene	ND	810	160	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	810	160	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	810	320	ug/kg	
85-01-8	Phenanthrene	ND	810	160	ug/kg	
129-00-0	Pyrene	ND	810	160	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	810	160	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	90%		40-102%
4165-62-2	Phenol-d5	92%		41-100%
118-79-6	2,4,6-Tribromophenol	89%		42-108%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB22-6		
Lab Sample ID:	F67531-1	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/25/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	80.6
Project:	Holloman AFB; WPOL		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	124% [a]		40-105%
321-60-8	2-Fluorobiphenyl	81%		43-107%
1718-51-0	Terphenyl-d14	84%		45-119%

(a) Outside control limits due to matrix interference.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB22-6		
Lab Sample ID:	F67531-1	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/25/09
Method:	SW846 8015 SW846 5035	**Percent Solids:**	80.6
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CD089632.D	1	09/04/09	JG	08/25/09 13:41	n/a	GCD3787
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.24 g	5.0 ml	2.5 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	1440	280	140	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	78%		56-136%
98-08-8	aaa-Trifluorotoluene	80%		61-121%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB22-6		
Lab Sample ID:	F67531-1	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/25/09
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	80.6
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LL27513.D	40	09/08/09	ME	08/31/09	OP30115	GLL1045
Run #2							

	Initial Weight	Final Volume
Run #1	30.3 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	1430	410	250	mg/kg	
	TPH (> C22-C36)	ND	410	250	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	0% [a]		49-108%

(a) Outside control limits due to dilution.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB22-10		
Lab Sample ID:	F67531-2	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/25/09
Method:	SW846 8260B SW846 5035	**Percent Solids:**	82.8
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	H057026.D	1	08/26/09	MM	08/25/09 13:41	n/a	VH2132
Run #2							

	Initial Weight
Run #1	5.59 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	54	27	ug/kg	
75-05-8	Acetonitrile	ND	54	17	ug/kg	
107-02-8	Acrolein	ND	27	11	ug/kg	
107-13-1	Acrylonitrile	ND	27	7.5	ug/kg	
107-05-1	Allyl chloride	ND	27	5.4	ug/kg	
71-43-2	Benzene	ND	5.4	1.1	ug/kg	
100-44-7	Benzyl Chloride	ND	5.4	1.2	ug/kg	
108-86-1	Bromobenzene	ND	5.4	1.1	ug/kg	
74-97-5	Bromochloromethane	ND	5.4	1.8	ug/kg	
75-27-4	Bromodichloromethane	ND	5.4	1.3	ug/kg	
75-25-2	Bromoform	ND	5.4	1.6	ug/kg	
104-51-8	n-Butylbenzene	ND	5.4	1.5	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.4	1.2	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.4	1.2	ug/kg	
108-90-7	Chlorobenzene	ND	5.4	1.1	ug/kg	
75-00-3	Chloroethane	ND	5.4	2.2	ug/kg	
67-66-3	Chloroform	ND	5.4	1.8	ug/kg	
544-10-5	1-Chlorohexane	ND	5.4	1.4	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.4	1.1	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.4	1.1	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	27	11	ug/kg	
75-15-0	Carbon disulfide	ND	5.4	1.2	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.4	1.5	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.4	2.2	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	5.4	1.4	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.4	1.5	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.4	2.6	ug/kg	
106-93-4	1,2-Dibromoethane	ND	5.4	1.1	ug/kg	
107-06-2	1,2-Dichloroethane	ND	5.4	1.2	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.4	1.5	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.4	1.1	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.4	2.3	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB22-10		
Lab Sample ID:	F67531-2	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/25/09
Method:	SW846 8260B SW846 5035	**Percent Solids:**	82.8
Project:	Holloman AFB; WPOL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	5.4	1.1	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.4	2.2	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	5.4	1.7	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.4	1.4	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	27	5.4	ug/kg	
541-73-1	m-Dichlorobenzene	ND	5.4	1.1	ug/kg	
95-50-1	o-Dichlorobenzene	ND	5.4	1.1	ug/kg	
106-46-7	p-Dichlorobenzene	ND	5.4	1.1	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	5.4	1.3	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.4	1.1	ug/kg	
100-41-4	Ethylbenzene	ND	5.4	1.1	ug/kg	
97-63-2	Ethyl methacrylate	ND	27	5.4	ug/kg	
76-13-1	Freon 113	ND	5.4	2.8	ug/kg	
591-78-6	2-Hexanone	ND	27	5.4	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.4	1.3	ug/kg	
110-54-3	Hexane	ND	5.4	2.6	ug/kg	
98-82-8	Isopropylbenzene	ND	5.4	1.2	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.4	1.2	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	27	6.9	ug/kg	
126-98-7	Methacrylonitrile	ND	27	5.9	ug/kg	
74-83-9	Methyl bromide	ND	5.4	2.4	ug/kg	
74-87-3	Methyl chloride	ND	5.4	2.6	ug/kg	
74-88-4	Methyl iodide	ND	11	2.2	ug/kg	
80-62-6	Methyl methacrylate	ND	27	5.4	ug/kg	
74-95-3	Methylene bromide	ND	5.4	1.6	ug/kg	
75-09-2	Methylene chloride [a]	8.2	11	5.4	ug/kg	JB
78-93-3	Methyl ethyl ketone	ND	27	9.0	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.4	1.6	ug/kg	
91-20-3	Naphthalene	ND	5.4	2.2	ug/kg	
76-01-7	Pentachloroethane	ND	27	5.4	ug/kg	
107-12-0	Propionitrile	ND	54	13	ug/kg	
103-65-1	n-Propylbenzene	ND	5.4	1.3	ug/kg	
100-42-5	Styrene	ND	5.4	1.1	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.4	1.1	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.4	1.2	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.4	1.9	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.4	1.1	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.4	2.2	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.4	2.1	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.4	2.2	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB22-10		
Lab Sample ID:	F67531-2	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/25/09
Method:	SW846 8260B SW846 5035	**Percent Solids:**	82.8
Project:	Holloman AFB; WPOL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	5.4	1.1	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.4	1.1	ug/kg	
127-18-4	Tetrachloroethylene	ND	5.4	1.3	ug/kg	
108-88-3	Toluene	ND	5.4	1.1	ug/kg	
79-01-6	Trichloroethylene	ND	5.4	1.3	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.4	2.2	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	27	5.4	ug/kg	
75-01-4	Vinyl chloride	ND	5.4	2.2	ug/kg	
108-05-4	Vinyl Acetate	ND	27	13	ug/kg	
	m,p-Xylene	ND	11	2.1	ug/kg	
95-47-6	o-Xylene	ND	5.4	1.1	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		80-121%
2037-26-5	Toluene-D8	84%		71-130%
460-00-4	4-Bromofluorobenzene	101%		59-148%
17060-07-0	1,2-Dichloroethane-D4	104%		77-123%

(a) Suspected laboratory contaminant.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB22-10		
Lab Sample ID:	F67531-2	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/25/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	82.8
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	U013934.D	1	09/02/09	NAF	08/31/09	OP30114	SU673
Run #2							

	Initial Weight	Final Volume
Run #1	30.6 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	990	390	ug/kg	
95-57-8	2-Chlorophenol	ND	200	39	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	200	39	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	200	39	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	200	39	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	990	390	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	390	130	ug/kg	
95-48-7	2-Methylphenol	ND	200	39	ug/kg	
	3&4-Methylphenol	ND	200	39	ug/kg	
88-75-5	2-Nitrophenol	ND	200	39	ug/kg	
100-02-7	4-Nitrophenol	ND	990	390	ug/kg	
87-86-5	Pentachlorophenol	ND	990	390	ug/kg	
108-95-2	Phenol	ND	200	39	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	200	39	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	200	39	ug/kg	
83-32-9	Acenaphthene	ND	200	39	ug/kg	
208-96-8	Acenaphthylene	ND	200	39	ug/kg	
120-12-7	Anthracene	ND	200	39	ug/kg	
92-87-5	Benzidine	ND	2000	990	ug/kg	
56-55-3	Benzo(a)anthracene	ND	200	39	ug/kg	
50-32-8	Benzo(a)pyrene	ND	200	39	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	200	39	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	200	39	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	200	39	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	200	39	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	390	79	ug/kg	
100-51-6	Benzyl Alcohol	ND	200	39	ug/kg	
91-58-7	2-Chloronaphthalene	ND	200	39	ug/kg	
106-47-8	4-Chloroaniline	ND	200	79	ug/kg	
218-01-9	Chrysene	ND	200	39	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	200	39	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	200	39	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB22-10		
Lab Sample ID:	F67531-2	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/25/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	82.8
Project:	Holloman AFB; WPOL		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	200	39	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	200	39	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	200	51	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	200	51	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	200	47	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	200	39	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	200	39	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	390	79	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	200	39	ug/kg	
132-64-9	Dibenzofuran	ND	200	39	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	390	79	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	390	79	ug/kg	
84-66-2	Diethyl phthalate	ND	390	200	ug/kg	
131-11-3	Dimethyl phthalate	ND	390	79	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	390	200	ug/kg	
206-44-0	Fluoranthene	ND	200	39	ug/kg	
86-73-7	Fluorene	ND	200	39	ug/kg	
118-74-1	Hexachlorobenzene	ND	200	39	ug/kg	
87-68-3	Hexachlorobutadiene	ND	200	39	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	200	39	ug/kg	
67-72-1	Hexachloroethane	ND	200	47	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	200	39	ug/kg	
78-59-1	Isophorone	ND	200	39	ug/kg	
91-57-6	2-Methylnaphthalene	ND	200	39	ug/kg	
88-74-4	2-Nitroaniline	ND	390	79	ug/kg	
99-09-2	3-Nitroaniline	ND	390	79	ug/kg	
100-01-6	4-Nitroaniline	ND	390	79	ug/kg	
91-20-3	Naphthalene	ND	200	39	ug/kg	
98-95-3	Nitrobenzene	ND	200	39	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	200	39	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	200	79	ug/kg	
85-01-8	Phenanthrene	ND	200	39	ug/kg	
129-00-0	Pyrene	ND	200	39	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	200	39	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	72%		40-102%
4165-62-2	Phenol-d5	76%		41-100%
118-79-6	2,4,6-Tribromophenol	75%		42-108%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB22-10		
Lab Sample ID:	F67531-2	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/25/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	82.8
Project:	Holloman AFB; WPOL		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	71%		40-105%
321-60-8	2-Fluorobiphenyl	68%		43-107%
1718-51-0	Terphenyl-d14	70%		45-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB22-10		
Lab Sample ID:	F67531-2	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/25/09
Method:	SW846 8015 SW846 5035	**Percent Solids:**	82.8
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CD089583.D	1	09/02/09	JG	08/25/09 13:41	n/a	GCD3785
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.37 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	6.7	3.3	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	84%		56-136%
98-08-8	aaa-Trifluorotoluene	78%		61-121%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB22-10		
Lab Sample ID:	F67531-2	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/25/09
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	82.8
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LL27470.D	1	09/05/09	SL	08/31/09	OP30115	GLL1044
Run #2							

	Initial Weight	Final Volume
Run #1	30.3 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	10	6.0	mg/kg	
	TPH (> C22-C36)	ND	10	6.0	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	86%		49-108%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB24-8		
Lab Sample ID:	F67531-3	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/25/09
Method:	SW846 8260B SW846 5035	**Percent Solids:**	83.6
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	H057027.D	1	08/26/09	MM	08/25/09 13:41	n/a	VH2132
Run #2							

	Initial Weight
Run #1	5.28 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	57	28	ug/kg	
75-05-8	Acetonitrile	ND	57	18	ug/kg	
107-02-8	Acrolein	ND	28	11	ug/kg	
107-13-1	Acrylonitrile	ND	28	7.8	ug/kg	
107-05-1	Allyl chloride	ND	28	5.7	ug/kg	
71-43-2	Benzene	ND	5.7	1.1	ug/kg	
100-44-7	Benzyl Chloride	ND	5.7	1.2	ug/kg	
108-86-1	Bromobenzene	ND	5.7	1.1	ug/kg	
74-97-5	Bromochloromethane	ND	5.7	1.9	ug/kg	
75-27-4	Bromodichloromethane	ND	5.7	1.4	ug/kg	
75-25-2	Bromoform	ND	5.7	1.7	ug/kg	
104-51-8	n-Butylbenzene	ND	5.7	1.6	ug/kg	
135-98-8	sec-Butylbenzene	1.6	5.7	1.2	ug/kg	J
98-06-6	tert-Butylbenzene	ND	5.7	1.2	ug/kg	
108-90-7	Chlorobenzene	ND	5.7	1.1	ug/kg	
75-00-3	Chloroethane	ND	5.7	2.3	ug/kg	
67-66-3	Chloroform	ND	5.7	1.9	ug/kg	
544-10-5	1-Chlorohexane	ND	5.7	1.5	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.7	1.1	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.7	1.1	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	28	11	ug/kg	
75-15-0	Carbon disulfide [a]	5.8	5.7	1.2	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.7	1.6	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.7	2.3	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	5.7	1.5	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.7	1.6	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.7	2.7	ug/kg	
106-93-4	1,2-Dibromoethane	ND	5.7	1.1	ug/kg	
107-06-2	1,2-Dichloroethane	ND	5.7	1.2	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.7	1.6	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.7	1.1	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.7	2.4	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB24-8		
Lab Sample ID:	F67531-3	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/25/09
Method:	SW846 8260B SW846 5035	**Percent Solids:**	83.6
Project:	Holloman AFB; WPOL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	5.7	1.1	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.7	2.3	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	5.7	1.8	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.7	1.5	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	28	5.7	ug/kg	
541-73-1	m-Dichlorobenzene	ND	5.7	1.1	ug/kg	
95-50-1	o-Dichlorobenzene	ND	5.7	1.1	ug/kg	
106-46-7	p-Dichlorobenzene	ND	5.7	1.1	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	5.7	1.4	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.7	1.1	ug/kg	
100-41-4	Ethylbenzene	ND	5.7	1.1	ug/kg	
97-63-2	Ethyl methacrylate	ND	28	5.7	ug/kg	
76-13-1	Freon 113	ND	5.7	2.9	ug/kg	
591-78-6	2-Hexanone	ND	28	5.7	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.7	1.4	ug/kg	
110-54-3	Hexane	ND	5.7	2.7	ug/kg	
98-82-8	Isopropylbenzene	ND	5.7	1.2	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.7	1.2	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	28	7.2	ug/kg	
126-98-7	Methacrylonitrile	ND	28	6.2	ug/kg	
74-83-9	Methyl bromide	ND	5.7	2.5	ug/kg	
74-87-3	Methyl chloride	ND	5.7	2.7	ug/kg	
74-88-4	Methyl iodide	ND	11	2.3	ug/kg	
80-62-6	Methyl methacrylate	ND	28	5.7	ug/kg	
74-95-3	Methylene bromide	ND	5.7	1.7	ug/kg	
75-09-2	Methylene chloride [b]	6.9	11	5.7	ug/kg	JB
78-93-3	Methyl ethyl ketone	ND	28	9.4	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.7	1.7	ug/kg	
91-20-3	Naphthalene	ND	5.7	2.3	ug/kg	
76-01-7	Pentachloroethane	ND	28	5.7	ug/kg	
107-12-0	Propionitrile	ND	57	14	ug/kg	
103-65-1	n-Propylbenzene	ND	5.7	1.4	ug/kg	
100-42-5	Styrene	ND	5.7	1.1	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.7	1.1	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.7	1.2	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.7	2.0	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.7	1.1	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.7	2.3	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.7	2.2	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.7	2.3	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB24-8		
Lab Sample ID:	F67531-3	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/25/09
Method:	SW846 8260B SW846 5035	**Percent Solids:**	83.6
Project:	Holloman AFB; WPOL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	5.7	1.1	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.7	1.1	ug/kg	
127-18-4	Tetrachloroethylene	ND	5.7	1.4	ug/kg	
108-88-3	Toluene	ND	5.7	1.1	ug/kg	
79-01-6	Trichloroethylene	ND	5.7	1.4	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.7	2.3	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	28	5.7	ug/kg	
75-01-4	Vinyl chloride	ND	5.7	2.3	ug/kg	
108-05-4	Vinyl Acetate	ND	28	14	ug/kg	
	m,p-Xylene	ND	11	2.2	ug/kg	
95-47-6	o-Xylene	ND	5.7	1.1	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		80-121%
2037-26-5	Toluene-D8	86%		71-130%
460-00-4	4-Bromofluorobenzene	102%		59-148%
17060-07-0	1,2-Dichloroethane-D4	102%		77-123%

(a) CCV outside of control limits; results may be biased low.
(b) Suspected laboratory contaminant.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB24-8		
Lab Sample ID:	F67531-3	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/25/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	83.6
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	U013937.D	1	09/02/09	NAF	08/31/09	OP30114	SU673
Run #2							

	Initial Weight	Final Volume
Run #1	30.6 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	980	390	ug/kg	
95-57-8	2-Chlorophenol	ND	200	39	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	200	39	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	200	39	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	200	39	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	980	390	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	390	130	ug/kg	
95-48-7	2-Methylphenol	ND	200	39	ug/kg	
	3&4-Methylphenol	ND	200	39	ug/kg	
88-75-5	2-Nitrophenol	ND	200	39	ug/kg	
100-02-7	4-Nitrophenol	ND	980	390	ug/kg	
87-86-5	Pentachlorophenol	ND	980	390	ug/kg	
108-95-2	Phenol	ND	200	39	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	200	39	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	200	39	ug/kg	
83-32-9	Acenaphthene	ND	200	39	ug/kg	
208-96-8	Acenaphthylene	ND	200	39	ug/kg	
120-12-7	Anthracene	ND	200	39	ug/kg	
92-87-5	Benzidine	ND	2000	980	ug/kg	
56-55-3	Benzo(a)anthracene	ND	200	39	ug/kg	
50-32-8	Benzo(a)pyrene	ND	200	39	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	200	39	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	200	39	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	200	39	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	200	39	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	390	78	ug/kg	
100-51-6	Benzyl Alcohol	ND	200	39	ug/kg	
91-58-7	2-Chloronaphthalene	ND	200	39	ug/kg	
106-47-8	4-Chloroaniline	ND	200	78	ug/kg	
218-01-9	Chrysene	ND	200	39	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	200	39	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	200	39	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB24-8		
Lab Sample ID:	F67531-3	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/25/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	83.6
Project:	Holloman AFB; WPOL		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	200	39	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	200	39	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	200	51	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	200	51	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	200	47	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	200	39	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	200	39	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	390	78	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	200	39	ug/kg	
132-64-9	Dibenzofuran	ND	200	39	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	390	78	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	390	78	ug/kg	
84-66-2	Diethyl phthalate	ND	390	200	ug/kg	
131-11-3	Dimethyl phthalate	ND	390	78	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	390	200	ug/kg	
206-44-0	Fluoranthene	ND	200	39	ug/kg	
86-73-7	Fluorene	ND	200	39	ug/kg	
118-74-1	Hexachlorobenzene	ND	200	39	ug/kg	
87-68-3	Hexachlorobutadiene	ND	200	39	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	200	39	ug/kg	
67-72-1	Hexachloroethane	ND	200	47	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	200	39	ug/kg	
78-59-1	Isophorone	ND	200	39	ug/kg	
91-57-6	2-Methylnaphthalene	ND	200	39	ug/kg	
88-74-4	2-Nitroaniline	ND	390	78	ug/kg	
99-09-2	3-Nitroaniline	ND	390	78	ug/kg	
100-01-6	4-Nitroaniline	ND	390	78	ug/kg	
91-20-3	Naphthalene	ND	200	39	ug/kg	
98-95-3	Nitrobenzene	ND	200	39	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	200	39	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	200	78	ug/kg	
85-01-8	Phenanthrene	ND	200	39	ug/kg	
129-00-0	Pyrene	ND	200	39	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	200	39	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	73%		40-102%
4165-62-2	Phenol-d5	76%		41-100%
118-79-6	2,4,6-Tribromophenol	75%		42-108%

ND = Not detected MDL - Method Detection Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB24-8		
Lab Sample ID:	F67531-3	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/25/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	83.6
Project:	Holloman AFB; WPOL		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	72%		40-105%
321-60-8	2-Fluorobiphenyl	70%		43-107%
1718-51-0	Terphenyl-d14	71%		45-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB24-8		
Lab Sample ID:	F67531-3	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/25/09
Method:	SW846 8015 SW846 5035	**Percent Solids:**	83.6
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CD089586.D	1	09/02/09	JG	08/25/09 13:41	n/a	GCD3785
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.18 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	6.8	3.4	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	92%		56-136%
98-08-8	aaa-Trifluorotoluene	87%		61-121%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB24-8		
Lab Sample ID:	F67531-3	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/25/09
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	83.6
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LL27467.D	1	09/05/09	SL	08/31/09	OP30115	GLL1044
Run #2							

	Initial Weight	Final Volume
Run #1	29.9 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	10	6.0	mg/kg	
	TPH (> C22-C36)	ND	10	6.0	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	87%		49-108%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB24-8-A		
Lab Sample ID:	F67531-4	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/25/09
Method:	SW846 8260B SW846 5035	**Percent Solids:**	81.5
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	H057028.D	1	08/26/09	MM	08/25/09 13:41	n/a	VH2132
Run #2							

	Initial Weight
Run #1	5.12 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	60	30	ug/kg	
75-05-8	Acetonitrile	ND	60	19	ug/kg	
107-02-8	Acrolein	ND	30	12	ug/kg	
107-13-1	Acrylonitrile	ND	30	8.3	ug/kg	
107-05-1	Allyl chloride	ND	30	6.0	ug/kg	
71-43-2	Benzene	ND	6.0	1.2	ug/kg	
100-44-7	Benzyl Chloride	ND	6.0	1.3	ug/kg	
108-86-1	Bromobenzene	ND	6.0	1.2	ug/kg	
74-97-5	Bromochloromethane	ND	6.0	2.0	ug/kg	
75-27-4	Bromodichloromethane	ND	6.0	1.4	ug/kg	
75-25-2	Bromoform	ND	6.0	1.8	ug/kg	
104-51-8	n-Butylbenzene	ND	6.0	1.7	ug/kg	
135-98-8	sec-Butylbenzene	2.0	6.0	1.3	ug/kg	J
98-06-6	tert-Butylbenzene	ND	6.0	1.3	ug/kg	
108-90-7	Chlorobenzene	ND	6.0	1.2	ug/kg	
75-00-3	Chloroethane	ND	6.0	2.4	ug/kg	
67-66-3	Chloroform	ND	6.0	2.0	ug/kg	
544-10-5	1-Chlorohexane	ND	6.0	1.6	ug/kg	
95-49-8	o-Chlorotoluene	ND	6.0	1.2	ug/kg	
106-43-4	p-Chlorotoluene	ND	6.0	1.2	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	30	12	ug/kg	
75-15-0	Carbon disulfide [a]	6.0	6.0	1.3	ug/kg	
56-23-5	Carbon tetrachloride	ND	6.0	1.7	ug/kg	
75-34-3	1,1-Dichloroethane	ND	6.0	2.4	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	6.0	1.6	ug/kg	
563-58-6	1,1-Dichloropropene	ND	6.0	1.7	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	6.0	2.9	ug/kg	
106-93-4	1,2-Dibromoethane	ND	6.0	1.2	ug/kg	
107-06-2	1,2-Dichloroethane	ND	6.0	1.3	ug/kg	
78-87-5	1,2-Dichloropropane	ND	6.0	1.7	ug/kg	
142-28-9	1,3-Dichloropropane	ND	6.0	1.2	ug/kg	
594-20-7	2,2-Dichloropropane	ND	6.0	2.5	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB24-8-A		
Lab Sample ID:	F67531-4	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/25/09
Method:	SW846 8260B SW846 5035	**Percent Solids:**	81.5
Project:	Holloman AFB; WPOL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	6.0	1.2	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.0	2.4	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	6.0	1.9	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	6.0	1.6	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	30	6.0	ug/kg	
541-73-1	m-Dichlorobenzene	ND	6.0	1.2	ug/kg	
95-50-1	o-Dichlorobenzene	ND	6.0	1.2	ug/kg	
106-46-7	p-Dichlorobenzene	ND	6.0	1.2	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	6.0	1.4	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	6.0	1.2	ug/kg	
100-41-4	Ethylbenzene	ND	6.0	1.2	ug/kg	
97-63-2	Ethyl methacrylate	ND	30	6.0	ug/kg	
76-13-1	Freon 113	ND	6.0	3.1	ug/kg	
591-78-6	2-Hexanone	ND	30	6.0	ug/kg	
87-68-3	Hexachlorobutadiene	ND	6.0	1.4	ug/kg	
110-54-3	Hexane	ND	6.0	2.9	ug/kg	
98-82-8	Isopropylbenzene	ND	6.0	1.3	ug/kg	
99-87-6	p-Isopropyltoluene	ND	6.0	1.3	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	30	7.7	ug/kg	
126-98-7	Methacrylonitrile	ND	30	6.6	ug/kg	
74-83-9	Methyl bromide	ND	6.0	2.6	ug/kg	
74-87-3	Methyl chloride	ND	6.0	2.9	ug/kg	
74-88-4	Methyl iodide	ND	12	2.4	ug/kg	
80-62-6	Methyl methacrylate	ND	30	6.0	ug/kg	
74-95-3	Methylene bromide	ND	6.0	1.8	ug/kg	
75-09-2	Methylene chloride [b]	10.3	12	6.0	ug/kg	JB
78-93-3	Methyl ethyl ketone	ND	30	9.9	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	6.0	1.8	ug/kg	
91-20-3	Naphthalene	ND	6.0	2.4	ug/kg	
76-01-7	Pentachloroethane	ND	30	6.0	ug/kg	
107-12-0	Propionitrile	ND	60	14	ug/kg	
103-65-1	n-Propylbenzene	ND	6.0	1.4	ug/kg	
100-42-5	Styrene	ND	6.0	1.2	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	6.0	1.2	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	6.0	1.3	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6.0	2.2	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	6.0	1.2	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.0	2.4	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	6.0	2.3	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.0	2.4	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB24-8-A		
Lab Sample ID:	F67531-4	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/25/09
Method:	SW846 8260B SW846 5035	**Percent Solids:**	81.5
Project:	Holloman AFB; WPOL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	6.0	1.2	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	6.0	1.2	ug/kg	
127-18-4	Tetrachloroethylene	ND	6.0	1.4	ug/kg	
108-88-3	Toluene	ND	6.0	1.2	ug/kg	
79-01-6	Trichloroethylene	ND	6.0	1.4	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.0	2.4	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	30	6.0	ug/kg	
75-01-4	Vinyl chloride	ND	6.0	2.4	ug/kg	
108-05-4	Vinyl Acetate	ND	30	14	ug/kg	
	m,p-Xylene	ND	12	2.3	ug/kg	
95-47-6	o-Xylene	ND	6.0	1.2	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		80-121%
2037-26-5	Toluene-D8	86%		71-130%
460-00-4	4-Bromofluorobenzene	103%		59-148%
17060-07-0	1,2-Dichloroethane-D4	100%		77-123%

(a) CCV outside of control limits; results may be biased low.
(b) Suspected laboratory contaminant.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB24-8-A		
Lab Sample ID:	F67531-4	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/25/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	81.5
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	U013938.D	1	09/02/09	NAF	08/31/09	OP30114	SU673
Run #2							

	Initial Weight	Final Volume
Run #1	30.4 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1000	400	ug/kg	
95-57-8	2-Chlorophenol	ND	200	40	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	200	40	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	200	40	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	200	40	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1000	400	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	400	130	ug/kg	
95-48-7	2-Methylphenol	ND	200	40	ug/kg	
	3&4-Methylphenol	ND	200	40	ug/kg	
88-75-5	2-Nitrophenol	ND	200	40	ug/kg	
100-02-7	4-Nitrophenol	ND	1000	400	ug/kg	
87-86-5	Pentachlorophenol	ND	1000	400	ug/kg	
108-95-2	Phenol	ND	200	40	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	200	40	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	200	40	ug/kg	
83-32-9	Acenaphthene	ND	200	40	ug/kg	
208-96-8	Acenaphthylene	ND	200	40	ug/kg	
120-12-7	Anthracene	ND	200	40	ug/kg	
92-87-5	Benzidine	ND	2000	1000	ug/kg	
56-55-3	Benzo(a)anthracene	ND	200	40	ug/kg	
50-32-8	Benzo(a)pyrene	ND	200	40	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	200	40	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	200	40	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	200	40	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	200	40	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	400	81	ug/kg	
100-51-6	Benzyl Alcohol	ND	200	40	ug/kg	
91-58-7	2-Chloronaphthalene	ND	200	40	ug/kg	
106-47-8	4-Chloroaniline	ND	200	81	ug/kg	
218-01-9	Chrysene	ND	200	40	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	200	40	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	200	40	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB24-8-A		
Lab Sample ID:	F67531-4	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/25/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	81.5
Project:	Holloman AFB; WPOL		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	200	40	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	200	40	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	200	52	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	200	52	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	200	48	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	200	40	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	200	40	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	400	81	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	200	40	ug/kg	
132-64-9	Dibenzofuran	ND	200	40	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	400	81	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	400	81	ug/kg	
84-66-2	Diethyl phthalate	ND	400	200	ug/kg	
131-11-3	Dimethyl phthalate	ND	400	81	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	400	200	ug/kg	
206-44-0	Fluoranthene	ND	200	40	ug/kg	
86-73-7	Fluorene	ND	200	40	ug/kg	
118-74-1	Hexachlorobenzene	ND	200	40	ug/kg	
87-68-3	Hexachlorobutadiene	ND	200	40	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	200	40	ug/kg	
67-72-1	Hexachloroethane	ND	200	48	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	200	40	ug/kg	
78-59-1	Isophorone	ND	200	40	ug/kg	
91-57-6	2-Methylnaphthalene	ND	200	40	ug/kg	
88-74-4	2-Nitroaniline	ND	400	81	ug/kg	
99-09-2	3-Nitroaniline	ND	400	81	ug/kg	
100-01-6	4-Nitroaniline	ND	400	81	ug/kg	
91-20-3	Naphthalene	ND	200	40	ug/kg	
98-95-3	Nitrobenzene	ND	200	40	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	200	40	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	200	81	ug/kg	
85-01-8	Phenanthrene	ND	200	40	ug/kg	
129-00-0	Pyrene	ND	200	40	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	200	40	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	69%		40-102%
4165-62-2	Phenol-d5	72%		41-100%
118-79-6	2,4,6-Tribromophenol	71%		42-108%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB24-8-A		
Lab Sample ID:	F67531-4	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/25/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	81.5
Project:	Holloman AFB; WPOL		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	67%		40-105%
321-60-8	2-Fluorobiphenyl	62%		43-107%
1718-51-0	Terphenyl-d14	69%		45-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB24-8-A		
Lab Sample ID:	F67531-4	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/25/09
Method:	SW846 8015 SW846 5035	**Percent Solids:**	81.5
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CD089587.D	1	09/02/09	JG	08/25/09 13:41	n/a	GCD3785
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.14 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	7.1	3.6	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	81%		56-136%
98-08-8	aaa-Trifluorotoluene	79%		61-121%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB24-8-A		
Lab Sample ID:	F67531-4	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/25/09
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	81.5
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LL27473.D	1	09/05/09	SL	08/31/09	OP30115	GLL1044
Run #2							

	Initial Weight	Final Volume
Run #1	29.5 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	40.6	10	6.2	mg/kg	
	TPH (> C22-C36)	ND	10	6.2	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	85%		49-108%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB24-10		
Lab Sample ID:	F67531-5	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/25/09
Method:	SW846 8260B SW846 5035	**Percent Solids:**	82.3
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	H057029.D	1	08/26/09	MM	08/25/09 13:55	n/a	VH2132
Run #2							

	Initial Weight
Run #1	5.51 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	55	28	ug/kg	
75-05-8	Acetonitrile	ND	55	18	ug/kg	
107-02-8	Acrolein	ND	28	11	ug/kg	
107-13-1	Acrylonitrile	ND	28	7.6	ug/kg	
107-05-1	Allyl chloride	ND	28	5.5	ug/kg	
71-43-2	Benzene	ND	5.5	1.1	ug/kg	
100-44-7	Benzyl Chloride	ND	5.5	1.2	ug/kg	
108-86-1	Bromobenzene	ND	5.5	1.1	ug/kg	
74-97-5	Bromochloromethane	ND	5.5	1.9	ug/kg	
75-27-4	Bromodichloromethane	ND	5.5	1.3	ug/kg	
75-25-2	Bromoform	ND	5.5	1.7	ug/kg	
104-51-8	n-Butylbenzene	ND	5.5	1.5	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.5	1.2	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.5	1.2	ug/kg	
108-90-7	Chlorobenzene	ND	5.5	1.1	ug/kg	
75-00-3	Chloroethane	ND	5.5	2.2	ug/kg	
67-66-3	Chloroform	ND	5.5	1.9	ug/kg	
544-10-5	1-Chlorohexane	ND	5.5	1.4	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.5	1.1	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.5	1.1	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	28	11	ug/kg	
75-15-0	Carbon disulfide	ND	5.5	1.2	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.5	1.5	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.5	2.2	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	5.5	1.4	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.5	1.5	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.5	2.6	ug/kg	
106-93-4	1,2-Dibromoethane	ND	5.5	1.1	ug/kg	
107-06-2	1,2-Dichloroethane	ND	5.5	1.2	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.5	1.5	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.5	1.1	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.5	2.3	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB24-10		
Lab Sample ID:	F67531-5	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/25/09
Method:	SW846 8260B SW846 5035	**Percent Solids:**	82.3
Project:	Holloman AFB; WPOL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	5.5	1.1	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.5	2.2	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	5.5	1.8	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.5	1.4	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	28	5.5	ug/kg	
541-73-1	m-Dichlorobenzene	ND	5.5	1.1	ug/kg	
95-50-1	o-Dichlorobenzene	ND	5.5	1.1	ug/kg	
106-46-7	p-Dichlorobenzene	ND	5.5	1.1	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	5.5	1.3	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.5	1.1	ug/kg	
100-41-4	Ethylbenzene	ND	5.5	1.1	ug/kg	
97-63-2	Ethyl methacrylate	ND	28	5.5	ug/kg	
76-13-1	Freon 113	ND	5.5	2.9	ug/kg	
591-78-6	2-Hexanone	ND	28	5.5	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.5	1.3	ug/kg	
110-54-3	Hexane	ND	5.5	2.6	ug/kg	
98-82-8	Isopropylbenzene	ND	5.5	1.2	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.5	1.2	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	28	7.1	ug/kg	
126-98-7	Methacrylonitrile	ND	28	6.1	ug/kg	
74-83-9	Methyl bromide	ND	5.5	2.4	ug/kg	
74-87-3	Methyl chloride	ND	5.5	2.6	ug/kg	
74-88-4	Methyl iodide	ND	11	2.2	ug/kg	
80-62-6	Methyl methacrylate	ND	28	5.5	ug/kg	
74-95-3	Methylene bromide	ND	5.5	1.7	ug/kg	
75-09-2	Methylene chloride [a]	6.0	11	5.5	ug/kg	JB
78-93-3	Methyl ethyl ketone	ND	28	9.2	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.5	1.7	ug/kg	
91-20-3	Naphthalene	ND	5.5	2.2	ug/kg	
76-01-7	Pentachloroethane	ND	28	5.5	ug/kg	
107-12-0	Propionitrile	ND	55	13	ug/kg	
103-65-1	n-Propylbenzene	ND	5.5	1.3	ug/kg	
100-42-5	Styrene	ND	5.5	1.1	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.5	1.1	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.5	1.2	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.5	2.0	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.5	1.1	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.5	2.2	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.5	2.1	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.5	2.2	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB24-10		
Lab Sample ID:	F67531-5	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/25/09
Method:	SW846 8260B SW846 5035	**Percent Solids:**	82.3
Project:	Holloman AFB; WPOL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	5.5	1.1	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.5	1.1	ug/kg	
127-18-4	Tetrachloroethylene	ND	5.5	1.3	ug/kg	
108-88-3	Toluene	ND	5.5	1.1	ug/kg	
79-01-6	Trichloroethylene	ND	5.5	1.3	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.5	2.2	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	28	5.5	ug/kg	
75-01-4	Vinyl chloride	ND	5.5	2.2	ug/kg	
108-05-4	Vinyl Acetate	ND	28	13	ug/kg	
	m,p-Xylene	ND	11	2.1	ug/kg	
95-47-6	o-Xylene	ND	5.5	1.1	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		80-121%
2037-26-5	Toluene-D8	90%		71-130%
460-00-4	4-Bromofluorobenzene	115%		59-148%
17060-07-0	1,2-Dichloroethane-D4	101%		77-123%

(a) Suspected laboratory contaminant.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB24-10		
Lab Sample ID:	F67531-5	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/25/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	82.3
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	U013939.D	1	09/02/09	NAF	08/31/09	OP30114	SU673
Run #2							

	Initial Weight	Final Volume
Run #1	30.8 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	990	390	ug/kg	
95-57-8	2-Chlorophenol	ND	200	39	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	200	39	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	200	39	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	200	39	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	990	390	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	390	130	ug/kg	
95-48-7	2-Methylphenol	ND	200	39	ug/kg	
	3&4-Methylphenol	ND	200	39	ug/kg	
88-75-5	2-Nitrophenol	ND	200	39	ug/kg	
100-02-7	4-Nitrophenol	ND	990	390	ug/kg	
87-86-5	Pentachlorophenol	ND	990	390	ug/kg	
108-95-2	Phenol	ND	200	39	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	200	39	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	200	39	ug/kg	
83-32-9	Acenaphthene	ND	200	39	ug/kg	
208-96-8	Acenaphthylene	ND	200	39	ug/kg	
120-12-7	Anthracene	ND	200	39	ug/kg	
92-87-5	Benzidine	ND	2000	990	ug/kg	
56-55-3	Benzo(a)anthracene	ND	200	39	ug/kg	
50-32-8	Benzo(a)pyrene	ND	200	39	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	200	39	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	200	39	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	200	39	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	200	39	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	390	79	ug/kg	
100-51-6	Benzyl Alcohol	ND	200	39	ug/kg	
91-58-7	2-Chloronaphthalene	ND	200	39	ug/kg	
106-47-8	4-Chloroaniline	ND	200	79	ug/kg	
218-01-9	Chrysene	ND	200	39	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	200	39	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	200	39	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB24-10		
Lab Sample ID:	F67531-5	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/25/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	82.3
Project:	Holloman AFB; WPOL		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	200	39	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	200	39	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	200	51	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	200	51	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	200	47	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	200	39	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	200	39	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	390	79	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	200	39	ug/kg	
132-64-9	Dibenzofuran	ND	200	39	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	390	79	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	390	79	ug/kg	
84-66-2	Diethyl phthalate	ND	390	200	ug/kg	
131-11-3	Dimethyl phthalate	ND	390	79	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	390	200	ug/kg	
206-44-0	Fluoranthene	ND	200	39	ug/kg	
86-73-7	Fluorene	ND	200	39	ug/kg	
118-74-1	Hexachlorobenzene	ND	200	39	ug/kg	
87-68-3	Hexachlorobutadiene	ND	200	39	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	200	39	ug/kg	
67-72-1	Hexachloroethane	ND	200	47	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	200	39	ug/kg	
78-59-1	Isophorone	ND	200	39	ug/kg	
91-57-6	2-Methylnaphthalene	ND	200	39	ug/kg	
88-74-4	2-Nitroaniline	ND	390	79	ug/kg	
99-09-2	3-Nitroaniline	ND	390	79	ug/kg	
100-01-6	4-Nitroaniline	ND	390	79	ug/kg	
91-20-3	Naphthalene	ND	200	39	ug/kg	
98-95-3	Nitrobenzene	ND	200	39	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	200	39	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	200	79	ug/kg	
85-01-8	Phenanthrene	ND	200	39	ug/kg	
129-00-0	Pyrene	ND	200	39	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	200	39	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	77%		40-102%
4165-62-2	Phenol-d5	81%		41-100%
118-79-6	2,4,6-Tribromophenol	78%		42-108%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB24-10		
Lab Sample ID:	F67531-5	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/25/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	82.3
Project:	Holloman AFB; WPOL		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	74%		40-105%
321-60-8	2-Fluorobiphenyl	71%		43-107%
1718-51-0	Terphenyl-d14	75%		45-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB24-10		
Lab Sample ID:	F67531-5	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/25/09
Method:	SW846 8015 SW846 5035	**Percent Solids:**	82.3
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CD089588.D	1	09/02/09	JG	08/25/09 13:55	n/a	GCD3785
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.66 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	6.4	3.2	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	90%		56-136%
98-08-8	aaa-Trifluorotoluene	87%		61-121%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB24-10		
Lab Sample ID:	F67531-5	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/25/09
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	82.3
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LL27474.D	1	09/05/09	SL	08/31/09	OP30115	GLL1044
Run #2							

	Initial Weight	Final Volume
Run #1	29.7 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	10	6.1	mg/kg	
	TPH (> C22-C36)	ND	10	6.1	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	88%		49-108%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB23-6		
Lab Sample ID:	F67531-6	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/25/09
Method:	SW846 8260B SW846 5035	**Percent Solids:**	83.1
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	H057032.D	1	08/26/09	MM	08/25/09 13:55	n/a	VH2132
Run #2							

	Initial Weight
Run #1	5.32 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	57	28	ug/kg	
75-05-8	Acetonitrile	ND	57	18	ug/kg	
107-02-8	Acrolein	ND	28	11	ug/kg	
107-13-1	Acrylonitrile	ND	28	7.8	ug/kg	
107-05-1	Allyl chloride	ND	28	5.7	ug/kg	
71-43-2	Benzene	ND	5.7	1.1	ug/kg	
100-44-7	Benzyl Chloride	ND	5.7	1.2	ug/kg	
108-86-1	Bromobenzene	ND	5.7	1.1	ug/kg	
74-97-5	Bromochloromethane	ND	5.7	1.9	ug/kg	
75-27-4	Bromodichloromethane	ND	5.7	1.4	ug/kg	
75-25-2	Bromoform	ND	5.7	1.7	ug/kg	
104-51-8	n-Butylbenzene	ND	5.7	1.6	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.7	1.2	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.7	1.2	ug/kg	
108-90-7	Chlorobenzene	ND	5.7	1.1	ug/kg	
75-00-3	Chloroethane	ND	5.7	2.3	ug/kg	
67-66-3	Chloroform	ND	5.7	1.9	ug/kg	
544-10-5	1-Chlorohexane	ND	5.7	1.5	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.7	1.1	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.7	1.1	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	28	11	ug/kg	
75-15-0	Carbon disulfide	ND	5.7	1.2	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.7	1.6	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.7	2.3	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	5.7	1.5	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.7	1.6	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.7	2.7	ug/kg	
106-93-4	1,2-Dibromoethane	ND	5.7	1.1	ug/kg	
107-06-2	1,2-Dichloroethane	ND	5.7	1.2	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.7	1.6	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.7	1.1	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.7	2.4	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB23-6		
Lab Sample ID:	F67531-6	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/25/09
Method:	SW846 8260B SW846 5035	**Percent Solids:**	83.1
Project:	Holloman AFB; WPOL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	5.7	1.1	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.7	2.3	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	5.7	1.8	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.7	1.5	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	28	5.7	ug/kg	
541-73-1	m-Dichlorobenzene	ND	5.7	1.1	ug/kg	
95-50-1	o-Dichlorobenzene	ND	5.7	1.1	ug/kg	
106-46-7	p-Dichlorobenzene	ND	5.7	1.1	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	5.7	1.4	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.7	1.1	ug/kg	
100-41-4	Ethylbenzene	ND	5.7	1.1	ug/kg	
97-63-2	Ethyl methacrylate	ND	28	5.7	ug/kg	
76-13-1	Freon 113	ND	5.7	2.9	ug/kg	
591-78-6	2-Hexanone	ND	28	5.7	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.7	1.4	ug/kg	
110-54-3	Hexane	ND	5.7	2.7	ug/kg	
98-82-8	Isopropylbenzene	ND	5.7	1.2	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.7	1.2	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	28	7.2	ug/kg	
126-98-7	Methacrylonitrile	ND	28	6.2	ug/kg	
74-83-9	Methyl bromide	ND	5.7	2.5	ug/kg	
74-87-3	Methyl chloride	ND	5.7	2.7	ug/kg	
74-88-4	Methyl iodide	ND	11	2.3	ug/kg	
80-62-6	Methyl methacrylate	ND	28	5.7	ug/kg	
74-95-3	Methylene bromide	ND	5.7	1.7	ug/kg	
75-09-2	Methylene chloride	ND	11	5.7	ug/kg	
78-93-3	Methyl ethyl ketone	ND	28	9.4	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.7	1.7	ug/kg	
91-20-3	Naphthalene	ND	5.7	2.3	ug/kg	
76-01-7	Pentachloroethane	ND	28	5.7	ug/kg	
107-12-0	Propionitrile	ND	57	14	ug/kg	
103-65-1	n-Propylbenzene	ND	5.7	1.4	ug/kg	
100-42-5	Styrene	ND	5.7	1.1	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.7	1.1	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.7	1.2	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.7	2.0	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.7	1.1	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.7	2.3	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.7	2.1	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.7	2.3	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB23-6		
Lab Sample ID:	F67531-6	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/25/09
Method:	SW846 8260B SW846 5035	**Percent Solids:**	83.1
Project:	Holloman AFB; WPOL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	5.7	1.1	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.7	1.1	ug/kg	
127-18-4	Tetrachloroethylene	ND	5.7	1.4	ug/kg	
108-88-3	Toluene	ND	5.7	1.1	ug/kg	
79-01-6	Trichloroethylene	ND	5.7	1.4	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.7	2.3	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	28	5.7	ug/kg	
75-01-4	Vinyl chloride	ND	5.7	2.3	ug/kg	
108-05-4	Vinyl Acetate	ND	28	14	ug/kg	
	m,p-Xylene	ND	11	2.1	ug/kg	
95-47-6	o-Xylene	ND	5.7	1.1	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		80-121%
2037-26-5	Toluene-D8	91%		71-130%
460-00-4	4-Bromofluorobenzene	117%		59-148%
17060-07-0	1,2-Dichloroethane-D4	97%		77-123%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB23-6		
Lab Sample ID:	F67531-6	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/25/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	83.1
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	U013940.D	1	09/02/09	NAF	08/31/09	OP30114	SU673
Run #2							

	Initial Weight	Final Volume
Run #1	30.6 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	980	390	ug/kg	
95-57-8	2-Chlorophenol	ND	200	39	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	200	39	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	200	39	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	200	39	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	980	390	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	390	130	ug/kg	
95-48-7	2-Methylphenol	ND	200	39	ug/kg	
	3&4-Methylphenol	ND	200	39	ug/kg	
88-75-5	2-Nitrophenol	ND	200	39	ug/kg	
100-02-7	4-Nitrophenol	ND	980	390	ug/kg	
87-86-5	Pentachlorophenol	ND	980	390	ug/kg	
108-95-2	Phenol	ND	200	39	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	200	39	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	200	39	ug/kg	
83-32-9	Acenaphthene	ND	200	39	ug/kg	
208-96-8	Acenaphthylene	ND	200	39	ug/kg	
120-12-7	Anthracene	ND	200	39	ug/kg	
92-87-5	Benzidine	ND	2000	980	ug/kg	
56-55-3	Benzo(a)anthracene	ND	200	39	ug/kg	
50-32-8	Benzo(a)pyrene	ND	200	39	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	200	39	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	200	39	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	200	39	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	200	39	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	390	79	ug/kg	
100-51-6	Benzyl Alcohol	ND	200	39	ug/kg	
91-58-7	2-Chloronaphthalene	ND	200	39	ug/kg	
106-47-8	4-Chloroaniline	ND	200	79	ug/kg	
218-01-9	Chrysene	ND	200	39	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	200	39	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	200	39	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB23-6		
Lab Sample ID:	F67531-6	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/25/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	83.1
Project:	Holloman AFB; WPOL		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	200	39	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	200	39	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	200	51	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	200	51	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	200	47	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	200	39	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	200	39	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	390	79	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	200	39	ug/kg	
132-64-9	Dibenzofuran	ND	200	39	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	390	79	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	390	79	ug/kg	
84-66-2	Diethyl phthalate	ND	390	200	ug/kg	
131-11-3	Dimethyl phthalate	ND	390	79	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	390	200	ug/kg	
206-44-0	Fluoranthene	ND	200	39	ug/kg	
86-73-7	Fluorene	ND	200	39	ug/kg	
118-74-1	Hexachlorobenzene	ND	200	39	ug/kg	
87-68-3	Hexachlorobutadiene	ND	200	39	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	200	39	ug/kg	
67-72-1	Hexachloroethane	ND	200	47	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	200	39	ug/kg	
78-59-1	Isophorone	ND	200	39	ug/kg	
91-57-6	2-Methylnaphthalene	ND	200	39	ug/kg	
88-74-4	2-Nitroaniline	ND	390	79	ug/kg	
99-09-2	3-Nitroaniline	ND	390	79	ug/kg	
100-01-6	4-Nitroaniline	ND	390	79	ug/kg	
91-20-3	Naphthalene	ND	200	39	ug/kg	
98-95-3	Nitrobenzene	ND	200	39	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	200	39	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	200	79	ug/kg	
85-01-8	Phenanthrene	ND	200	39	ug/kg	
129-00-0	Pyrene	ND	200	39	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	200	39	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	68%		40-102%
4165-62-2	Phenol-d5	71%		41-100%
118-79-6	2,4,6-Tribromophenol	71%		42-108%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB23-6		
Lab Sample ID:	F67531-6	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/25/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	83.1
Project:	Holloman AFB; WPOL		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	65%		40-105%
321-60-8	2-Fluorobiphenyl	63%		43-107%
1718-51-0	Terphenyl-d14	70%		45-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB23-6		
Lab Sample ID:	F67531-6	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/25/09
Method:	SW846 8015 SW846 5035	**Percent Solids:**	83.1
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CD089591.D	1	09/02/09	JG	08/25/09 13:55	n/a	GCD3785
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.76 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	6.2	3.1	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	83%		56-136%
98-08-8	aaa-Trifluorotoluene	81%		61-121%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB23-6		
Lab Sample ID:	F67531-6	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/25/09
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	83.1
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LL27475.D	1	09/05/09	SL	08/31/09	OP30115	GLL1044
Run #2							

	Initial Weight	Final Volume
Run #1	29.6 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	10	6.1	mg/kg	
	TPH (> C22-C36)	ND	10	6.1	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	81%		49-108%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB23-6-A		
Lab Sample ID:	F67531-7	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/25/09
Method:	SW846 8260B SW846 5035	**Percent Solids:**	82.0
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	H057033.D	1	08/26/09	MM	08/25/09 13:55	n/a	VH2132
Run #2							

	Initial Weight
Run #1	5.72 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	53	27	ug/kg	
75-05-8	Acetonitrile	ND	53	17	ug/kg	
107-02-8	Acrolein	ND	27	10	ug/kg	
107-13-1	Acrylonitrile	ND	27	7.4	ug/kg	
107-05-1	Allyl chloride	ND	27	5.3	ug/kg	
71-43-2	Benzene	ND	5.3	1.1	ug/kg	
100-44-7	Benzyl Chloride	ND	5.3	1.2	ug/kg	
108-86-1	Bromobenzene	ND	5.3	1.1	ug/kg	
74-97-5	Bromochloromethane	ND	5.3	1.8	ug/kg	
75-27-4	Bromodichloromethane	ND	5.3	1.3	ug/kg	
75-25-2	Bromoform	ND	5.3	1.6	ug/kg	
104-51-8	n-Butylbenzene	ND	5.3	1.5	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.3	1.2	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.3	1.2	ug/kg	
108-90-7	Chlorobenzene	ND	5.3	1.1	ug/kg	
75-00-3	Chloroethane	ND	5.3	2.1	ug/kg	
67-66-3	Chloroform	ND	5.3	1.8	ug/kg	
544-10-5	1-Chlorohexane	ND	5.3	1.4	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.3	1.1	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.3	1.1	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	27	11	ug/kg	
75-15-0	Carbon disulfide	ND	5.3	1.2	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.3	1.5	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.3	2.1	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	5.3	1.4	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.3	1.5	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.3	2.6	ug/kg	
106-93-4	1,2-Dibromoethane	ND	5.3	1.1	ug/kg	
107-06-2	1,2-Dichloroethane	ND	5.3	1.2	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.3	1.5	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.3	1.1	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.3	2.2	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB23-6-A		
Lab Sample ID:	F67531-7	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/25/09
Method:	SW846 8260B SW846 5035	**Percent Solids:**	82.0
Project:	Holloman AFB; WPOL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	5.3	1.1	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.3	2.1	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	5.3	1.7	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.3	1.4	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	27	5.3	ug/kg	
541-73-1	m-Dichlorobenzene	ND	5.3	1.1	ug/kg	
95-50-1	o-Dichlorobenzene	ND	5.3	1.1	ug/kg	
106-46-7	p-Dichlorobenzene	ND	5.3	1.1	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	5.3	1.3	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.3	1.1	ug/kg	
100-41-4	Ethylbenzene	ND	5.3	1.1	ug/kg	
97-63-2	Ethyl methacrylate	ND	27	5.3	ug/kg	
76-13-1	Freon 113	ND	5.3	2.8	ug/kg	
591-78-6	2-Hexanone	ND	27	5.3	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.3	1.3	ug/kg	
110-54-3	Hexane	ND	5.3	2.6	ug/kg	
98-82-8	Isopropylbenzene	ND	5.3	1.2	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.3	1.2	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	27	6.8	ug/kg	
126-98-7	Methacrylonitrile	ND	27	5.9	ug/kg	
74-83-9	Methyl bromide	ND	5.3	2.3	ug/kg	
74-87-3	Methyl chloride	ND	5.3	2.6	ug/kg	
74-88-4	Methyl iodide	ND	11	2.1	ug/kg	
80-62-6	Methyl methacrylate	ND	27	5.3	ug/kg	
74-95-3	Methylene bromide	ND	5.3	1.6	ug/kg	
75-09-2	Methylene chloride	ND	11	5.3	ug/kg	
78-93-3	Methyl ethyl ketone	ND	27	8.8	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.3	1.6	ug/kg	
91-20-3	Naphthalene	ND	5.3	2.1	ug/kg	
76-01-7	Pentachloroethane	ND	27	5.3	ug/kg	
107-12-0	Propionitrile	ND	53	13	ug/kg	
103-65-1	n-Propylbenzene	ND	5.3	1.3	ug/kg	
100-42-5	Styrene	ND	5.3	1.1	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.3	1.1	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.3	1.2	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.3	1.9	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.3	1.1	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.3	2.1	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.3	2.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.3	2.1	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB23-6-A		
Lab Sample ID:	F67531-7	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/25/09
Method:	SW846 8260B SW846 5035	**Percent Solids:**	82.0
Project:	Holloman AFB; WPOL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	5.3	1.1	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.3	1.1	ug/kg	
127-18-4	Tetrachloroethylene	ND	5.3	1.3	ug/kg	
108-88-3	Toluene	ND	5.3	1.1	ug/kg	
79-01-6	Trichloroethylene	ND	5.3	1.3	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.3	2.1	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	27	5.3	ug/kg	
75-01-4	Vinyl chloride	ND	5.3	2.1	ug/kg	
108-05-4	Vinyl Acetate	ND	27	13	ug/kg	
	m,p-Xylene	ND	11	2.0	ug/kg	
95-47-6	o-Xylene	ND	5.3	1.1	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		80-121%
2037-26-5	Toluene-D8	91%		71-130%
460-00-4	4-Bromofluorobenzene	109%		59-148%
17060-07-0	1,2-Dichloroethane-D4	97%		77-123%

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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB23-6-A		
Lab Sample ID:	F67531-7	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/25/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	82.0
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	U013941.D	1	09/02/09	NAF	08/31/09	OP30114	SU673
Run #2							

	Initial Weight	Final Volume
Run #1	30.4 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1000	400	ug/kg	
95-57-8	2-Chlorophenol	ND	200	40	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	200	40	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	200	40	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	200	40	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1000	400	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	400	130	ug/kg	
95-48-7	2-Methylphenol	ND	200	40	ug/kg	
	3&4-Methylphenol	ND	200	40	ug/kg	
88-75-5	2-Nitrophenol	ND	200	40	ug/kg	
100-02-7	4-Nitrophenol	ND	1000	400	ug/kg	
87-86-5	Pentachlorophenol	ND	1000	400	ug/kg	
108-95-2	Phenol	ND	200	40	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	200	40	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	200	40	ug/kg	
83-32-9	Acenaphthene	ND	200	40	ug/kg	
208-96-8	Acenaphthylene	ND	200	40	ug/kg	
120-12-7	Anthracene	ND	200	40	ug/kg	
92-87-5	Benzidine	ND	2000	1000	ug/kg	
56-55-3	Benzo(a)anthracene	ND	200	40	ug/kg	
50-32-8	Benzo(a)pyrene	ND	200	40	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	200	40	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	200	40	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	200	40	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	200	40	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	400	80	ug/kg	
100-51-6	Benzyl Alcohol	ND	200	40	ug/kg	
91-58-7	2-Chloronaphthalene	ND	200	40	ug/kg	
106-47-8	4-Chloroaniline	ND	200	80	ug/kg	
218-01-9	Chrysene	ND	200	40	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	200	40	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	200	40	ug/kg	

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Report of Analysis

Client Sample ID:	WPOL-SB23-6-A		
Lab Sample ID:	F67531-7	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/25/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	82.0
Project:	Holloman AFB; WPOL		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	200	40	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	200	40	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	200	52	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	200	52	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	200	48	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	200	40	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	200	40	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	400	80	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	200	40	ug/kg	
132-64-9	Dibenzofuran	ND	200	40	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	400	80	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	400	80	ug/kg	
84-66-2	Diethyl phthalate	ND	400	200	ug/kg	
131-11-3	Dimethyl phthalate	ND	400	80	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	400	200	ug/kg	
206-44-0	Fluoranthene	ND	200	40	ug/kg	
86-73-7	Fluorene	ND	200	40	ug/kg	
118-74-1	Hexachlorobenzene	ND	200	40	ug/kg	
87-68-3	Hexachlorobutadiene	ND	200	40	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	200	40	ug/kg	
67-72-1	Hexachloroethane	ND	200	48	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	200	40	ug/kg	
78-59-1	Isophorone	ND	200	40	ug/kg	
91-57-6	2-Methylnaphthalene	ND	200	40	ug/kg	
88-74-4	2-Nitroaniline	ND	400	80	ug/kg	
99-09-2	3-Nitroaniline	ND	400	80	ug/kg	
100-01-6	4-Nitroaniline	ND	400	80	ug/kg	
91-20-3	Naphthalene	ND	200	40	ug/kg	
98-95-3	Nitrobenzene	ND	200	40	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	200	40	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	200	80	ug/kg	
85-01-8	Phenanthrene	ND	200	40	ug/kg	
129-00-0	Pyrene	ND	200	40	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	200	40	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	74%		40-102%
4165-62-2	Phenol-d5	77%		41-100%
118-79-6	2,4,6-Tribromophenol	75%		42-108%

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Report of Analysis

Client Sample ID:	WPOL-SB23-6-A		
Lab Sample ID:	F67531-7	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/25/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	82.0
Project:	Holloman AFB; WPOL		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	70%		40-105%
321-60-8	2-Fluorobiphenyl	68%		43-107%
1718-51-0	Terphenyl-d14	73%		45-119%

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J = Indicates an estimated value
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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB23-6-A		
Lab Sample ID:	F67531-7	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/25/09
Method:	SW846 8015 SW846 5035	**Percent Solids:**	82.0
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CD089592.D	1	09/02/09	JG	08/25/09 13:55	n/a	GCD3785
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.90 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	6.3	3.1	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	72%		56-136%
98-08-8	aaa-Trifluorotoluene	72%		61-121%

ND = Not detected MDL - Method Detection Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB23-6-A		
Lab Sample ID:	F67531-7	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/25/09
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	82.0
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LL27476.D	1	09/05/09	SL	08/31/09	OP30115	GLL1044
Run #2							

	Initial Weight	Final Volume
Run #1	29.8 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	10	6.1	mg/kg	
	TPH (> C22-C36)	ND	10	6.1	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	78%		49-108%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB23-10		
Lab Sample ID:	F67531-8	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/25/09
Method:	SW846 8260B SW846 5035	**Percent Solids:**	80.6
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	H057034.D	1	08/26/09	MM	08/25/09 13:55	n/a	VH2132
Run #2							

	Initial Weight
Run #1	5.50 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	56	28	ug/kg	
75-05-8	Acetonitrile	ND	56	18	ug/kg	
107-02-8	Acrolein	ND	28	11	ug/kg	
107-13-1	Acrylonitrile	ND	28	7.8	ug/kg	
107-05-1	Allyl chloride	ND	28	5.6	ug/kg	
71-43-2	Benzene	ND	5.6	1.1	ug/kg	
100-44-7	Benzyl Chloride	ND	5.6	1.2	ug/kg	
108-86-1	Bromobenzene	ND	5.6	1.1	ug/kg	
74-97-5	Bromochloromethane	ND	5.6	1.9	ug/kg	
75-27-4	Bromodichloromethane	ND	5.6	1.4	ug/kg	
75-25-2	Bromoform	ND	5.6	1.7	ug/kg	
104-51-8	n-Butylbenzene	ND	5.6	1.6	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.6	1.2	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.6	1.2	ug/kg	
108-90-7	Chlorobenzene	ND	5.6	1.1	ug/kg	
75-00-3	Chloroethane	ND	5.6	2.3	ug/kg	
67-66-3	Chloroform	ND	5.6	1.9	ug/kg	
544-10-5	1-Chlorohexane	ND	5.6	1.5	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.6	1.1	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.6	1.1	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	28	11	ug/kg	
75-15-0	Carbon disulfide	ND	5.6	1.2	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.6	1.6	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.6	2.3	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	5.6	1.5	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.6	1.6	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.6	2.7	ug/kg	
106-93-4	1,2-Dibromoethane	ND	5.6	1.1	ug/kg	
107-06-2	1,2-Dichloroethane	ND	5.6	1.2	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.6	1.6	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.6	1.1	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.6	2.4	ug/kg	

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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB23-10		
Lab Sample ID:	F67531-8	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/25/09
Method:	SW846 8260B SW846 5035	**Percent Solids:**	80.6
Project:	Holloman AFB; WPOL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	5.6	1.1	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.6	2.3	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	5.6	1.8	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.6	1.5	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	28	5.6	ug/kg	
541-73-1	m-Dichlorobenzene	ND	5.6	1.1	ug/kg	
95-50-1	o-Dichlorobenzene	ND	5.6	1.1	ug/kg	
106-46-7	p-Dichlorobenzene	ND	5.6	1.1	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	5.6	1.4	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.6	1.1	ug/kg	
100-41-4	Ethylbenzene	ND	5.6	1.1	ug/kg	
97-63-2	Ethyl methacrylate	ND	28	5.6	ug/kg	
76-13-1	Freon 113	ND	5.6	2.9	ug/kg	
591-78-6	2-Hexanone	ND	28	5.6	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.6	1.4	ug/kg	
110-54-3	Hexane	ND	5.6	2.7	ug/kg	
98-82-8	Isopropylbenzene	ND	5.6	1.2	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.6	1.2	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	28	7.2	ug/kg	
126-98-7	Methacrylonitrile	ND	28	6.2	ug/kg	
74-83-9	Methyl bromide	ND	5.6	2.5	ug/kg	
74-87-3	Methyl chloride	ND	5.6	2.7	ug/kg	
74-88-4	Methyl iodide	ND	11	2.3	ug/kg	
80-62-6	Methyl methacrylate	ND	28	5.6	ug/kg	
74-95-3	Methylene bromide	ND	5.6	1.7	ug/kg	
75-09-2	Methylene chloride	ND	11	5.6	ug/kg	
78-93-3	Methyl ethyl ketone	ND	28	9.4	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.6	1.7	ug/kg	
91-20-3	Naphthalene	ND	5.6	2.3	ug/kg	
76-01-7	Pentachloroethane	ND	28	5.6	ug/kg	
107-12-0	Propionitrile	ND	56	14	ug/kg	
103-65-1	n-Propylbenzene	ND	5.6	1.4	ug/kg	
100-42-5	Styrene	ND	5.6	1.1	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.6	1.1	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.6	1.2	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.6	2.0	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.6	1.1	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.6	2.3	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.6	2.1	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.6	2.3	ug/kg	

ND = Not detected MDL - Method Detection Limit
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Report of Analysis

Client Sample ID:	WPOL-SB23-10		
Lab Sample ID:	F67531-8	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/25/09
Method:	SW846 8260B SW846 5035	**Percent Solids:**	80.6
Project:	Holloman AFB; WPOL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	5.6	1.1	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.6	1.1	ug/kg	
127-18-4	Tetrachloroethylene	ND	5.6	1.4	ug/kg	
108-88-3	Toluene	ND	5.6	1.1	ug/kg	
79-01-6	Trichloroethylene	ND	5.6	1.4	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.6	2.3	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	28	5.6	ug/kg	
75-01-4	Vinyl chloride	ND	5.6	2.3	ug/kg	
108-05-4	Vinyl Acetate	ND	28	14	ug/kg	
	m,p-Xylene	ND	11	2.1	ug/kg	
95-47-6	o-Xylene	ND	5.6	1.1	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		80-121%
2037-26-5	Toluene-D8	91%		71-130%
460-00-4	4-Bromofluorobenzene	109%		59-148%
17060-07-0	1,2-Dichloroethane-D4	102%		77-123%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB23-10		
Lab Sample ID:	F67531-8	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/25/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	80.6
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	U013942.D	1	09/02/09	NAF	08/31/09	OP30114	SU673
Run #2							

	Initial Weight	Final Volume
Run #1	30.3 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1000	410	ug/kg	
95-57-8	2-Chlorophenol	ND	200	41	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	200	41	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	200	41	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	200	41	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1000	410	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	410	130	ug/kg	
95-48-7	2-Methylphenol	ND	200	41	ug/kg	
	3&4-Methylphenol	ND	200	41	ug/kg	
88-75-5	2-Nitrophenol	ND	200	41	ug/kg	
100-02-7	4-Nitrophenol	ND	1000	410	ug/kg	
87-86-5	Pentachlorophenol	ND	1000	410	ug/kg	
108-95-2	Phenol	ND	200	41	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	200	41	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	200	41	ug/kg	
83-32-9	Acenaphthene	ND	200	41	ug/kg	
208-96-8	Acenaphthylene	ND	200	41	ug/kg	
120-12-7	Anthracene	ND	200	41	ug/kg	
92-87-5	Benzidine	ND	2000	1000	ug/kg	
56-55-3	Benzo(a)anthracene	ND	200	41	ug/kg	
50-32-8	Benzo(a)pyrene	ND	200	41	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	200	41	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	200	41	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	200	41	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	200	41	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	410	82	ug/kg	
100-51-6	Benzyl Alcohol	ND	200	41	ug/kg	
91-58-7	2-Chloronaphthalene	ND	200	41	ug/kg	
106-47-8	4-Chloroaniline	ND	200	82	ug/kg	
218-01-9	Chrysene	ND	200	41	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	200	41	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	200	41	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB23-10		
Lab Sample ID:	F67531-8	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/25/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	80.6
Project:	Holloman AFB; WPOL		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	200	41	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	200	41	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	200	53	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	200	53	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	200	49	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	200	41	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	200	41	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	410	82	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	200	41	ug/kg	
132-64-9	Dibenzofuran	ND	200	41	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	410	82	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	410	82	ug/kg	
84-66-2	Diethyl phthalate	ND	410	200	ug/kg	
131-11-3	Dimethyl phthalate	ND	410	82	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	410	200	ug/kg	
206-44-0	Fluoranthene	ND	200	41	ug/kg	
86-73-7	Fluorene	ND	200	41	ug/kg	
118-74-1	Hexachlorobenzene	ND	200	41	ug/kg	
87-68-3	Hexachlorobutadiene	ND	200	41	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	200	41	ug/kg	
67-72-1	Hexachloroethane	ND	200	49	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	200	41	ug/kg	
78-59-1	Isophorone	ND	200	41	ug/kg	
91-57-6	2-Methylnaphthalene	ND	200	41	ug/kg	
88-74-4	2-Nitroaniline	ND	410	82	ug/kg	
99-09-2	3-Nitroaniline	ND	410	82	ug/kg	
100-01-6	4-Nitroaniline	ND	410	82	ug/kg	
91-20-3	Naphthalene	ND	200	41	ug/kg	
98-95-3	Nitrobenzene	ND	200	41	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	200	41	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	200	82	ug/kg	
85-01-8	Phenanthrene	ND	200	41	ug/kg	
129-00-0	Pyrene	ND	200	41	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	200	41	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	83%		40-102%
4165-62-2	Phenol-d5	87%		41-100%
118-79-6	2,4,6-Tribromophenol	81%		42-108%

ND = Not detected MDL - Method Detection Limit
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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB23-10		
Lab Sample ID:	F67531-8	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/25/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	80.6
Project:	Holloman AFB; WPOL		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	80%		40-105%
321-60-8	2-Fluorobiphenyl	76%		43-107%
1718-51-0	Terphenyl-d14	76%		45-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB23-10		
Lab Sample ID:	F67531-8	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/25/09
Method:	SW846 8015 SW846 5035	**Percent Solids:**	80.6
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CD089593.D	1	09/02/09	JG	08/25/09 13:55	n/a	GCD3785
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.58 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	6.8	3.4	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	82%		56-136%
98-08-8	aaa-Trifluorotoluene	78%		61-121%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB23-10		
Lab Sample ID:	F67531-8	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/25/09
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	80.6
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LL27477.D	1	09/05/09	SL	08/31/09	OP30115	GLL1044
Run #2							

	Initial Weight	Final Volume
Run #1	30.4 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	10	6.1	mg/kg	
	TPH (> C22-C36)	ND	10	6.1	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	85%		49-108%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB26-2		
Lab Sample ID:	F67531-9	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/25/09
Method:	SW846 8260B SW846 5035	**Percent Solids:**	85.0
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G0059898.D	1	08/27/09	MM	08/25/09 13:55	n/a	VG2257
Run #2							

	Initial Weight
Run #1	6.24 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	24.4	47	24	ug/kg	J
75-05-8	Acetonitrile	ND	47	15	ug/kg	
107-02-8	Acrolein	ND	24	9.2	ug/kg	
107-13-1	Acrylonitrile	ND	24	6.5	ug/kg	
107-05-1	Allyl chloride	ND	24	4.7	ug/kg	
71-43-2	Benzene	ND	4.7	0.94	ug/kg	
100-44-7	Benzyl Chloride	ND	4.7	1.0	ug/kg	
108-86-1	Bromobenzene	ND	4.7	0.94	ug/kg	
74-97-5	Bromochloromethane	ND	4.7	1.6	ug/kg	
75-27-4	Bromodichloromethane	ND	4.7	1.1	ug/kg	
75-25-2	Bromoform	ND	4.7	1.4	ug/kg	
104-51-8	n-Butylbenzene	ND	4.7	1.3	ug/kg	
135-98-8	sec-Butylbenzene	ND	4.7	1.0	ug/kg	
98-06-6	tert-Butylbenzene	ND	4.7	1.0	ug/kg	
108-90-7	Chlorobenzene	ND	4.7	0.94	ug/kg	
75-00-3	Chloroethane	ND	4.7	1.9	ug/kg	
67-66-3	Chloroform	ND	4.7	1.6	ug/kg	
544-10-5	1-Chlorohexane	ND	4.7	1.2	ug/kg	
95-49-8	o-Chlorotoluene	ND	4.7	0.94	ug/kg	
106-43-4	p-Chlorotoluene	ND	4.7	0.94	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	24	9.4	ug/kg	
75-15-0	Carbon disulfide	ND	4.7	1.0	ug/kg	
56-23-5	Carbon tetrachloride	ND	4.7	1.3	ug/kg	
75-34-3	1,1-Dichloroethane	ND	4.7	1.9	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	4.7	1.2	ug/kg	
563-58-6	1,1-Dichloropropene	ND	4.7	1.3	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	4.7	2.3	ug/kg	
106-93-4	1,2-Dibromoethane	ND	4.7	0.94	ug/kg	
107-06-2	1,2-Dichloroethane	ND	4.7	1.0	ug/kg	
78-87-5	1,2-Dichloropropane	ND	4.7	1.3	ug/kg	
142-28-9	1,3-Dichloropropane	ND	4.7	0.94	ug/kg	
594-20-7	2,2-Dichloropropane	ND	4.7	2.0	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB26-2		
Lab Sample ID:	F67531-9	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/25/09
Method:	SW846 8260B SW846 5035	**Percent Solids:**	85.0
Project:	Holloman AFB; WPOL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	4.7	0.94	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	4.7	1.9	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	4.7	1.5	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	4.7	1.2	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	24	4.7	ug/kg	
541-73-1	m-Dichlorobenzene	ND	4.7	0.94	ug/kg	
95-50-1	o-Dichlorobenzene	ND	4.7	0.94	ug/kg	
106-46-7	p-Dichlorobenzene	ND	4.7	0.94	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	4.7	1.1	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	4.7	0.94	ug/kg	
100-41-4	Ethylbenzene	ND	4.7	0.94	ug/kg	
97-63-2	Ethyl methacrylate	ND	24	4.7	ug/kg	
76-13-1	Freon 113	ND	4.7	2.5	ug/kg	
591-78-6	2-Hexanone	ND	24	4.7	ug/kg	
87-68-3	Hexachlorobutadiene	ND	4.7	1.1	ug/kg	
110-54-3	Hexane	ND	4.7	2.3	ug/kg	
98-82-8	Isopropylbenzene	ND	4.7	1.0	ug/kg	
99-87-6	p-Isopropyltoluene	ND	4.7	1.0	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	24	6.0	ug/kg	
126-98-7	Methacrylonitrile	ND	24	5.2	ug/kg	
74-83-9	Methyl bromide	ND	4.7	2.1	ug/kg	
74-87-3	Methyl chloride	ND	4.7	2.3	ug/kg	
74-88-4	Methyl iodide	ND	9.4	1.9	ug/kg	
80-62-6	Methyl methacrylate	ND	24	4.7	ug/kg	
74-95-3	Methylene bromide	ND	4.7	1.4	ug/kg	
75-09-2	Methylene chloride	ND	9.4	4.7	ug/kg	
78-93-3	Methyl ethyl ketone	ND	24	7.8	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	4.7	1.4	ug/kg	
91-20-3	Naphthalene	ND	4.7	1.9	ug/kg	
76-01-7	Pentachloroethane	ND	24	4.7	ug/kg	
107-12-0	Propionitrile	ND	47	11	ug/kg	
103-65-1	n-Propylbenzene	ND	4.7	1.1	ug/kg	
100-42-5	Styrene	ND	4.7	0.94	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	4.7	0.94	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	4.7	1.0	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	4.7	1.7	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	4.7	0.94	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	4.7	1.9	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	4.7	1.8	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	4.7	1.9	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB26-2		
Lab Sample ID:	F67531-9	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/25/09
Method:	SW846 8260B SW846 5035	**Percent Solids:**	85.0
Project:	Holloman AFB; WPOL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	4.7	0.94	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	4.7	0.94	ug/kg	
127-18-4	Tetrachloroethylene	ND	4.7	1.1	ug/kg	
108-88-3	Toluene	ND	4.7	0.94	ug/kg	
79-01-6	Trichloroethylene	ND	4.7	1.1	ug/kg	
75-69-4	Trichlorofluoromethane	ND	4.7	1.9	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	24	4.7	ug/kg	
75-01-4	Vinyl chloride	ND	4.7	1.9	ug/kg	
108-05-4	Vinyl Acetate	ND	24	11	ug/kg	
	m,p-Xylene	ND	9.4	1.8	ug/kg	
95-47-6	o-Xylene	ND	4.7	0.94	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		80-121%
2037-26-5	Toluene-D8	90%		71-130%
460-00-4	4-Bromofluorobenzene	103%		59-148%
17060-07-0	1,2-Dichloroethane-D4	106%		77-123%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB26-2		
Lab Sample ID:	F67531-9	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/25/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	85.0
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	U013943.D	1	09/02/09	NAF	08/31/09	OP30114	SU673
Run #2							

	Initial Weight	Final Volume
Run #1	30.5 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	960	390	ug/kg	
95-57-8	2-Chlorophenol	ND	190	39	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	190	39	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	190	39	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	190	39	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	960	390	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	390	120	ug/kg	
95-48-7	2-Methylphenol	ND	190	39	ug/kg	
	3&4-Methylphenol	ND	190	39	ug/kg	
88-75-5	2-Nitrophenol	ND	190	39	ug/kg	
100-02-7	4-Nitrophenol	ND	960	390	ug/kg	
87-86-5	Pentachlorophenol	ND	960	390	ug/kg	
108-95-2	Phenol	ND	190	39	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	190	39	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	190	39	ug/kg	
83-32-9	Acenaphthene	ND	190	39	ug/kg	
208-96-8	Acenaphthylene	ND	190	39	ug/kg	
120-12-7	Anthracene	ND	190	39	ug/kg	
92-87-5	Benzidine	ND	1900	960	ug/kg	
56-55-3	Benzo(a)anthracene	ND	190	39	ug/kg	
50-32-8	Benzo(a)pyrene	ND	190	39	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	190	39	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	190	39	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	190	39	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	190	39	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	390	77	ug/kg	
100-51-6	Benzyl Alcohol	ND	190	39	ug/kg	
91-58-7	2-Chloronaphthalene	ND	190	39	ug/kg	
106-47-8	4-Chloroaniline	ND	190	77	ug/kg	
218-01-9	Chrysene	ND	190	39	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	190	39	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	190	39	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB26-2		
Lab Sample ID:	F67531-9	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/25/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	85.0
Project:	Holloman AFB; WPOL		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	190	39	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	190	39	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	190	50	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	190	50	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	190	46	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	190	39	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	190	39	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	390	77	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	190	39	ug/kg	
132-64-9	Dibenzofuran	ND	190	39	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	390	77	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	390	77	ug/kg	
84-66-2	Diethyl phthalate	ND	390	190	ug/kg	
131-11-3	Dimethyl phthalate	ND	390	77	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	390	190	ug/kg	
206-44-0	Fluoranthene	ND	190	39	ug/kg	
86-73-7	Fluorene	ND	190	39	ug/kg	
118-74-1	Hexachlorobenzene	ND	190	39	ug/kg	
87-68-3	Hexachlorobutadiene	ND	190	39	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	190	39	ug/kg	
67-72-1	Hexachloroethane	ND	190	46	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	190	39	ug/kg	
78-59-1	Isophorone	ND	190	39	ug/kg	
91-57-6	2-Methylnaphthalene	ND	190	39	ug/kg	
88-74-4	2-Nitroaniline	ND	390	77	ug/kg	
99-09-2	3-Nitroaniline	ND	390	77	ug/kg	
100-01-6	4-Nitroaniline	ND	390	77	ug/kg	
91-20-3	Naphthalene	ND	190	39	ug/kg	
98-95-3	Nitrobenzene	ND	190	39	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	190	39	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	190	77	ug/kg	
85-01-8	Phenanthrene	ND	190	39	ug/kg	
129-00-0	Pyrene	ND	190	39	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	190	39	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	78%		40-102%
4165-62-2	Phenol-d5	82%		41-100%
118-79-6	2,4,6-Tribromophenol	77%		42-108%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB26-2		
Lab Sample ID:	F67531-9	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/25/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	85.0
Project:	Holloman AFB; WPOL		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	72%		40-105%
321-60-8	2-Fluorobiphenyl	69%		43-107%
1718-51-0	Terphenyl-d14	71%		45-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB26-2		
Lab Sample ID:	F67531-9	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/25/09
Method:	SW846 8015 SW846 5035	**Percent Solids:**	85.0
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CD089594.D	1	09/02/09	JG	08/25/09 13:55	n/a	GCD3785
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.54 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	6.2	3.1	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	80%		56-136%
98-08-8	aaa-Trifluorotoluene	79%		61-121%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB26-2		
Lab Sample ID:	F67531-9	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/25/09
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	85.0
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LL27481.D	1	09/05/09	SL	09/02/09	OP30138	GLL1044
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	9.8	5.9	mg/kg	
	TPH (> C22-C36)	12.1	9.8	5.9	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	82%		49-108%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB26-10		
Lab Sample ID:	F67531-10	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/25/09
Method:	SW846 8260B SW846 5035	**Percent Solids:**	82.2
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	H057036.D	1	08/26/09	MM	08/25/09 13:55	n/a	VH2132
Run #2							

	Initial Weight
Run #1	5.94 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	51	26	ug/kg	
75-05-8	Acetonitrile	ND	51	16	ug/kg	
107-02-8	Acrolein	ND	26	10	ug/kg	
107-13-1	Acrylonitrile	ND	26	7.1	ug/kg	
107-05-1	Allyl chloride	ND	26	5.1	ug/kg	
71-43-2	Benzene	ND	5.1	1.0	ug/kg	
100-44-7	Benzyl Chloride	ND	5.1	1.1	ug/kg	
108-86-1	Bromobenzene	ND	5.1	1.0	ug/kg	
74-97-5	Bromochloromethane	ND	5.1	1.7	ug/kg	
75-27-4	Bromodichloromethane	ND	5.1	1.2	ug/kg	
75-25-2	Bromoform	ND	5.1	1.5	ug/kg	
104-51-8	n-Butylbenzene	ND	5.1	1.4	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.1	1.1	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.1	1.1	ug/kg	
108-90-7	Chlorobenzene	ND	5.1	1.0	ug/kg	
75-00-3	Chloroethane	ND	5.1	2.0	ug/kg	
67-66-3	Chloroform	ND	5.1	1.7	ug/kg	
544-10-5	1-Chlorohexane	ND	5.1	1.3	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.1	1.0	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.1	1.0	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	26	10	ug/kg	
75-15-0	Carbon disulfide	ND	5.1	1.1	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.1	1.4	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.1	2.0	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	5.1	1.3	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.1	1.4	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.1	2.5	ug/kg	
106-93-4	1,2-Dibromoethane	ND	5.1	1.0	ug/kg	
107-06-2	1,2-Dichloroethane	ND	5.1	1.1	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.1	1.4	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.1	1.0	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.1	2.2	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB26-10		
Lab Sample ID:	F67531-10	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/25/09
Method:	SW846 8260B SW846 5035	**Percent Solids:**	82.2
Project:	Holloman AFB; WPOL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	5.1	1.0	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.1	2.0	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	5.1	1.6	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.1	1.3	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	26	5.1	ug/kg	
541-73-1	m-Dichlorobenzene	ND	5.1	1.0	ug/kg	
95-50-1	o-Dichlorobenzene	ND	5.1	1.0	ug/kg	
106-46-7	p-Dichlorobenzene	ND	5.1	1.0	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	5.1	1.2	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.1	1.0	ug/kg	
100-41-4	Ethylbenzene	ND	5.1	1.0	ug/kg	
97-63-2	Ethyl methacrylate	ND	26	5.1	ug/kg	
76-13-1	Freon 113	ND	5.1	2.7	ug/kg	
591-78-6	2-Hexanone	ND	26	5.1	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.1	1.2	ug/kg	
110-54-3	Hexane	ND	5.1	2.5	ug/kg	
98-82-8	Isopropylbenzene	ND	5.1	1.1	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.1	1.1	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	26	6.6	ug/kg	
126-98-7	Methacrylonitrile	ND	26	5.6	ug/kg	
74-83-9	Methyl bromide	ND	5.1	2.3	ug/kg	
74-87-3	Methyl chloride	ND	5.1	2.5	ug/kg	
74-88-4	Methyl iodide	ND	10	2.0	ug/kg	
80-62-6	Methyl methacrylate	ND	26	5.1	ug/kg	
74-95-3	Methylene bromide	ND	5.1	1.5	ug/kg	
75-09-2	Methylene chloride [a]	21.9	10	5.1	ug/kg	B
78-93-3	Methyl ethyl ketone	ND	26	8.5	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.1	1.5	ug/kg	
91-20-3	Naphthalene	ND	5.1	2.0	ug/kg	
76-01-7	Pentachloroethane	ND	26	5.1	ug/kg	
107-12-0	Propionitrile	ND	51	12	ug/kg	
103-65-1	n-Propylbenzene	ND	5.1	1.2	ug/kg	
100-42-5	Styrene	ND	5.1	1.0	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.1	1.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.1	1.1	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.1	1.8	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.1	1.0	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.1	2.0	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.1	1.9	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.1	2.0	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB26-10		
Lab Sample ID:	F67531-10	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/25/09
Method:	SW846 8260B SW846 5035	**Percent Solids:**	82.2
Project:	Holloman AFB; WPOL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	5.1	1.0	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.1	1.0	ug/kg	
127-18-4	Tetrachloroethylene	ND	5.1	1.2	ug/kg	
108-88-3	Toluene	ND	5.1	1.0	ug/kg	
79-01-6	Trichloroethylene	ND	5.1	1.2	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.1	2.0	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	26	5.1	ug/kg	
75-01-4	Vinyl chloride	ND	5.1	2.0	ug/kg	
108-05-4	Vinyl Acetate	ND	26	12	ug/kg	
	m,p-Xylene	ND	10	1.9	ug/kg	
95-47-6	o-Xylene	ND	5.1	1.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		80-121%
2037-26-5	Toluene-D8	92%		71-130%
460-00-4	4-Bromofluorobenzene	111%		59-148%
17060-07-0	1,2-Dichloroethane-D4	98%		77-123%

(a) Suspected laboratory contaminant.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB26-10		
Lab Sample ID:	F67531-10	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/25/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	82.2
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	U013944.D	1	09/02/09	NAF	08/31/09	OP30114	SU673
Run #2							

	Initial Weight	Final Volume
Run #1	30.2 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1000	400	ug/kg	
95-57-8	2-Chlorophenol	ND	200	40	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	200	40	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	200	40	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	200	40	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1000	400	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	400	130	ug/kg	
95-48-7	2-Methylphenol	ND	200	40	ug/kg	
	3&4-Methylphenol	ND	200	40	ug/kg	
88-75-5	2-Nitrophenol	ND	200	40	ug/kg	
100-02-7	4-Nitrophenol	ND	1000	400	ug/kg	
87-86-5	Pentachlorophenol	ND	1000	400	ug/kg	
108-95-2	Phenol	ND	200	40	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	200	40	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	200	40	ug/kg	
83-32-9	Acenaphthene	ND	200	40	ug/kg	
208-96-8	Acenaphthylene	ND	200	40	ug/kg	
120-12-7	Anthracene	ND	200	40	ug/kg	
92-87-5	Benzidine	ND	2000	1000	ug/kg	
56-55-3	Benzo(a)anthracene	ND	200	40	ug/kg	
50-32-8	Benzo(a)pyrene	ND	200	40	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	200	40	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	200	40	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	200	40	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	200	40	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	400	81	ug/kg	
100-51-6	Benzyl Alcohol	ND	200	40	ug/kg	
91-58-7	2-Chloronaphthalene	ND	200	40	ug/kg	
106-47-8	4-Chloroaniline	ND	200	81	ug/kg	
218-01-9	Chrysene	ND	200	40	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	200	40	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	200	40	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB26-10		
Lab Sample ID:	F67531-10	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/25/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	82.2
Project:	Holloman AFB; WPOL		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	200	40	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	200	40	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	200	52	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	200	52	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	200	48	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	200	40	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	200	40	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	400	81	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	200	40	ug/kg	
132-64-9	Dibenzofuran	ND	200	40	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	400	81	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	400	81	ug/kg	
84-66-2	Diethyl phthalate	ND	400	200	ug/kg	
131-11-3	Dimethyl phthalate	ND	400	81	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	400	200	ug/kg	
206-44-0	Fluoranthene	ND	200	40	ug/kg	
86-73-7	Fluorene	ND	200	40	ug/kg	
118-74-1	Hexachlorobenzene	ND	200	40	ug/kg	
87-68-3	Hexachlorobutadiene	ND	200	40	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	200	40	ug/kg	
67-72-1	Hexachloroethane	ND	200	48	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	200	40	ug/kg	
78-59-1	Isophorone	ND	200	40	ug/kg	
91-57-6	2-Methylnaphthalene	ND	200	40	ug/kg	
88-74-4	2-Nitroaniline	ND	400	81	ug/kg	
99-09-2	3-Nitroaniline	ND	400	81	ug/kg	
100-01-6	4-Nitroaniline	ND	400	81	ug/kg	
91-20-3	Naphthalene	ND	200	40	ug/kg	
98-95-3	Nitrobenzene	ND	200	40	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	200	40	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	200	81	ug/kg	
85-01-8	Phenanthrene	ND	200	40	ug/kg	
129-00-0	Pyrene	ND	200	40	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	200	40	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	76%		40-102%
4165-62-2	Phenol-d5	79%		41-100%
118-79-6	2,4,6-Tribromophenol	73%		42-108%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB26-10		
Lab Sample ID:	F67531-10	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/25/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	82.2
Project:	Holloman AFB; WPOL		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	72%		40-105%
321-60-8	2-Fluorobiphenyl	68%		43-107%
1718-51-0	Terphenyl-d14	71%		45-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB26-10		
Lab Sample ID:	F67531-10	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/25/09
Method:	SW846 8015 SW846 5035	**Percent Solids:**	82.2
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CD089595.D	1	09/02/09	JG	08/25/09 13:55	n/a	GCD3785
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.62 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	6.5	3.2	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	81%		56-136%
98-08-8	aaa-Trifluorotoluene	77%		61-121%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB26-10		
Lab Sample ID:	F67531-10	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/25/09
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	82.2
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LL27482.D	1	09/05/09	SL	09/02/09	OP30138	GLL1044
Run #2							

	Initial Weight	Final Volume
Run #1	30.0 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	10	6.1	mg/kg	
	TPH (> C22-C36)	ND	10	6.1	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	79%		49-108%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK COOLER 5		
Lab Sample ID:	F67531-11	**Date Sampled:**	08/24/09
Matrix:	SO - Trip Blank Soil	**Date Received:**	08/25/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	H057037.D	1	08/26/09	MM	n/a	n/a	VH2132
Run #2							

	Initial Weight
Run #1	5.00 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	50	25	ug/kg	
75-05-8	Acetonitrile	ND	50	16	ug/kg	
107-02-8	Acrolein	ND	25	9.8	ug/kg	
107-13-1	Acrylonitrile	ND	25	6.9	ug/kg	
107-05-1	Allyl chloride	ND	25	5.0	ug/kg	
71-43-2	Benzene	ND	5.0	1.0	ug/kg	
100-44-7	Benzyl Chloride	ND	5.0	1.1	ug/kg	
108-86-1	Bromobenzene	ND	5.0	1.0	ug/kg	
74-97-5	Bromochloromethane	ND	5.0	1.7	ug/kg	
75-27-4	Bromodichloromethane	ND	5.0	1.2	ug/kg	
75-25-2	Bromoform	ND	5.0	1.5	ug/kg	
104-51-8	n-Butylbenzene	ND	5.0	1.4	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.0	1.1	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.0	1.1	ug/kg	
108-90-7	Chlorobenzene	ND	5.0	1.0	ug/kg	
75-00-3	Chloroethane	ND	5.0	2.0	ug/kg	
67-66-3	Chloroform	ND	5.0	1.7	ug/kg	
544-10-5	1-Chlorohexane	ND	5.0	1.3	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.0	1.0	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.0	1.0	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	25	10	ug/kg	
75-15-0	Carbon disulfide	ND	5.0	1.1	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.0	1.4	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.0	2.0	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	5.0	1.3	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.0	1.4	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	2.4	ug/kg	
106-93-4	1,2-Dibromoethane	ND	5.0	1.0	ug/kg	
107-06-2	1,2-Dichloroethane	ND	5.0	1.1	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.0	1.4	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.0	1.0	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.0	2.1	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK COOLER 5		
Lab Sample ID:	F67531-11	**Date Sampled:**	08/24/09
Matrix:	SO - Trip Blank Soil	**Date Received:**	08/25/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Holloman AFB; WPOL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	5.0	1.0	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	2.0	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	5.0	1.6	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	1.3	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	25	5.0	ug/kg	
541-73-1	m-Dichlorobenzene	ND	5.0	1.0	ug/kg	
95-50-1	o-Dichlorobenzene	ND	5.0	1.0	ug/kg	
106-46-7	p-Dichlorobenzene	ND	5.0	1.0	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	5.0	1.2	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	1.0	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	1.0	ug/kg	
97-63-2	Ethyl methacrylate	ND	25	5.0	ug/kg	
76-13-1	Freon 113	ND	5.0	2.6	ug/kg	
591-78-6	2-Hexanone	ND	25	5.0	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.0	1.2	ug/kg	
110-54-3	Hexane	ND	5.0	2.4	ug/kg	
98-82-8	Isopropylbenzene	ND	5.0	1.1	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.0	1.1	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	25	6.4	ug/kg	
126-98-7	Methacrylonitrile	ND	25	5.5	ug/kg	
74-83-9	Methyl bromide	ND	5.0	2.2	ug/kg	
74-87-3	Methyl chloride	ND	5.0	2.4	ug/kg	
74-88-4	Methyl iodide	ND	10	2.0	ug/kg	
80-62-6	Methyl methacrylate	ND	25	5.0	ug/kg	
74-95-3	Methylene bromide	ND	5.0	1.5	ug/kg	
75-09-2	Methylene chloride [a]	9.3	10	5.0	ug/kg	JB
78-93-3	Methyl ethyl ketone	ND	25	8.3	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	1.5	ug/kg	
91-20-3	Naphthalene	ND	5.0	2.0	ug/kg	
76-01-7	Pentachloroethane	ND	25	5.0	ug/kg	
107-12-0	Propionitrile	ND	50	12	ug/kg	
103-65-1	n-Propylbenzene	ND	5.0	1.2	ug/kg	
100-42-5	Styrene	ND	5.0	1.0	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	1.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.0	1.1	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	1.8	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.0	1.0	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	2.0	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.9	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	2.0	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK COOLER 5		
Lab Sample ID:	F67531-11	**Date Sampled:**	08/24/09
Matrix:	SO - Trip Blank Soil	**Date Received:**	08/25/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Holloman AFB; WPOL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	1.0	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	1.0	ug/kg	
127-18-4	Tetrachloroethylene	ND	5.0	1.2	ug/kg	
108-88-3	Toluene	ND	5.0	1.0	ug/kg	
79-01-6	Trichloroethylene	ND	5.0	1.2	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	2.0	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	25	5.0	ug/kg	
75-01-4	Vinyl chloride	ND	5.0	2.0	ug/kg	
108-05-4	Vinyl Acetate	ND	25	12	ug/kg	
	m,p-Xylene	ND	10	1.9	ug/kg	
95-47-6	o-Xylene	ND	5.0	1.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		80-121%
2037-26-5	Toluene-D8	92%		71-130%
460-00-4	4-Bromofluorobenzene	114%		59-148%
17060-07-0	1,2-Dichloroethane-D4	100%		77-123%

(a) Suspected laboratory contaminant.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK COOLER 6		
Lab Sample ID:	F67531-12	**Date Sampled:**	08/24/09
Matrix:	SO - Trip Blank Soil	**Date Received:**	08/25/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	H057038.D	1	08/26/09	MM	n/a	n/a	VH2132
Run #2							

	Initial Weight
Run #1	5.00 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	50	25	ug/kg	
75-05-8	Acetonitrile	ND	50	16	ug/kg	
107-02-8	Acrolein	ND	25	9.8	ug/kg	
107-13-1	Acrylonitrile	ND	25	6.9	ug/kg	
107-05-1	Allyl chloride	ND	25	5.0	ug/kg	
71-43-2	Benzene	ND	5.0	1.0	ug/kg	
100-44-7	Benzyl Chloride	ND	5.0	1.1	ug/kg	
108-86-1	Bromobenzene	ND	5.0	1.0	ug/kg	
74-97-5	Bromochloromethane	ND	5.0	1.7	ug/kg	
75-27-4	Bromodichloromethane	ND	5.0	1.2	ug/kg	
75-25-2	Bromoform	ND	5.0	1.5	ug/kg	
104-51-8	n-Butylbenzene	ND	5.0	1.4	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.0	1.1	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.0	1.1	ug/kg	
108-90-7	Chlorobenzene	ND	5.0	1.0	ug/kg	
75-00-3	Chloroethane	ND	5.0	2.0	ug/kg	
67-66-3	Chloroform	ND	5.0	1.7	ug/kg	
544-10-5	1-Chlorohexane	ND	5.0	1.3	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.0	1.0	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.0	1.0	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	25	10	ug/kg	
75-15-0	Carbon disulfide	ND	5.0	1.1	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.0	1.4	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.0	2.0	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	5.0	1.3	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.0	1.4	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	2.4	ug/kg	
106-93-4	1,2-Dibromoethane	ND	5.0	1.0	ug/kg	
107-06-2	1,2-Dichloroethane	ND	5.0	1.1	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.0	1.4	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.0	1.0	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.0	2.1	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK COOLER 6		
Lab Sample ID:	F67531-12	**Date Sampled:**	08/24/09
Matrix:	SO - Trip Blank Soil	**Date Received:**	08/25/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Holloman AFB; WPOL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	5.0	1.0	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	2.0	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	5.0	1.6	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	1.3	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	25	5.0	ug/kg	
541-73-1	m-Dichlorobenzene	ND	5.0	1.0	ug/kg	
95-50-1	o-Dichlorobenzene	ND	5.0	1.0	ug/kg	
106-46-7	p-Dichlorobenzene	ND	5.0	1.0	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	5.0	1.2	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	1.0	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	1.0	ug/kg	
97-63-2	Ethyl methacrylate	ND	25	5.0	ug/kg	
76-13-1	Freon 113	ND	5.0	2.6	ug/kg	
591-78-6	2-Hexanone	ND	25	5.0	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.0	1.2	ug/kg	
110-54-3	Hexane	ND	5.0	2.4	ug/kg	
98-82-8	Isopropylbenzene	ND	5.0	1.1	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.0	1.1	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	25	6.4	ug/kg	
126-98-7	Methacrylonitrile	ND	25	5.5	ug/kg	
74-83-9	Methyl bromide	ND	5.0	2.2	ug/kg	
74-87-3	Methyl chloride	ND	5.0	2.4	ug/kg	
74-88-4	Methyl iodide	ND	10	2.0	ug/kg	
80-62-6	Methyl methacrylate	ND	25	5.0	ug/kg	
74-95-3	Methylene bromide	ND	5.0	1.5	ug/kg	
75-09-2	Methylene chloride [a]	6.5	10	5.0	ug/kg	JB
78-93-3	Methyl ethyl ketone	ND	25	8.3	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	1.5	ug/kg	
91-20-3	Naphthalene	ND	5.0	2.0	ug/kg	
76-01-7	Pentachloroethane	ND	25	5.0	ug/kg	
107-12-0	Propionitrile	ND	50	12	ug/kg	
103-65-1	n-Propylbenzene	ND	5.0	1.2	ug/kg	
100-42-5	Styrene	ND	5.0	1.0	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	1.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.0	1.1	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	1.8	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.0	1.0	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	2.0	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.9	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	2.0	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK COOLER 6		
Lab Sample ID:	F67531-12	**Date Sampled:**	08/24/09
Matrix:	SO - Trip Blank Soil	**Date Received:**	08/25/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Holloman AFB; WPOL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	1.0	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	1.0	ug/kg	
127-18-4	Tetrachloroethylene	ND	5.0	1.2	ug/kg	
108-88-3	Toluene	ND	5.0	1.0	ug/kg	
79-01-6	Trichloroethylene	ND	5.0	1.2	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	2.0	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	25	5.0	ug/kg	
75-01-4	Vinyl chloride	ND	5.0	2.0	ug/kg	
108-05-4	Vinyl Acetate	ND	25	12	ug/kg	
	m,p-Xylene	ND	10	1.9	ug/kg	
95-47-6	o-Xylene	ND	5.0	1.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		80-121%
2037-26-5	Toluene-D8	92%		71-130%
460-00-4	4-Bromofluorobenzene	110%		59-148%
17060-07-0	1,2-Dichloroethane-D4	101%		77-123%

(a) Suspected laboratory contaminant.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Certification Exceptions
- Chain of Custody

NATIONVIEW

PO#: 09-0145

F67531

Page: 1 of 2

NationView Project No: 8090012.01.010

COC Number[1]: 8-24-09 (4)

LIMS Number:

Chain of Custody and Analytical Request

Facility/Base I.D.: Holloman AFB

Project/Site Name: WPOL

Client Name: USACE

Collected by: Dustin McNeil, 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	VOCs (8260B)	SVOCs (8270C)	TPH-GRO, DRO, ORO (8015B)							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	WPOL-SB22-6		24 Aug 09	0935	-	N		SO	5	X	X	X										5
2	WPOL-SB22-10		24 Aug 09	0945	-	N		SO	5	X	X	X										5
2	WPOL-SB22-10-MS		24 Aug 09	0945	-	MS		SO	5	X	X	X										5
2	WPOL-SB22-10-MSD		24 Aug 09	0945		SD		SO	5	X	X	X										5
3	WPOL-SB24-8		24 Aug 09	1015		N		SO	5	X	X	X										5
4	WPOL-SB24-8-a		24 Aug 09	1015	-	FD		SO	5	X	X	X										5
5	WPOL-SB24-10		24 Aug 09	1025	-	N		SO	5	X	X	X										6
6	WPOL-SB23-6		24 Aug 09	1100	-	N		SO	5	X	X	X										6
7	WPOL-SB23-6-a		24 Aug 09	1100	-	FD		SO	5	X	X	X										6
8	WPOL-SB23-10		24 Aug 09	1110	-	N		SO	5	X	X	X										6
9	WPOL-SB26-2		24 Aug 09	1145	-	N		SO	5	X	X	X										6

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

	Relinquished by (signed)	Date	Time	Received by (signed)	Date	Time
1.	[signature]	8-24-09	1500	[signature]		
2.	[signature]			[signature] / Accutest	8-25-09	10:30
3.						

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab:

Method of Shipment:

Analytical Lab:

Lab Recipient:

Shipped No.:

Airbill Number:

Delivery Location:

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 (-e) 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 (-c)

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

2.8

2.0

F67531: Chain of Custody

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NATIONVIEW

PO#: 09-0145

F67531

Page: 2 of 2

NationView Project No: 80°0012.01.010

COC Number[1]: 8-24-09 (4)

LIMS Number:

Chain of Custody and Analytical Request

Facility/Base I.D.: Holloman AFB

Project/Site Name: WPOL

Client Name: USACE

Collected by: Dustin McNeil, 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	VOCs (8260B)	SVOCs (8270C)	TPH-GRO, DRO, ORO (8015B)								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]			
10	WPOL-SB26	-10	24 Aug 09	1155	-	N		SO	5	X	X	X											6
11	Trip Blank	Cooler 5	24 Aug 09	0935	-	TB		WQ	3	X													5
12	Trip Blank	Cooler 6	24 Aug 09	1025	-	TB		WQ	3	X													6

COMMENTS:

Custody Transfers Prior to Receipt by Laboratory

	Relinquished by (Signed)	Date	Time	Received by (signed)	Date	Time
1.	[signature]	8-24-09	1500	[signature]		
2.	[signature]					
3.				Carl Accutest	8-25-09	10:30

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

2.8
2.0

4.1
4

F67531: Chain of Custody
Page 2 of 3

ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: F67531 CLIENT: Nationview PROJECT: WPOL

DATE/TIME RECEIVED: 8.25.09 10:30 # OF COOLERS RECEIVED: 2 COOLER TEMPS: 2.8 2.0

METHOD OF DELIVERY: FEDEX UPS ACCUTEST COURIER GREYHOUND DELIVERY OTHER

AIRBILL NUMBERS: 869 9944 3591

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
- [ ] WET ICE RECEIVED IN COOLER

TRIP BLANK INFORMATION

- [x] TRIP BLANK PROVIDED
- [ ] TRIP BLANK NOT PROVIDED
- [ ] TRIP BLANK NOT ON COC
- [x] TRIP BLANK INTACT
- [ ] TRIP BLANK NOT INTACT
- [ ] RECEIVED WATER TRIP BLANK
- [x] RECEIVED SOIL TRIP BLANK

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)

MISC. INFORMATION

NUMBER OF ENCORES ? 48

NUMBER OF 5035 FIELD KITS ? 2 TB

NUMBER OF LAB FILTERED METALS ? Ø

SUMMARY OF COMMENTS:

TECHNICIAN SIGNATURE/DATE E.T. 8.25.09 TECHNICIAN SIGNATURE/DATE JC 8-25-09

ASBD 12/17/07

4.1

4

F67531: Chain of Custody

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GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F67531
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VH2132-MB	H057021.D	1	08/26/09	MM	n/a	n/a	VH2132

The QC reported here applies to the following samples: **Method:** SW846 8260B

F67531-2, F67531-3, F67531-4, F67531-5, F67531-6, F67531-7, F67531-8, F67531-10, F67531-11, F67531-12

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	50	25	ug/kg	
75-05-8	Acetonitrile	ND	50	16	ug/kg	
107-02-8	Acrolein	ND	25	9.8	ug/kg	
107-13-1	Acrylonitrile	ND	25	6.9	ug/kg	
107-05-1	Allyl chloride	ND	25	5.0	ug/kg	
71-43-2	Benzene	ND	5.0	1.0	ug/kg	
100-44-7	Benzyl Chloride	ND	5.0	1.1	ug/kg	
108-86-1	Bromobenzene	ND	5.0	1.0	ug/kg	
74-97-5	Bromochloromethane	ND	5.0	1.7	ug/kg	
75-27-4	Bromodichloromethane	ND	5.0	1.2	ug/kg	
75-25-2	Bromoform	ND	5.0	1.5	ug/kg	
104-51-8	n-Butylbenzene	ND	5.0	1.4	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.0	1.1	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.0	1.1	ug/kg	
108-90-7	Chlorobenzene	ND	5.0	1.0	ug/kg	
75-00-3	Chloroethane	ND	5.0	2.0	ug/kg	
67-66-3	Chloroform	ND	5.0	1.7	ug/kg	
544-10-5	1-Chlorohexane	ND	5.0	1.3	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.0	1.0	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.0	1.0	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	25	10	ug/kg	
75-15-0	Carbon disulfide	ND	5.0	1.1	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.0	1.4	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.0	2.0	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	5.0	1.3	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.0	1.4	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	2.4	ug/kg	
106-93-4	1,2-Dibromoethane	ND	5.0	1.0	ug/kg	
107-06-2	1,2-Dichloroethane	ND	5.0	1.1	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.0	1.4	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.0	1.0	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.0	2.1	ug/kg	
124-48-1	Dibromochloromethane	ND	5.0	1.0	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	2.0	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	5.0	1.6	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	1.3	ug/kg	

Method Blank Summary

Job Number: F67531
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VH2132-MB	H057021.D	1	08/26/09	MM	n/a	n/a	VH2132

The QC reported here applies to the following samples: **Method:** SW846 8260B

F67531-2, F67531-3, F67531-4, F67531-5, F67531-6, F67531-7, F67531-8, F67531-10, F67531-11, F67531-12

CAS No.	Compound	Result	RL	MDL	Units	Q
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	25	5.0	ug/kg	
541-73-1	m-Dichlorobenzene	ND	5.0	1.0	ug/kg	
95-50-1	o-Dichlorobenzene	ND	5.0	1.0	ug/kg	
106-46-7	p-Dichlorobenzene	ND	5.0	1.0	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	5.0	1.2	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	1.0	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	1.0	ug/kg	
97-63-2	Ethyl methacrylate	ND	25	5.0	ug/kg	
76-13-1	Freon 113	ND	5.0	2.6	ug/kg	
591-78-6	2-Hexanone	ND	25	5.0	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.0	1.2	ug/kg	
110-54-3	Hexane	ND	5.0	2.4	ug/kg	
98-82-8	Isopropylbenzene	ND	5.0	1.1	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.0	1.1	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	25	6.4	ug/kg	
126-98-7	Methacrylonitrile	ND	25	5.5	ug/kg	
74-83-9	Methyl bromide	ND	5.0	2.2	ug/kg	
74-87-3	Methyl chloride	ND	5.0	2.4	ug/kg	
74-88-4	Methyl iodide	ND	10	2.0	ug/kg	
80-62-6	Methyl methacrylate	ND	25	5.0	ug/kg	
74-95-3	Methylene bromide	ND	5.0	1.5	ug/kg	
75-09-2	Methylene chloride	5.9	10	5.0	ug/kg	J
78-93-3	Methyl ethyl ketone	ND	25	8.3	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	1.5	ug/kg	
91-20-3	Naphthalene	ND	5.0	2.0	ug/kg	
76-01-7	Pentachloroethane	ND	25	5.0	ug/kg	
107-12-0	Propionitrile	ND	50	12	ug/kg	
103-65-1	n-Propylbenzene	ND	5.0	1.2	ug/kg	
100-42-5	Styrene	ND	5.0	1.0	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	1.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.0	1.1	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	1.8	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.0	1.0	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	2.0	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.9	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	2.0	ug/kg	

Method Blank Summary

Job Number: F67531
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VH2132-MB	H057021.D	1	08/26/09	MM	n/a	n/a	VH2132

The QC reported here applies to the following samples: **Method:** SW846 8260B

F67531-2, F67531-3, F67531-4, F67531-5, F67531-6, F67531-7, F67531-8, F67531-10, F67531-11, F67531-12

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	1.0	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	1.0	ug/kg	
127-18-4	Tetrachloroethylene	ND	5.0	1.2	ug/kg	
108-88-3	Toluene	ND	5.0	1.0	ug/kg	
79-01-6	Trichloroethylene	ND	5.0	1.2	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	2.0	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	25	5.0	ug/kg	
75-01-4	Vinyl chloride	ND	5.0	2.0	ug/kg	
108-05-4	Vinyl Acetate	ND	25	12	ug/kg	
	m,p-Xylene	ND	10	1.9	ug/kg	
95-47-6	o-Xylene	ND	5.0	1.0	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	103%	80-121%
2037-26-5	Toluene-D8	101%	71-130%
460-00-4	4-Bromofluorobenzene	108%	59-148%
17060-07-0	1,2-Dichloroethane-D4	97%	77-123%

Method Blank Summary

Job Number: F67531
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VG2256-MB	G0059872.D	1	08/26/09	MM	n/a	n/a	VG2256

The QC reported here applies to the following samples: **Method:** SW846 8260B

F67531-1

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	50	25	ug/kg	
75-05-8	Acetonitrile	ND	50	16	ug/kg	
107-02-8	Acrolein	ND	25	9.8	ug/kg	
107-13-1	Acrylonitrile	ND	25	6.9	ug/kg	
107-05-1	Allyl chloride	ND	25	5.0	ug/kg	
71-43-2	Benzene	ND	5.0	1.0	ug/kg	
100-44-7	Benzyl Chloride	ND	5.0	1.1	ug/kg	
108-86-1	Bromobenzene	ND	5.0	1.0	ug/kg	
74-97-5	Bromochloromethane	ND	5.0	1.7	ug/kg	
75-27-4	Bromodichloromethane	ND	5.0	1.2	ug/kg	
75-25-2	Bromoform	ND	5.0	1.5	ug/kg	
104-51-8	n-Butylbenzene	ND	5.0	1.4	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.0	1.1	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.0	1.1	ug/kg	
108-90-7	Chlorobenzene	ND	5.0	1.0	ug/kg	
75-00-3	Chloroethane	ND	5.0	2.0	ug/kg	
67-66-3	Chloroform	ND	5.0	1.7	ug/kg	
544-10-5	1-Chlorohexane	ND	5.0	1.3	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.0	1.0	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.0	1.0	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	25	10	ug/kg	
75-15-0	Carbon disulfide	ND	5.0	1.1	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.0	1.4	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.0	2.0	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	5.0	1.3	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.0	1.4	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	2.4	ug/kg	
106-93-4	1,2-Dibromoethane	ND	5.0	1.0	ug/kg	
107-06-2	1,2-Dichloroethane	ND	5.0	1.1	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.0	1.4	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.0	1.0	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.0	2.1	ug/kg	
124-48-1	Dibromochloromethane	ND	5.0	1.0	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	2.0	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	5.0	1.6	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	1.3	ug/kg	

Method Blank Summary

Job Number: F67531
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VG2256-MB	G0059872.D	1	08/26/09	MM	n/a	n/a	VG2256

The QC reported here applies to the following samples: **Method:** SW846 8260B

F67531-1

CAS No.	Compound	Result	RL	MDL	Units	Q
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	25	5.0	ug/kg	
541-73-1	m-Dichlorobenzene	ND	5.0	1.0	ug/kg	
95-50-1	o-Dichlorobenzene	ND	5.0	1.0	ug/kg	
106-46-7	p-Dichlorobenzene	ND	5.0	1.0	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	5.0	1.2	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	1.0	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	1.0	ug/kg	
97-63-2	Ethyl methacrylate	ND	25	5.0	ug/kg	
76-13-1	Freon 113	ND	5.0	2.6	ug/kg	
591-78-6	2-Hexanone	17.9	25	5.0	ug/kg	J
87-68-3	Hexachlorobutadiene	1.2	5.0	1.2	ug/kg	J
110-54-3	Hexane	ND	5.0	2.4	ug/kg	
98-82-8	Isopropylbenzene	ND	5.0	1.1	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.0	1.1	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	25	6.4	ug/kg	
126-98-7	Methacrylonitrile	ND	25	5.5	ug/kg	
74-83-9	Methyl bromide	ND	5.0	2.2	ug/kg	
74-87-3	Methyl chloride	ND	5.0	2.4	ug/kg	
74-88-4	Methyl iodide	ND	10	2.0	ug/kg	
80-62-6	Methyl methacrylate	ND	25	5.0	ug/kg	
74-95-3	Methylene bromide	ND	5.0	1.5	ug/kg	
75-09-2	Methylene chloride	13.2	10	5.0	ug/kg	
78-93-3	Methyl ethyl ketone	ND	25	8.3	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	1.5	ug/kg	
91-20-3	Naphthalene	ND	5.0	2.0	ug/kg	
76-01-7	Pentachloroethane	ND	25	5.0	ug/kg	
107-12-0	Propionitrile	ND	50	12	ug/kg	
103-65-1	n-Propylbenzene	ND	5.0	1.2	ug/kg	
100-42-5	Styrene	ND	5.0	1.0	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	1.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.0	1.1	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	1.8	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.0	1.0	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	2.0	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.9	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	2.0	ug/kg	

Method Blank Summary

Job Number: F67531
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VG2256-MB	G0059872.D	1	08/26/09	MM	n/a	n/a	VG2256

The QC reported here applies to the following samples: **Method:** SW846 8260B

F67531-1

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	1.0	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	1.0	ug/kg	
127-18-4	Tetrachloroethylene	ND	5.0	1.2	ug/kg	
108-88-3	Toluene	ND	5.0	1.0	ug/kg	
79-01-6	Trichloroethylene	ND	5.0	1.2	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	2.0	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	25	5.0	ug/kg	
75-01-4	Vinyl chloride	ND	5.0	2.0	ug/kg	
108-05-4	Vinyl Acetate	ND	25	12	ug/kg	
	m,p-Xylene	ND	10	1.9	ug/kg	
95-47-6	o-Xylene	ND	5.0	1.0	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	101%	80-121%
2037-26-5	Toluene-D8	95%	71-130%
460-00-4	4-Bromofluorobenzene	104%	59-148%
17060-07-0	1,2-Dichloroethane-D4	101%	77-123%

Method Blank Summary

Job Number: F67531
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VG2257-MB	G0059897.D	1	08/27/09	MM	n/a	n/a	VG2257

The QC reported here applies to the following samples: **Method:** SW846 8260B

F67531-9

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	50	25	ug/kg	
75-05-8	Acetonitrile	ND	50	16	ug/kg	
107-02-8	Acrolein	ND	25	9.8	ug/kg	
107-13-1	Acrylonitrile	ND	25	6.9	ug/kg	
107-05-1	Allyl chloride	ND	25	5.0	ug/kg	
71-43-2	Benzene	ND	5.0	1.0	ug/kg	
100-44-7	Benzyl Chloride	ND	5.0	1.1	ug/kg	
108-86-1	Bromobenzene	ND	5.0	1.0	ug/kg	
74-97-5	Bromochloromethane	ND	5.0	1.7	ug/kg	
75-27-4	Bromodichloromethane	ND	5.0	1.2	ug/kg	
75-25-2	Bromoform	ND	5.0	1.5	ug/kg	
104-51-8	n-Butylbenzene	ND	5.0	1.4	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.0	1.1	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.0	1.1	ug/kg	
108-90-7	Chlorobenzene	ND	5.0	1.0	ug/kg	
75-00-3	Chloroethane	ND	5.0	2.0	ug/kg	
67-66-3	Chloroform	ND	5.0	1.7	ug/kg	
544-10-5	1-Chlorohexane	ND	5.0	1.3	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.0	1.0	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.0	1.0	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	25	10	ug/kg	
75-15-0	Carbon disulfide	ND	5.0	1.1	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.0	1.4	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.0	2.0	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	5.0	1.3	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.0	1.4	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	2.4	ug/kg	
106-93-4	1,2-Dibromoethane	ND	5.0	1.0	ug/kg	
107-06-2	1,2-Dichloroethane	ND	5.0	1.1	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.0	1.4	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.0	1.0	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.0	2.1	ug/kg	
124-48-1	Dibromochloromethane	ND	5.0	1.0	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	2.0	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	5.0	1.6	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	1.3	ug/kg	

Method Blank Summary

Job Number: F67531
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VG2257-MB	G0059897.D	1	08/27/09	MM	n/a	n/a	VG2257

The QC reported here applies to the following samples: **Method:** SW846 8260B

F67531-9

CAS No.	Compound	Result	RL	MDL	Units	Q
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	25	5.0	ug/kg	
541-73-1	m-Dichlorobenzene	ND	5.0	1.0	ug/kg	
95-50-1	o-Dichlorobenzene	ND	5.0	1.0	ug/kg	
106-46-7	p-Dichlorobenzene	ND	5.0	1.0	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	5.0	1.2	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	1.0	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	1.0	ug/kg	
97-63-2	Ethyl methacrylate	ND	25	5.0	ug/kg	
76-13-1	Freon 113	ND	5.0	2.6	ug/kg	
591-78-6	2-Hexanone	13.2	25	5.0	ug/kg	J
87-68-3	Hexachlorobutadiene	ND	5.0	1.2	ug/kg	
110-54-3	Hexane	ND	5.0	2.4	ug/kg	
98-82-8	Isopropylbenzene	ND	5.0	1.1	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.0	1.1	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	25	6.4	ug/kg	
126-98-7	Methacrylonitrile	ND	25	5.5	ug/kg	
74-83-9	Methyl bromide	ND	5.0	2.2	ug/kg	
74-87-3	Methyl chloride	ND	5.0	2.4	ug/kg	
74-88-4	Methyl iodide	ND	10	2.0	ug/kg	
80-62-6	Methyl methacrylate	ND	25	5.0	ug/kg	
74-95-3	Methylene bromide	ND	5.0	1.5	ug/kg	
75-09-2	Methylene chloride	11.0	10	5.0	ug/kg	
78-93-3	Methyl ethyl ketone	ND	25	8.3	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	1.5	ug/kg	
91-20-3	Naphthalene	ND	5.0	2.0	ug/kg	
76-01-7	Pentachloroethane	ND	25	5.0	ug/kg	
107-12-0	Propionitrile	ND	50	12	ug/kg	
103-65-1	n-Propylbenzene	ND	5.0	1.2	ug/kg	
100-42-5	Styrene	ND	5.0	1.0	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	1.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.0	1.1	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	1.8	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.0	1.0	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	2.0	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.9	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	2.0	ug/kg	

Method Blank Summary

Job Number: F67531
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VG2257-MB	G0059897.D	1	08/27/09	MM	n/a	n/a	VG2257

The QC reported here applies to the following samples: **Method:** SW846 8260B

F67531-9

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	1.0	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	1.0	ug/kg	
127-18-4	Tetrachloroethylene	ND	5.0	1.2	ug/kg	
108-88-3	Toluene	ND	5.0	1.0	ug/kg	
79-01-6	Trichloroethylene	ND	5.0	1.2	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	2.0	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	25	5.0	ug/kg	
75-01-4	Vinyl chloride	ND	5.0	2.0	ug/kg	
108-05-4	Vinyl Acetate	ND	25	12	ug/kg	
	m,p-Xylene	ND	10	1.9	ug/kg	
95-47-6	o-Xylene	ND	5.0	1.0	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	100%	80-121%
2037-26-5	Toluene-D8	94%	71-130%
460-00-4	4-Bromofluorobenzene	105%	59-148%
17060-07-0	1,2-Dichloroethane-D4	100%	77-123%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile [a]		0	ug/kg	

(a) No TICs detected.

Blank Spike Summary

Job Number: F67531
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VH2132-BS	H057020.D	1	08/26/09	MM	n/a	n/a	VH2132

The QC reported here applies to the following samples: **Method:** SW846 8260B

F67531-2, F67531-3, F67531-4, F67531-5, F67531-6, F67531-7, F67531-8, F67531-10, F67531-11, F67531-12

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
67-64-1	Acetone	250	388	155*	61-144
75-05-8	Acetonitrile	500	722	144*	59-139
107-02-8	Acrolein	250	210	84	27-156
107-13-1	Acrylonitrile	250	501	200*	55-144
107-05-1	Allyl chloride	50	67.3	135	41-152
71-43-2	Benzene	50	63.0	126	78-130
100-44-7	Benzyl Chloride	50	58.3	117	74-130
108-86-1	Bromobenzene	50	54.2	108	78-123
74-97-5	Bromochloromethane	50	56.2	112	72-122
75-27-4	Bromodichloromethane	50	57.8	116	73-122
75-25-2	Bromoform	50	43.1	86	70-139
104-51-8	n-Butylbenzene	50	60.6	121	80-138
135-98-8	sec-Butylbenzene	50	60.1	120	82-132
98-06-6	tert-Butylbenzene	50	56.8	114	79-130
108-90-7	Chlorobenzene	50	54.0	108	83-122
75-00-3	Chloroethane	50	52.4	105	61-153
67-66-3	Chloroform	50	62.0	124	79-129
544-10-5	1-Chlorohexane	50	52.5	105	85-137
95-49-8	o-Chlorotoluene	50	55.8	112	77-123
106-43-4	p-Chlorotoluene	50	56.1	112	78-129
110-75-8	2-Chloroethyl vinyl ether	250	303	121	52-142
75-15-0	Carbon disulfide	50	66.2	132	61-142
56-23-5	Carbon tetrachloride	50	61.2	122	79-135
75-34-3	1,1-Dichloroethane	50	61.4	123	77-132
75-35-4	1,1-Dichloroethylene	50	63.7	127	66-132
563-58-6	1,1-Dichloropropene	50	62.8	126	81-133
96-12-8	1,2-Dibromo-3-chloropropane	50	52.5	105	67-129
106-93-4	1,2-Dibromoethane	50	46.2	92	77-126
107-06-2	1,2-Dichloroethane	50	56.3	113	78-129
78-87-5	1,2-Dichloropropane	50	60.0	120	74-127
142-28-9	1,3-Dichloropropane	50	51.0	102	78-118
594-20-7	2,2-Dichloropropane	50	62.0	124	80-137
124-48-1	Dibromochloromethane	50	42.0	84	78-117
75-71-8	Dichlorodifluoromethane	50	25.3	51	35-162
156-59-2	cis-1,2-Dichloroethylene	50	57.3	115	74-123
10061-01-5	cis-1,3-Dichloropropene	50	61.7	123	79-130

Blank Spike Summary

Job Number: F67531
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VH2132-BS	H057020.D	1	08/26/09	MM	n/a	n/a	VH2132

The QC reported here applies to the following samples: **Method:** SW846 8260B

F67531-2, F67531-3, F67531-4, F67531-5, F67531-6, F67531-7, F67531-8, F67531-10, F67531-11, F67531-12

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
1476-11-5	cis-1,4-Dichloro-2-Butene	50	59.6	119	71-126
541-73-1	m-Dichlorobenzene	50	56.0	112	82-126
95-50-1	o-Dichlorobenzene	50	55.2	110	83-123
106-46-7	p-Dichlorobenzene	50	52.5	105	84-124
156-60-5	trans-1,2-Dichloroethylene	50	60.2	120	77-129
10061-02-6	trans-1,3-Dichloropropene	50	50.9	102	87-131
100-41-4	Ethylbenzene	50	54.8	110	82-124
97-63-2	Ethyl methacrylate	50	46.9	94	78-118
76-13-1	Freon 113	50	67.3	135	62-147
591-78-6	2-Hexanone	250	300	120	67-130
87-68-3	Hexachlorobutadiene	50	62.7	125	77-150
110-54-3	Hexane	50	75.6	151*	65-147
98-82-8	Isopropylbenzene	50	57.4	115	82-133
99-87-6	p-Isopropyltoluene	50	59.7	119	82-132
108-10-1	4-Methyl-2-pentanone	250	284	114	69-125
126-98-7	Methacrylonitrile	500	777	155*	70-138
74-83-9	Methyl bromide	50	44.4	89	60-146
74-87-3	Methyl chloride	50	46.6	93	58-163
74-88-4	Methyl iodide	50	61.6	123	66-128
80-62-6	Methyl methacrylate	50	66.8	134*	73-125
74-95-3	Methylene bromide	50	58.6	117	75-128
75-09-2	Methylene chloride	50	61.8	124	62-140
78-93-3	Methyl ethyl ketone	250	360	144*	66-134
1634-04-4	Methyl Tert Butyl Ether	50	59.4	119	70-131
91-20-3	Naphthalene	50	48.5	97	59-143
76-01-7	Pentachloroethane	50	56.1	112	64-156
107-12-0	Propionitrile	500	761	152*	73-133
103-65-1	n-Propylbenzene	50	59.1	118	78-129
100-42-5	Styrene	50	46.5	93	79-123
630-20-6	1,1,1,2-Tetrachloroethane	50	51.5	103	81-121
71-55-6	1,1,1-Trichloroethane	50	62.5	125	80-133
79-34-5	1,1,2,2-Tetrachloroethane	50	55.6	111	70-128
79-00-5	1,1,2-Trichloroethane	50	50.9	102	76-118
87-61-6	1,2,3-Trichlorobenzene	50	52.1	104	78-136
96-18-4	1,2,3-Trichloropropane	50	54.8	110	74-125
120-82-1	1,2,4-Trichlorobenzene	50	52.0	104	82-137

Blank Spike Summary

Job Number: F67531
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VH2132-BS	H057020.D	1	08/26/09	MM	n/a	n/a	VH2132

The QC reported here applies to the following samples: **Method:** SW846 8260B

F67531-2, F67531-3, F67531-4, F67531-5, F67531-6, F67531-7, F67531-8, F67531-10, F67531-11, F67531-12

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
95-63-6	1,2,4-Trimethylbenzene	50	55.7	111	77-129
108-67-8	1,3,5-Trimethylbenzene	50	56.5	113	79-129
127-18-4	Tetrachloroethylene	50	52.1	104	79-132
108-88-3	Toluene	50	53.7	107	80-123
79-01-6	Trichloroethylene	50	62.3	125	78-132
75-69-4	Trichlorofluoromethane	50	54.0	108	67-149
110-57-6	Trans-1,4-Dichloro-2-Butene	50	113	226*	74-138
75-01-4	Vinyl chloride	50	43.1	86	60-145
108-05-4	Vinyl Acetate	250	436	174*	25-164
	m,p-Xylene	100	114	114	82-128
95-47-6	o-Xylene	50	54.2	108	82-126

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	102%	80-121%
2037-26-5	Toluene-D8	91%	71-130%
460-00-4	4-Bromofluorobenzene	103%	59-148%
17060-07-0	1,2-Dichloroethane-D4	105%	77-123%

Blank Spike Summary

Job Number: F67531
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VG2256-BS	G0059871.D	1	08/26/09	MM	n/a	n/a	VG2256

The QC reported here applies to the following samples: **Method:** SW846 8260B

F67531-1

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
67-64-1	Acetone	250	289	116	61-144
75-05-8	Acetonitrile	500	517	103	59-139
107-02-8	Acrolein	250	214	86	27-156
107-13-1	Acrylonitrile	250	345	138	55-144
107-05-1	Allyl chloride	50	75.4	151	41-152
71-43-2	Benzene	50	55.4	111	78-130
100-44-7	Benzyl Chloride	50	43.6	87	74-130
108-86-1	Bromobenzene	50	50.1	100	78-123
74-97-5	Bromochloromethane	50	49.8	100	72-122
75-27-4	Bromodichloromethane	50	47.7	95	73-122
75-25-2	Bromoform	50	43.5	87	70-139
104-51-8	n-Butylbenzene	50	52.4	105	80-138
135-98-8	sec-Butylbenzene	50	54.3	109	82-132
98-06-6	tert-Butylbenzene	50	52.3	105	79-130
108-90-7	Chlorobenzene	50	50.5	101	83-122
75-00-3	Chloroethane	50	52.5	105	61-153
67-66-3	Chloroform	50	53.5	107	79-129
544-10-5	1-Chlorohexane	50	51.8	104	85-137
95-49-8	o-Chlorotoluene	50	52.4	105	77-123
106-43-4	p-Chlorotoluene	50	52.0	104	78-129
110-75-8	2-Chloroethyl vinyl ether	250	228	91	52-142
75-15-0	Carbon disulfide	50	80.1	160*	61-142
56-23-5	Carbon tetrachloride	50	52.8	106	79-135
75-34-3	1,1-Dichloroethane	50	55.4	111	77-132
75-35-4	1,1-Dichloroethylene	50	63.4	127	66-132
563-58-6	1,1-Dichloropropene	50	53.4	107	81-133
96-12-8	1,2-Dibromo-3-chloropropane	50	39.0	78	67-129
106-93-4	1,2-Dibromoethane	50	45.4	91	77-126
107-06-2	1,2-Dichloroethane	50	50.0	100	78-129
78-87-5	1,2-Dichloropropane	50	51.6	103	74-127
142-28-9	1,3-Dichloropropane	50	46.8	94	78-118
594-20-7	2,2-Dichloropropane	50	56.4	113	80-137
124-48-1	Dibromochloromethane	50	46.7	93	78-117
75-71-8	Dichlorodifluoromethane	50	48.7	97	35-162
156-59-2	cis-1,2-Dichloroethylene	50	52.2	104	74-123
10061-01-5	cis-1,3-Dichloropropene	50	51.1	102	79-130

Blank Spike Summary

Job Number: F67531
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VG2256-BS	G0059871.D	1	08/26/09	MM	n/a	n/a	VG2256

The QC reported here applies to the following samples: **Method:** SW846 8260B

F67531-1

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
1476-11-5	cis-1,4-Dichloro-2-Butene	50	42.4	85	71-126
541-73-1	m-Dichlorobenzene	50	52.2	104	82-126
95-50-1	o-Dichlorobenzene	50	49.9	100	83-123
106-46-7	p-Dichlorobenzene	50	50.5	101	84-124
156-60-5	trans-1,2-Dichloroethylene	50	58.6	117	77-129
10061-02-6	trans-1,3-Dichloropropene	50	52.7	105	87-131
100-41-4	Ethylbenzene	50	50.5	101	82-124
97-63-2	Ethyl methacrylate	50	42.6	85	78-118
76-13-1	Freon 113	50	67.0	134	62-147
591-78-6	2-Hexanone	250	251	100	67-130
87-68-3	Hexachlorobutadiene	50	54.2	108	77-150
110-54-3	Hexane	50	73.8	148*	65-147
98-82-8	Isopropylbenzene	50	52.8	106	82-133
99-87-6	p-Isopropyltoluene	50	54.0	108	82-132
108-10-1	4-Methyl-2-pentanone	250	216	86	69-125
126-98-7	Methacrylonitrile	500	485	97	70-138
74-83-9	Methyl bromide	50	55.9	112	60-146
74-87-3	Methyl chloride	50	50.9	102	58-163
74-88-4	Methyl iodide	50	68.8	138*	66-128
80-62-6	Methyl methacrylate	50	48.1	96	73-125
74-95-3	Methylene bromide	50	49.7	99	75-128
75-09-2	Methylene chloride	50	57.5	115	62-140
78-93-3	Methyl ethyl ketone	250	230	92	66-134
1634-04-4	Methyl Tert Butyl Ether	50	50.6	101	70-131
91-20-3	Naphthalene	50	40.8	82	59-143
76-01-7	Pentachloroethane	50	57.3	115	64-156
107-12-0	Propionitrile	500	510	102	73-133
103-65-1	n-Propylbenzene	50	52.7	105	78-129
100-42-5	Styrene	50	50.6	101	79-123
630-20-6	1,1,1,2-Tetrachloroethane	50	49.5	99	81-121
71-55-6	1,1,1-Trichloroethane	50	53.8	108	80-133
79-34-5	1,1,2,2-Tetrachloroethane	50	43.9	88	70-128
79-00-5	1,1,2-Trichloroethane	50	46.1	92	76-118
87-61-6	1,2,3-Trichlorobenzene	50	44.7	89	78-136
96-18-4	1,2,3-Trichloropropane	50	39.4	79	74-125
120-82-1	1,2,4-Trichlorobenzene	50	47.9	96	82-137

Blank Spike Summary

Job Number: F67531
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VG2256-BS	G0059871.D	1	08/26/09	MM	n/a	n/a	VG2256

The QC reported here applies to the following samples: **Method:** SW846 8260B

F67531-1

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
95-63-6	1,2,4-Trimethylbenzene	50	53.2	106	77-129
108-67-8	1,3,5-Trimethylbenzene	50	53.6	107	79-129
127-18-4	Tetrachloroethylene	50	47.2	94	79-132
108-88-3	Toluene	50	51.8	104	80-123
79-01-6	Trichloroethylene	50	53.2	106	78-132
75-69-4	Trichlorofluoromethane	50	50.0	100	67-149
110-57-6	Trans-1,4-Dichloro-2-Butene	50	93.8	188*	74-138
75-01-4	Vinyl chloride	50	50.4	101	60-145
108-05-4	Vinyl Acetate	250	325	130	25-164
	m,p-Xylene	100	106	106	82-128
95-47-6	o-Xylene	50	52.5	105	82-126

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	101%	80-121%
2037-26-5	Toluene-D8	96%	71-130%
460-00-4	4-Bromofluorobenzene	100%	59-148%
17060-07-0	1,2-Dichloroethane-D4	95%	77-123%

Blank Spike Summary

Job Number: F67531
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VG2257-BS	G0059896.D	1	08/27/09	MM	n/a	n/a	VG2257

The QC reported here applies to the following samples: **Method:** SW846 8260B

F67531-9

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
67-64-1	Acetone	250	334	134	61-144
75-05-8	Acetonitrile	500	670	134	59-139
107-02-8	Acrolein	250	189	76	27-156
107-13-1	Acrylonitrile	250	387	155*	55-144
107-05-1	Allyl chloride	50	78.1	156*	41-152
71-43-2	Benzene	50	54.4	109	78-130
100-44-7	Benzyl Chloride	50	45.2	90	74-130
108-86-1	Bromobenzene	50	47.6	95	78-123
74-97-5	Bromochloromethane	50	50.1	100	72-122
75-27-4	Bromodichloromethane	50	46.0	92	73-122
75-25-2	Bromoform	50	46.4	93	70-139
104-51-8	n-Butylbenzene	50	51.3	103	80-138
135-98-8	sec-Butylbenzene	50	52.0	104	82-132
98-06-6	tert-Butylbenzene	50	49.1	98	79-130
108-90-7	Chlorobenzene	50	49.5	99	83-122
75-00-3	Chloroethane	50	46.0	92	61-153
67-66-3	Chloroform	50	51.3	103	79-129
544-10-5	1-Chlorohexane	50	53.8	108	85-137
95-49-8	o-Chlorotoluene	50	48.5	97	77-123
106-43-4	p-Chlorotoluene	50	49.1	98	78-129
110-75-8	2-Chloroethyl vinyl ether	250	278	111	52-142
75-15-0	Carbon disulfide	50	80.7	161*	61-142
56-23-5	Carbon tetrachloride	50	53.5	107	79-135
75-34-3	1,1-Dichloroethane	50	55.5	111	77-132
75-35-4	1,1-Dichloroethylene	50	66.9	134*	66-132
563-58-6	1,1-Dichloropropene	50	55.1	110	81-133
96-12-8	1,2-Dibromo-3-chloropropane	50	43.6	87	67-129
106-93-4	1,2-Dibromoethane	50	46.0	92	77-126
107-06-2	1,2-Dichloroethane	50	49.5	99	78-129
78-87-5	1,2-Dichloropropane	50	49.7	99	74-127
142-28-9	1,3-Dichloropropane	50	46.7	93	78-118
594-20-7	2,2-Dichloropropane	50	56.1	112	80-137
124-48-1	Dibromochloromethane	50	45.7	91	78-117
75-71-8	Dichlorodifluoromethane	50	28.4	57	35-162
156-59-2	cis-1,2-Dichloroethylene	50	51.2	102	74-123
10061-01-5	cis-1,3-Dichloropropene	50	50.8	102	79-130

Blank Spike Summary

Job Number: F67531
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VG2257-BS	G0059896.D	1	08/27/09	MM	n/a	n/a	VG2257

The QC reported here applies to the following samples: **Method:** SW846 8260B

F67531-9

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
1476-11-5	cis-1,4-Dichloro-2-Butene	50	46.7	93	71-126
541-73-1	m-Dichlorobenzene	50	50.2	100	82-126
95-50-1	o-Dichlorobenzene	50	47.3	95	83-123
106-46-7	p-Dichlorobenzene	50	49.4	99	84-124
156-60-5	trans-1,2-Dichloroethylene	50	59.4	119	77-129
10061-02-6	trans-1,3-Dichloropropene	50	51.0	102	87-131
100-41-4	Ethylbenzene	50	49.1	98	82-124
97-63-2	Ethyl methacrylate	50	47.7	95	78-118
76-13-1	Freon 113	50	68.7	137	62-147
591-78-6	2-Hexanone	250	296	118	67-130
87-68-3	Hexachlorobutadiene	50	54.0	108	77-150
110-54-3	Hexane	50	84.5	169*	65-147
98-82-8	Isopropylbenzene	50	51.7	103	82-133
99-87-6	p-Isopropyltoluene	50	51.9	104	82-132
108-10-1	4-Methyl-2-pentanone	250	245	98	69-125
126-98-7	Methacrylonitrile	500	557	111	70-138
74-83-9	Methyl bromide	50	38.0	76	60-146
74-87-3	Methyl chloride	50	44.5	89	58-163
74-88-4	Methyl iodide	50	64.6	129*	66-128
80-62-6	Methyl methacrylate	50	53.5	107	73-125
74-95-3	Methylene bromide	50	49.0	98	75-128
75-09-2	Methylene chloride	50	53.4	107	62-140
78-93-3	Methyl ethyl ketone	250	269	108	66-134
1634-04-4	Methyl Tert Butyl Ether	50	55.9	112	70-131
91-20-3	Naphthalene	50	43.8	88	59-143
76-01-7	Pentachloroethane	50	57.5	115	64-156
107-12-0	Propionitrile	500	619	124	73-133
103-65-1	n-Propylbenzene	50	50.0	100	78-129
100-42-5	Styrene	50	49.3	99	79-123
630-20-6	1,1,1,2-Tetrachloroethane	50	46.9	94	81-121
71-55-6	1,1,1-Trichloroethane	50	53.3	107	80-133
79-34-5	1,1,2,2-Tetrachloroethane	50	46.1	92	70-128
79-00-5	1,1,2-Trichloroethane	50	44.8	90	76-118
87-61-6	1,2,3-Trichlorobenzene	50	46.5	93	78-136
96-18-4	1,2,3-Trichloropropane	50	42.0	84	74-125
120-82-1	1,2,4-Trichlorobenzene	50	48.2	96	82-137

Blank Spike Summary

Job Number: F67531
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VG2257-BS	G0059896.D	1	08/27/09	MM	n/a	n/a	VG2257

The QC reported here applies to the following samples: **Method:** SW846 8260B

F67531-9

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
95-63-6	1,2,4-Trimethylbenzene	50	49.2	98	77-129
108-67-8	1,3,5-Trimethylbenzene	50	50.6	101	79-129
127-18-4	Tetrachloroethylene	50	48.4	97	79-132
108-88-3	Toluene	50	49.6	99	80-123
79-01-6	Trichloroethylene	50	52.3	105	78-132
75-69-4	Trichlorofluoromethane	50	45.2	90	67-149
110-57-6	Trans-1,4-Dichloro-2-Butene	50	102	204*	74-138
75-01-4	Vinyl chloride	50	42.1	84	60-145
108-05-4	Vinyl Acetate	250	395	158	25-164
	m,p-Xylene	100	101	101	82-128
95-47-6	o-Xylene	50	49.7	99	82-126

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	101%	80-121%
2037-26-5	Toluene-D8	96%	71-130%
460-00-4	4-Bromofluorobenzene	99%	59-148%
17060-07-0	1,2-Dichloroethane-D4	99%	77-123%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F67531
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F67531-2MS	H057030.D	1	08/26/09	MM	n/a	n/a	VH2132
F67531-2MSD	H057031.D	1	08/26/09	MM	n/a	n/a	VH2132
F67531-2	H057026.D	1	08/26/09	MM	n/a	n/a	VH2132

The QC reported here applies to the following samples: **Method:** SW846 8260B

F67531-2, F67531-3, F67531-4, F67531-5, F67531-6, F67531-7, F67531-8, F67531-10, F67531-11, F67531-12

CAS No.	Compound	F67531-2 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		330	201	61	215	66	7	61-144/29
75-05-8	Acetonitrile	ND		659	427	65	417	64	2	59-139/30
107-02-8	Acrolein	ND		330	85.7	26*	68.0	21*	23	27-156/39
107-13-1	Acrylonitrile	ND		330	338	103	315	96	7	55-144/24
107-05-1	Allyl chloride	ND		65.9	70.5	107	68.1	104	3	41-152/24
71-43-2	Benzene	ND		65.9	67.0	102	65.3	100	3	78-130/25
100-44-7	Benzyl Chloride	ND		65.9	40.8	62*	44.1	67*	8	74-130/28
108-86-1	Bromobenzene	ND		65.9	68.0	103	65.9	101	3	78-123/30
74-97-5	Bromochloromethane	ND		65.9	52.6	80	53.2	81	1	72-122/23
75-27-4	Bromodichloromethane	ND		65.9	57.8	88	54.6	84	6	73-122/25
75-25-2	Bromoform	ND		65.9	40.1	61*	44.0	67*	9	70-139/26
104-51-8	n-Butylbenzene	ND		65.9	73.9	112	69.2	106	7	80-138/31
135-98-8	sec-Butylbenzene	ND		65.9	76.1	115	72.4	111	5	82-132/29
98-06-6	tert-Butylbenzene	ND		65.9	75.5	115	71.9	110	5	79-130/29
108-90-7	Chlorobenzene	ND		65.9	67.0	102	64.8	99	3	83-122/23
75-00-3	Chloroethane	ND		65.9	57.0	86	54.5	83	4	61-153/31
67-66-3	Chloroform	ND		65.9	63.6	96	62.9	96	1	79-129/27
544-10-5	1-Chlorohexane	ND		65.9	64.2	97	62.0	95	3	85-137/29
95-49-8	o-Chlorotoluene	ND		65.9	71.2	108	68.1	104	4	77-123/31
106-43-4	p-Chlorotoluene	ND		65.9	70.9	108	68.3	105	4	78-129/29
110-75-8	2-Chloroethyl vinyl ether	ND		330	246	75	248	76	1	52-142/25
75-15-0	Carbon disulfide	ND		65.9	70.7	107	68.0	104	4	61-142/27
56-23-5	Carbon tetrachloride	ND		65.9	66.6	101	63.6	97	5	79-135/29
75-34-3	1,1-Dichloroethane	ND		65.9	65.5	99	63.2	97	4	77-132/26
75-35-4	1,1-Dichloroethylene	ND		65.9	65.8	100	65.4	100	1	66-132/27
563-58-6	1,1-Dichloropropene	ND		65.9	67.6	103	63.7	97	6	81-133/26
96-12-8	1,2-Dibromo-3-chloropropane	ND		65.9	39.4	60*	40.1	61*	2	67-129/29
106-93-4	1,2-Dibromoethane	ND		65.9	45.7	69*	45.4	69*	1	77-126/24
107-06-2	1,2-Dichloroethane	ND		65.9	51.4	78	51.1	78	1	78-129/24
78-87-5	1,2-Dichloropropane	ND		65.9	60.7	92	61.4	94	1	74-127/27
142-28-9	1,3-Dichloropropane	ND		65.9	51.4	78	52.7	81	2	78-118/26
594-20-7	2,2-Dichloropropane	ND		65.9	61.1	93	57.4	88	6	80-137/28
124-48-1	Dibromochloromethane	ND		65.9	46.7	71*	48.0	73*	3	78-117/27
75-71-8	Dichlorodifluoromethane	ND		65.9	27.6	42	30.4	47	10	35-162/30
156-59-2	cis-1,2-Dichloroethylene	ND		65.9	59.5	90	59.2	91	1	74-123/26
10061-01-5	cis-1,3-Dichloropropene	ND		65.9	59.0	89	56.0	86	5	79-130/23

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F67531
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F67531-2MS	H057030.D	1	08/26/09	MM	n/a	n/a	VH2132
F67531-2MSD	H057031.D	1	08/26/09	MM	n/a	n/a	VH2132
F67531-2	H057026.D	1	08/26/09	MM	n/a	n/a	VH2132

The QC reported here applies to the following samples: **Method:** SW846 8260B

F67531-2, F67531-3, F67531-4, F67531-5, F67531-6, F67531-7, F67531-8, F67531-10, F67531-11, F67531-12

CAS No.	Compound	F67531-2 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
1476-11-5	cis-1,4-Dichloro-2-Butene	ND		65.9	40.9	62*	41.9	64*	2	71-126/28
541-73-1	m-Dichlorobenzene	ND		65.9	70.4	107	67.2	103	5	82-126/29
95-50-1	o-Dichlorobenzene	ND		65.9	66.8	101	63.6	97	5	83-123/28
106-46-7	p-Dichlorobenzene	ND		65.9	66.3	101	64.9	99	2	84-124/28
156-60-5	trans-1,2-Dichloroethylene	ND		65.9	66.7	101	62.6	96	6	77-129/27
10061-02-6	trans-1,3-Dichloropropene	ND		65.9	54.1	82*	52.0	80*	4	87-131/27
100-41-4	Ethylbenzene	ND		65.9	69.6	106	67.1	103	4	82-124/25
97-63-2	Ethyl methacrylate	ND		65.9	19.4	29*	20.6	32*	6	78-118/30
76-13-1	Freon 113	ND		65.9	73.4	111	70.7	108	4	62-147/29
591-78-6	2-Hexanone	ND		330	219	66*	230	70	5	67-130/29
87-68-3	Hexachlorobutadiene	ND		65.9	81.4	123	77.1	118	5	77-150/36
110-54-3	Hexane	ND		65.9	66.2	100	61.7	94	7	65-147/27
98-82-8	Isopropylbenzene	ND		65.9	72.2	110	69.7	107	4	82-133/27
99-87-6	p-Isopropyltoluene	ND		65.9	75.2	114	72.5	111	4	82-132/29
108-10-1	4-Methyl-2-pentanone	ND		330	222	67*	237	73	7	69-125/24
126-98-7	Methacrylonitrile	ND		659	541	82	546	84	1	70-138/22
74-83-9	Methyl bromide	ND		65.9	52.1	79	52.3	80	0	60-146/31
74-87-3	Methyl chloride	ND		65.9	46.6	71	43.5	67	7	58-163/26
74-88-4	Methyl iodide	ND		65.9	66.2	100	63.3	97	4	66-128/27
80-62-6	Methyl methacrylate	ND		65.9	54.3	82	57.7	88	6	73-125/24
74-95-3	Methylene bromide	ND		65.9	52.0	79	52.2	80	0	75-128/26
75-09-2	Methylene chloride	8.2	JB	65.9	207	302*	226	333*	9	62-140/25
78-93-3	Methyl ethyl ketone	ND		330	201	61*	201	62*	0	66-134/23
1634-04-4	Methyl Tert Butyl Ether	ND		65.9	49.3	75	50.9	78	3	70-131/25
91-20-3	Naphthalene	ND		65.9	48.5	74	48.3	74	0	59-143/31
76-01-7	Pentachloroethane	ND		65.9	38.4	58*	33.8	52*	13	64-156/37
107-12-0	Propionitrile	ND		659	468	71*	481	74	3	73-133/23
103-65-1	n-Propylbenzene	ND		65.9	74.8	113	70.2	107	6	78-129/29
100-42-5	Styrene	ND		65.9	57.3	87	57.1	87	0	79-123/28
630-20-6	1,1,1,2-Tetrachloroethane	ND		65.9	63.4	96	60.6	93	5	81-121/25
71-55-6	1,1,1-Trichloroethane	ND		65.9	64.4	98	62.1	95	4	80-133/27
79-34-5	1,1,2,2-Tetrachloroethane	ND		65.9	52.9	80	50.0	77	6	70-128/30
79-00-5	1,1,2-Trichloroethane	ND		65.9	54.4	83	52.7	81	3	76-118/28
87-61-6	1,2,3-Trichlorobenzene	ND		65.9	64.6	98	60.6	93	6	78-136/34
96-18-4	1,2,3-Trichloropropane	ND		65.9	45.3	69*	48.5	74	7	74-125/30
120-82-1	1,2,4-Trichlorobenzene	ND		65.9	62.2	94	60.8	93	2	82-137/32

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F67531
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F67531-2MS	H057030.D	1	08/26/09	MM	n/a	n/a	VH2132
F67531-2MSD	H057031.D	1	08/26/09	MM	n/a	n/a	VH2132
F67531-2	H057026.D	1	08/26/09	MM	n/a	n/a	VH2132

The QC reported here applies to the following samples: **Method:** SW846 8260B

F67531-2, F67531-3, F67531-4, F67531-5, F67531-6, F67531-7, F67531-8, F67531-10, F67531-11, F67531-12

CAS No.	Compound	F67531-2 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
95-63-6	1,2,4-Trimethylbenzene	ND		65.9	73.0	111	68.3	105	7	77-129/29
108-67-8	1,3,5-Trimethylbenzene	ND		65.9	72.6	110	69.1	106	5	79-129/31
127-18-4	Tetrachloroethylene	ND		65.9	89.4	136*	87.5	134*	2	79-132/27
108-88-3	Toluene	ND		65.9	69.1	105	66.5	102	4	80-123/26
79-01-6	Trichloroethylene	ND		65.9	68.4	104	66.3	101	3	78-132/28
75-69-4	Trichlorofluoromethane	ND		65.9	58.0	88	55.6	85	4	67-149/29
110-57-6	Trans-1,4-Dichloro-2-Butene	ND		65.9	95.5	145*	97.1	149*	2	74-138/30
75-01-4	Vinyl chloride	ND		65.9	50.1	76	47.8	73	5	60-145/29
108-05-4	Vinyl Acetate	ND		330	87.2	26	83.1	25	5	25-164/35
	m,p-Xylene	ND		132	145	110	139	106	4	82-128/25
95-47-6	o-Xylene	ND		65.9	68.1	103	66.1	101	3	82-126/25

CAS No.	Surrogate Recoveries	MS	MSD	F67531-2	Limits
1868-53-7	Dibromofluoromethane	95%	94%	106%	80-121%
2037-26-5	Toluene-D8	101%	99%	84%	71-130%
460-00-4	4-Bromofluorobenzene	101%	99%	101%	59-148%
17060-07-0	1,2-Dichloroethane-D4	85%	86%	104%	77-123%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F67531
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F67531-1MS	G0059874.D	10	08/26/09	MM	n/a	n/a	VG2256
F67531-1MSD	G0059875.D	10	08/26/09	MM	n/a	n/a	VG2256
F67531-1 [a]	G0059891.D	1	08/26/09	MM	n/a	n/a	VG2256
F67531-1 [b]	G0059873.D	10	08/26/09	MM	n/a	n/a	VG2256

The QC reported here applies to the following samples: **Method:** SW846 8260B

F67531-1

CAS No.	Compound	F67531-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		356000	338000	95	345000	97	2	61-144/29
75-05-8	Acetonitrile	ND		712000	570000	80	651000	91	13	59-139/30
107-02-8	Acrolein	ND		356000	188000	53	200000	56	6	27-156/39
107-13-1	Acrylonitrile	ND		356000	404000	113	431000	121	6	55-144/24
107-05-1	Allyl chloride	ND		71200	101000	142	105000	147	4	41-152/24
71-43-2	Benzene	ND		71200	76400	107	77800	109	2	78-130/25
100-44-7	Benzyl Chloride	ND		71200	49300	69*	50500	71*	2	74-130/28
108-86-1	Bromobenzene	ND		71200	69100	97	71000	100	3	78-123/30
74-97-5	Bromochloromethane	ND		71200	66000	93	66300	93	0	72-122/23
75-27-4	Bromodichloromethane	ND		71200	64000	90	65600	92	2	73-122/25
75-25-2	Bromoform	ND		71200	55300	78	57600	81	4	70-139/26
104-51-8	n-Butylbenzene	3430		71200	75100	101	77200	104	3	80-138/31
135-98-8	sec-Butylbenzene	6550		71200	81000	105	84000	109	4	82-132/29
98-06-6	tert-Butylbenzene	ND		71200	72800	102	73200	103	1	79-130/29
108-90-7	Chlorobenzene	ND		71200	71600	101	73900	104	3	83-122/23
75-00-3	Chloroethane	ND		71200	59900	84	62000	87	3	61-153/31
67-66-3	Chloroform	ND		71200	73100	103	74800	105	2	79-129/27
544-10-5	1-Chlorohexane	ND		71200	74100	104	76600	108	3	85-137/29
95-49-8	o-Chlorotoluene	ND		71200	70900	100	71600	101	1	77-123/31
106-43-4	p-Chlorotoluene	ND		71200	72000	101	73700	103	2	78-129/29
110-75-8	2-Chloroethyl vinyl ether	ND		356000	344000	97	346000	97	1	52-142/25
75-15-0	Carbon disulfide	ND		71200	104000	146*	107000	150*	3	61-142/27
56-23-5	Carbon tetrachloride	ND		71200	73000	102	77100	108	5	79-135/29
75-34-3	1,1-Dichloroethane	ND		71200	77200	108	79000	111	2	77-132/26
75-35-4	1,1-Dichloroethylene	ND		71200	85200	120	87300	123	2	66-132/27
563-58-6	1,1-Dichloropropene	ND		71200	74900	105	76700	108	2	81-133/26
96-12-8	1,2-Dibromo-3-chloropropane	ND		71200	54000	76	58000	81	7	67-129/29
106-93-4	1,2-Dibromoethane	ND		71200	59400	83	61800	87	4	77-126/24
107-06-2	1,2-Dichloroethane	ND		71200	64300	90	66500	93	3	78-129/24
78-87-5	1,2-Dichloropropane	ND		71200	69500	98	71300	100	3	74-127/27
142-28-9	1,3-Dichloropropane	ND		71200	60200	85	63300	89	5	78-118/26
594-20-7	2,2-Dichloropropane	ND		71200	71300	100	73600	103	3	80-137/28
124-48-1	Dibromochloromethane	ND		71200	62600	88	65200	92	4	78-117/27
75-71-8	Dichlorodifluoromethane	ND		71200	66300	93	66900	94	1	35-162/30
156-59-2	cis-1,2-Dichloroethylene	ND		71200	72200	101	73700	103	2	74-123/26
10061-01-5	cis-1,3-Dichloropropene	ND		71200	66900	94	69300	97	4	79-130/23

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F67531
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F67531-1MS	G0059874.D	10	08/26/09	MM	n/a	n/a	VG2256
F67531-1MSD	G0059875.D	10	08/26/09	MM	n/a	n/a	VG2256
F67531-1 [a]	G0059891.D	1	08/26/09	MM	n/a	n/a	VG2256
F67531-1 [b]	G0059873.D	10	08/26/09	MM	n/a	n/a	VG2256

The QC reported here applies to the following samples: **Method:** SW846 8260B

F67531-1

CAS No.	Compound	F67531-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
1476-11-5	cis-1,4-Dichloro-2-Butene	ND		71200	70000	98	70200	99	0	71-126/28
541-73-1	m-Dichlorobenzene	ND		71200	70700	99	72900	102	3	82-126/29
95-50-1	o-Dichlorobenzene	ND		71200	66700	94	68900	97	3	83-123/28
106-46-7	p-Dichlorobenzene	ND		71200	70100	98	71600	101	2	84-124/28
156-60-5	trans-1,2-Dichloroethylene	ND		71200	82700	116	83500	117	1	77-129/27
10061-02-6	trans-1,3-Dichloropropene	ND		71200	69400	97	72400	102	4	87-131/27
100-41-4	Ethylbenzene	ND		71200	73200	103	75800	106	3	82-124/25
97-63-2	Ethyl methacrylate	ND		71200	44900	63*	47000	66*	5	78-118/30
76-13-1	Freon 113	ND		71200	85800	120	87800	123	2	62-147/29
591-78-6	2-Hexanone	ND		356000	305000	86	326000	92	7	67-130/29
87-68-3	Hexachlorobutadiene	ND		71200	77600	109	78900	111	2	77-150/36
110-54-3	Hexane	ND		71200	109000	153*	108000	152*	1	65-147/27
98-82-8	Isopropylbenzene	697		71200	75200	105	78300	109	4	82-133/27
99-87-6	p-Isopropyltoluene	ND		71200	75200	106	75700	106	1	82-132/29
108-10-1	4-Methyl-2-pentanone	ND		356000	269000	76	282000	79	5	69-125/24
126-98-7	Methacrylonitrile	ND		712000	575000	81	604000	85	5	70-138/22
74-83-9	Methyl bromide	ND		71200	29900	42*	29600	42*	1	60-146/31
74-87-3	Methyl chloride	ND		71200	69500	98	71300	100	3	58-163/26
74-88-4	Methyl iodide	ND		71200	86000	121	90400	127	5	66-128/27
80-62-6	Methyl methacrylate	ND		71200	65700	92	69000	97	5	73-125/24
74-95-3	Methylene bromide	ND		71200	63300	89	65600	92	4	75-128/26
75-09-2	Methylene chloride	996	B	71200	144000	201*	147000	205*	2	62-140/25
78-93-3	Methyl ethyl ketone	ND		356000	273000	77	284000	80	4	66-134/23
1634-04-4	Methyl Tert Butyl Ether	ND		71200	70900	100	73200	103	3	70-131/25
91-20-3	Naphthalene	ND		71200	58000	81	59300	83	2	59-143/31
76-01-7	Pentachloroethane	ND		71200	42700	60*	42700	60*	0	64-156/37
107-12-0	Propionitrile	ND		712000	593000	83	623000	87	5	73-133/23
103-65-1	n-Propylbenzene	ND		71200	72700	102	74600	105	3	78-129/29
100-42-5	Styrene	ND		71200	70400	99	74200	104	5	79-123/28
630-20-6	1,1,1,2-Tetrachloroethane	ND		71200	68200	96	72100	101	6	81-121/25
71-55-6	1,1,1-Trichloroethane	ND		71200	73600	103	75200	106	2	80-133/27
79-34-5	1,1,2,2-Tetrachloroethane	ND		71200	67800	95	69900	98	3	70-128/30
79-00-5	1,1,2-Trichloroethane	ND		71200	63400	89	65300	92	3	76-118/28
87-61-6	1,2,3-Trichlorobenzene	ND		71200	67900	95	67800	95	0	78-136/34
96-18-4	1,2,3-Trichloropropane	ND		71200	53300	75	57400	81	7	74-125/30
120-82-1	1,2,4-Trichlorobenzene	ND		71200	69900	98	69500	98	1	82-137/32

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F67531
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F67531-1MS	G0059874.D	10	08/26/09	MM	n/a	n/a	VG2256
F67531-1MSD	G0059875.D	10	08/26/09	MM	n/a	n/a	VG2256
F67531-1 [a]	G0059891.D	1	08/26/09	MM	n/a	n/a	VG2256
F67531-1 [b]	G0059873.D	10	08/26/09	MM	n/a	n/a	VG2256

The QC reported here applies to the following samples: **Method:** SW846 8260B

F67531-1

CAS No.	Compound	F67531-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
95-63-6	1,2,4-Trimethylbenzene	ND		71200	71300	100	72800	102	2	77-129/29
108-67-8	1,3,5-Trimethylbenzene	ND		71200	71800	101	74400	104	4	79-129/31
127-18-4	Tetrachloroethylene	ND		71200	89400	126	93200	131	4	79-132/27
108-88-3	Toluene	ND		71200	72900	102	76400	107	5	80-123/26
79-01-6	Trichloroethylene	ND		71200	74000	104	76800	108	4	78-132/28
75-69-4	Trichlorofluoromethane	ND		71200	63800	90	65300	92	2	67-149/29
110-57-6	Trans-1,4-Dichloro-2-Butene	ND		71200	119000	167*	126000	177*	6	74-138/30
75-01-4	Vinyl chloride	ND		71200	69500	98	70100	98	1	60-145/29
108-05-4	Vinyl Acetate	ND		356000	186000	52	171000	48	8	25-164/35
	m,p-Xylene	ND		142000	149000	105	155000	109	4	82-128/25
95-47-6	o-Xylene	ND		71200	73500	103	76500	107	4	82-126/25

CAS No.	Surrogate Recoveries	MS	MSD	F67531-1	F67531-1	Limits
1868-53-7	Dibromofluoromethane	98%	98%	96%	101%	80-121%
2037-26-5	Toluene-D8	99%	101%	97%	94%	71-130%
460-00-4	4-Bromofluorobenzene	99%	96%	84%	97%	59-148%
17060-07-0	1,2-Dichloroethane-D4	87%	87%	102%	104%	77-123%

(a) Methanol extract analysis required due to matrix interference.
(b) Confirmation run.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F67531
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F67564-1MS	G0059908.D	1	08/27/09	MM	n/a	n/a	VG2257
F67564-1MSD	G0059909.D	1	08/27/09	MM	n/a	n/a	VG2257
F67564-1 [a]	G0059902.D	1	08/27/09	MM	n/a	n/a	VG2257

The QC reported here applies to the following samples: **Method:** SW846 8260B

F67531-9

CAS No.	Compound	F67564-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	212		346	450	69	478	77	6	61-144/29
75-05-8	Acetonitrile	33.7	J	691	574	78	547	75	5	59-139/30
107-02-8	Acrolein	ND		346	ND	0*	ND	0*	nc	27-156/39
107-13-1	Acrylonitrile	ND		346	74.7	22*	55.1	16*	30*	55-144/24
107-05-1	Allyl chloride	ND		69.1	68.3	99	62.7	91	9	41-152/24
71-43-2	Benzene	ND		69.1	68.3	99	64.7	94	5	78-130/25
100-44-7	Benzyl Chloride	ND		69.1	17.8	26*	13.3	19*	29*	74-130/28
108-86-1	Bromobenzene	ND		69.1	51.4	74*	48.1	70*	7	78-123/30
74-97-5	Bromochloromethane	ND		69.1	57.0	82	53.9	78	6	72-122/23
75-27-4	Bromodichloromethane	ND		69.1	50.2	73	47.9	70*	5	73-122/25
75-25-2	Bromoform	ND		69.1	47.0	68*	42.6	62*	10	70-139/26
104-51-8	n-Butylbenzene	2.0	J	69.1	41.0	56*	41.0	57*	0	80-138/31
135-98-8	sec-Butylbenzene	ND		69.1	43.9	63*	44.5	65*	1	82-132/29
98-06-6	tert-Butylbenzene	ND		69.1	46.8	68*	44.7	65*	5	79-130/29
108-90-7	Chlorobenzene	ND		69.1	54.1	78*	49.7	72*	8	83-122/23
75-00-3	Chloroethane	ND		69.1	61.4	89	57.2	83	7	61-153/31
67-66-3	Chloroform	ND		69.1	64.4	93	63.8	93	1	79-129/27
544-10-5	1-Chlorohexane	ND		69.1	44.7	65*	44.4	65*	1	85-137/29
95-49-8	o-Chlorotoluene	8.5		69.1	57.2	70*	54.9	67*	4	77-123/31
106-43-4	p-Chlorotoluene	ND		69.1	49.5	72*	46.9	68*	5	78-129/29
110-75-8	2-Chloroethyl vinyl ether	ND		346	313	91	328	95	5	52-142/25
75-15-0	Carbon disulfide	ND		69.1	48.5	70	49.0	71	1	61-142/27
56-23-5	Carbon tetrachloride	ND		69.1	58.6	85	56.7	82	3	79-135/29
75-34-3	1,1-Dichloroethane	ND		69.1	68.8	100	68.0	99	1	77-132/26
75-35-4	1,1-Dichloroethylene	ND		69.1	97.3	141*	98.2	143*	1	66-132/27
563-58-6	1,1-Dichloropropene	ND		69.1	61.1	88	57.0	83	7	81-133/26
96-12-8	1,2-Dibromo-3-chloropropane	ND		69.1	42.9	62*	38.0	55*	12	67-129/29
106-93-4	1,2-Dibromoethane	ND		69.1	51.4	74*	46.3	67*	10	77-126/24
107-06-2	1,2-Dichloroethane	ND		69.1	58.7	85	55.0	80	7	78-129/24
78-87-5	1,2-Dichloropropane	ND		69.1	62.0	90	61.4	89	1	74-127/27
142-28-9	1,3-Dichloropropane	ND		69.1	54.5	79	51.6	75*	5	78-118/26
594-20-7	2,2-Dichloropropane	ND		69.1	60.4	87	60.6	88	0	80-137/28
124-48-1	Dibromochloromethane	ND		69.1	48.4	70*	44.2	64*	9	78-117/27
75-71-8	Dichlorodifluoromethane	ND		69.1	33.0	48	33.0	48	0	35-162/30
156-59-2	cis-1,2-Dichloroethylene	ND		69.1	59.3	86	53.9	78	10	74-123/26
10061-01-5	cis-1,3-Dichloropropene	ND		69.1	24.8	36*	21.1	31*	16	79-130/23

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F67531
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F67564-1MS	G0059908.D	1	08/27/09	MM	n/a	n/a	VG2257
F67564-1MSD	G0059909.D	1	08/27/09	MM	n/a	n/a	VG2257
F67564-1 [a]	G0059902.D	1	08/27/09	MM	n/a	n/a	VG2257

The QC reported here applies to the following samples: **Method:** SW846 8260B

F67531-9

CAS No.	Compound	F67564-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
1476-11-5	cis-1,4-Dichloro-2-Butene	ND		69.1	11.1	16*	9.1	13*	20	71-126/28
541-73-1	m-Dichlorobenzene	ND		69.1	46.4	67*	43.5	63*	6	82-126/29
95-50-1	o-Dichlorobenzene	ND		69.1	48.3	70*	45.2	66*	7	83-123/28
106-46-7	p-Dichlorobenzene	ND		69.1	46.7	68*	43.9	64*	6	84-124/28
156-60-5	trans-1,2-Dichloroethylene	ND		69.1	56.8	82	53.1	77	7	77-129/27
10061-02-6	trans-1,3-Dichloropropene	ND		69.1	39.2	57*	34.4	50*	13	87-131/27
100-41-4	Ethylbenzene	ND		69.1	55.1	80*	51.3	75*	7	82-124/25
97-63-2	Ethyl methacrylate	ND		69.1	ND	0*	ND	0*	nc	78-118/30
76-13-1	Freon 113	ND		69.1	71.0	103	65.8	96	8	62-147/29
591-78-6	2-Hexanone	ND		346	318	92	321	93	1	67-130/29
87-68-3	Hexachlorobutadiene	ND		69.1	33.1	48*	37.4	54*	12	77-150/36
110-54-3	Hexane	ND		69.1	52.7	76	56.3	82	7	65-147/27
98-82-8	Isopropylbenzene	ND		69.1	50.1	72*	48.8	71*	3	82-133/27
99-87-6	p-Isopropyltoluene	ND		69.1	45.4	66*	44.9	65*	1	82-132/29
108-10-1	4-Methyl-2-pentanone	27.0	J	346	312	82	335	89	7	69-125/24
126-98-7	Methacrylonitrile	ND		691	581	84	555	81	5	70-138/22
74-83-9	Methyl bromide	ND		69.1	22.6	33*	18.9	27*	18	60-146/31
74-87-3	Methyl chloride	ND		69.1	47.3	68	45.8	67	3	58-163/26
74-88-4	Methyl iodide	ND		69.1	29.0	42*	25.5	37*	13	66-128/27
80-62-6	Methyl methacrylate	ND		69.1	ND	0*	44.9	65*	200*	73-125/24
74-95-3	Methylene bromide	ND		69.1	54.9	79	52.7	77	4	75-128/26
75-09-2	Methylene chloride	ND		69.1	72.0	104	68.2	99	5	62-140/25
78-93-3	Methyl ethyl ketone	21.1	J	346	280	75	275	74	2	66-134/23
1634-04-4	Methyl Tert Butyl Ether	ND		69.1	67.3	97	70.5	102	5	70-131/25
91-20-3	Naphthalene	49.2		69.1	91.8	62	94.8	66	3	59-143/31
76-01-7	Pentachloroethane	ND		69.1	ND	0*	ND	0*	nc	64-156/37
107-12-0	Propionitrile	ND		691	614	89	579	84	6	73-133/23
103-65-1	n-Propylbenzene	ND		69.1	48.6	70*	46.1	67*	5	78-129/29
100-42-5	Styrene	3.0	J	69.1	54.3	74*	52.5	72*	3	79-123/28
630-20-6	1,1,1,2-Tetrachloroethane	ND		69.1	53.1	77*	48.6	71*	9	81-121/25
71-55-6	1,1,1-Trichloroethane	ND		69.1	62.9	91	61.3	89	3	80-133/27
79-34-5	1,1,2,2-Tetrachloroethane	ND		69.1	ND	0*	ND	0*	nc	70-128/30
79-00-5	1,1,2-Trichloroethane	ND		69.1	38.6	56*	35.1	51*	9	76-118/28
87-61-6	1,2,3-Trichlorobenzene	ND		69.1	39.0	56*	40.1	58*	3	78-136/34
96-18-4	1,2,3-Trichloropropane	ND		69.1	47.8	69*	41.6	60*	14	74-125/30
120-82-1	1,2,4-Trichlorobenzene	ND		69.1	39.7	57*	41.0	60*	3	82-137/32

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F67531
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F67564-1MS	G0059908.D	1	08/27/09	MM	n/a	n/a	VG2257
F67564-1MSD	G0059909.D	1	08/27/09	MM	n/a	n/a	VG2257
F67564-1 [a]	G0059902.D	1	08/27/09	MM	n/a	n/a	VG2257

The QC reported here applies to the following samples: **Method:** SW846 8260B

F67531-9

CAS No.	Compound	F67564-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
95-63-6	1,2,4-Trimethylbenzene	10.3		69.1	58.2	69*	56.8	68*	2	77-129/29
108-67-8	1,3,5-Trimethylbenzene	3.3	J	69.1	51.2	69*	48.6	66*	5	79-129/31
127-18-4	Tetrachloroethylene	ND		69.1	82.7	120	78.3	114	5	79-132/27
108-88-3	Toluene	14.4		69.1	70.8	82	76.3	90	7	80-123/26
79-01-6	Trichloroethylene	ND		69.1	107	155*	100	145*	7	78-132/28
75-69-4	Trichlorofluoromethane	ND		69.1	55.7	81	53.1	77	5	67-149/29
110-57-6	Trans-1,4-Dichloro-2-Butene	ND		69.1	56.1	81	45.2	66*	22	74-138/30
75-01-4	Vinyl chloride	ND		69.1	48.1	70	43.8	64	9	60-145/29
108-05-4	Vinyl Acetate	ND		346	19.0	5*	20.5	6*	8	25-164/35
	m,p-Xylene	9.3	J	138	118	79*	112	75*	5	82-128/25
95-47-6	o-Xylene	4.9	J	69.1	57.6	76*	55.9	74*	3	82-126/25

CAS No.	Surrogate Recoveries	MS	MSD	F67564-1	Limits
1868-53-7	Dibromofluoromethane	56%*	54%*	57%*	80-121%
2037-26-5	Toluene-D8	99%	98%	93%	71-130%
460-00-4	4-Bromofluorobenzene	100%	97%	97%	59-148%
17060-07-0	1,2-Dichloroethane-D4	92%	91%	109%	77-123%

(a) Sample analyzed beyond hold time; reported results are considered minimum values.

GC/MS Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F67531
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30114-MB	U013930.D	1	09/02/09	NAF	08/31/09	OP30114	SU673

The QC reported here applies to the following samples: **Method:** SW846 8270C

F67531-1, F67531-2, F67531-3, F67531-4, F67531-5, F67531-6, F67531-7, F67531-8, F67531-9, F67531-10

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	830	330	ug/kg	
95-57-8	2-Chlorophenol	ND	170	33	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	33	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	33	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	33	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	830	330	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	330	110	ug/kg	
95-48-7	2-Methylphenol	ND	170	33	ug/kg	
	3&4-Methylphenol	ND	170	33	ug/kg	
88-75-5	2-Nitrophenol	ND	170	33	ug/kg	
100-02-7	4-Nitrophenol	ND	830	330	ug/kg	
87-86-5	Pentachlorophenol	ND	830	330	ug/kg	
108-95-2	Phenol	ND	170	33	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	33	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	33	ug/kg	
83-32-9	Acenaphthene	ND	170	33	ug/kg	
208-96-8	Acenaphthylene	ND	170	33	ug/kg	
120-12-7	Anthracene	ND	170	33	ug/kg	
92-87-5	Benzidine	ND	1700	830	ug/kg	
56-55-3	Benzo(a)anthracene	ND	170	33	ug/kg	
50-32-8	Benzo(a)pyrene	ND	170	33	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	170	33	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	170	33	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	170	33	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	170	33	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	330	67	ug/kg	
100-51-6	Benzyl Alcohol	ND	170	33	ug/kg	
91-58-7	2-Chloronaphthalene	ND	170	33	ug/kg	
106-47-8	4-Chloroaniline	ND	170	67	ug/kg	
218-01-9	Chrysene	ND	170	33	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	170	33	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	170	33	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	170	33	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	33	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	170	43	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	170	43	ug/kg	

Method Blank Summary

Job Number: F67531
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30114-MB	U013930.D	1	09/02/09	NAF	08/31/09	OP30114	SU673

The QC reported here applies to the following samples: **Method:** SW846 8270C

F67531-1, F67531-2, F67531-3, F67531-4, F67531-5, F67531-6, F67531-7, F67531-8, F67531-9, F67531-10

CAS No.	Compound	Result	RL	MDL	Units	Q
106-46-7	1,4-Dichlorobenzene	ND	170	40	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	170	33	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	170	33	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	330	67	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	33	ug/kg	
132-64-9	Dibenzofuran	ND	170	33	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	330	67	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	330	67	ug/kg	
84-66-2	Diethyl phthalate	ND	330	170	ug/kg	
131-11-3	Dimethyl phthalate	ND	330	67	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	330	170	ug/kg	
206-44-0	Fluoranthene	ND	170	33	ug/kg	
86-73-7	Fluorene	ND	170	33	ug/kg	
118-74-1	Hexachlorobenzene	ND	170	33	ug/kg	
87-68-3	Hexachlorobutadiene	ND	170	33	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	170	33	ug/kg	
67-72-1	Hexachloroethane	ND	170	40	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	33	ug/kg	
78-59-1	Isophorone	ND	170	33	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	33	ug/kg	
88-74-4	2-Nitroaniline	ND	330	67	ug/kg	
99-09-2	3-Nitroaniline	ND	330	67	ug/kg	
100-01-6	4-Nitroaniline	ND	330	67	ug/kg	
91-20-3	Naphthalene	ND	170	33	ug/kg	
98-95-3	Nitrobenzene	ND	170	33	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	170	33	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	67	ug/kg	
85-01-8	Phenanthrene	ND	170	33	ug/kg	
129-00-0	Pyrene	ND	170	33	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	170	33	ug/kg	

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	74%	40-102%
4165-62-2	Phenol-d5	78%	41-100%

Method Blank Summary

Job Number: F67531
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30114-MB	U013930.D	1	09/02/09	NAF	08/31/09	OP30114	SU673

The QC reported here applies to the following samples: **Method:** SW846 8270C

F67531-1, F67531-2, F67531-3, F67531-4, F67531-5, F67531-6, F67531-7, F67531-8, F67531-9, F67531-10

CAS No.	Surrogate Recoveries		Limits
118-79-6	2,4,6-Tribromophenol	74%	42-108%
4165-60-0	Nitrobenzene-d5	74%	40-105%
321-60-8	2-Fluorobiphenyl	71%	43-107%
1718-51-0	Terphenyl-d14	76%	45-119%

Method Blank Summary

Job Number: F67531
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30114-MB	X007478.D	1	09/10/09	NAF	08/31/09	OP30114	SX393

The QC reported here applies to the following samples: **Method:** SW846 8270C

F67531-1, F67531-2, F67531-3, F67531-4, F67531-5, F67531-6, F67531-7, F67531-8, F67531-9, F67531-10

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	830	330	ug/kg	
95-57-8	2-Chlorophenol	ND	170	33	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	33	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	33	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	33	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	830	330	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	330	110	ug/kg	
95-48-7	2-Methylphenol	ND	170	33	ug/kg	
	3&4-Methylphenol	ND	170	33	ug/kg	
88-75-5	2-Nitrophenol	ND	170	33	ug/kg	
100-02-7	4-Nitrophenol	ND	830	330	ug/kg	
87-86-5	Pentachlorophenol	ND	830	330	ug/kg	
108-95-2	Phenol	ND	170	33	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	33	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	33	ug/kg	
83-32-9	Acenaphthene	ND	170	33	ug/kg	
208-96-8	Acenaphthylene	ND	170	33	ug/kg	
120-12-7	Anthracene	ND	170	33	ug/kg	
92-87-5	Benzidine	ND	1700	830	ug/kg	
56-55-3	Benzo(a)anthracene	ND	170	33	ug/kg	
50-32-8	Benzo(a)pyrene	ND	170	33	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	170	33	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	170	33	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	170	33	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	170	33	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	330	67	ug/kg	
100-51-6	Benzyl Alcohol	ND	170	33	ug/kg	
91-58-7	2-Chloronaphthalene	ND	170	33	ug/kg	
106-47-8	4-Chloroaniline	ND	170	67	ug/kg	
218-01-9	Chrysene	ND	170	33	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	170	33	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	170	33	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	170	33	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	33	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	170	43	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	170	43	ug/kg	

Method Blank Summary

Job Number: F67531
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30114-MB	X007478.D	1	09/10/09	NAF	08/31/09	OP30114	SX393

The QC reported here applies to the following samples: **Method:** SW846 8270C

F67531-1, F67531-2, F67531-3, F67531-4, F67531-5, F67531-6, F67531-7, F67531-8, F67531-9, F67531-10

CAS No.	Compound	Result	RL	MDL	Units	Q
106-46-7	1,4-Dichlorobenzene	ND	170	40	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	170	33	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	170	33	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	330	67	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	33	ug/kg	
132-64-9	Dibenzofuran	ND	170	33	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	330	67	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	330	67	ug/kg	
84-66-2	Diethyl phthalate	ND	330	170	ug/kg	
131-11-3	Dimethyl phthalate	ND	330	67	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	330	170	ug/kg	
206-44-0	Fluoranthene	ND	170	33	ug/kg	
86-73-7	Fluorene	ND	170	33	ug/kg	
118-74-1	Hexachlorobenzene	ND	170	33	ug/kg	
87-68-3	Hexachlorobutadiene	ND	170	33	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	170	33	ug/kg	
67-72-1	Hexachloroethane	ND	170	40	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	33	ug/kg	
78-59-1	Isophorone	ND	170	33	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	33	ug/kg	
88-74-4	2-Nitroaniline	ND	330	67	ug/kg	
99-09-2	3-Nitroaniline	ND	330	67	ug/kg	
100-01-6	4-Nitroaniline	ND	330	67	ug/kg	
91-20-3	Naphthalene	ND	170	33	ug/kg	
98-95-3	Nitrobenzene	ND	170	33	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	170	33	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	67	ug/kg	
85-01-8	Phenanthrene	ND	170	33	ug/kg	
129-00-0	Pyrene	ND	170	33	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	170	33	ug/kg	

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	80%	40-102%
4165-62-2	Phenol-d5	82%	41-100%

Method Blank Summary

Job Number: F67531
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30114-MB	X007478.D	1	09/10/09	NAF	08/31/09	OP30114	SX393

The QC reported here applies to the following samples: **Method:** SW846 8270C

F67531-1, F67531-2, F67531-3, F67531-4, F67531-5, F67531-6, F67531-7, F67531-8, F67531-9, F67531-10

CAS No.	Surrogate Recoveries		Limits
118-79-6	2,4,6-Tribromophenol	85%	42-108%
4165-60-0	Nitrobenzene-d5	76%	40-105%
321-60-8	2-Fluorobiphenyl	78%	43-107%
1718-51-0	Terphenyl-d14	86%	45-119%

Blank Spike Summary

Job Number: F67531
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30114-BS	U013929.D	1	09/02/09	NAF	08/31/09	OP30114	SU673

The QC reported here applies to the following samples: **Method:** SW846 8270C

F67531-1, F67531-2, F67531-3, F67531-4, F67531-5, F67531-6, F67531-7, F67531-8, F67531-9, F67531-10

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
65-85-0	Benzoic acid	3330	2130	64	44-116
95-57-8	2-Chlorophenol	1670	1310	79	54-97
59-50-7	4-Chloro-3-methyl phenol	1670	1440	86	59-102
120-83-2	2,4-Dichlorophenol	1670	1380	83	60-101
105-67-9	2,4-Dimethylphenol	1670	1220	73	49-89
51-28-5	2,4-Dinitrophenol	3330	2170	65	39-107
534-52-1	4,6-Dinitro-o-cresol	3330	2790	84	58-109
95-48-7	2-Methylphenol	1670	1220	73	53-94
	3&4-Methylphenol	3330	2560	77	54-95
88-75-5	2-Nitrophenol	1670	1310	79	55-96
100-02-7	4-Nitrophenol	3330	2770	83	56-106
87-86-5	Pentachlorophenol	3330	2700	81	50-115
108-95-2	Phenol	1670	1260	76	55-99
95-95-4	2,4,5-Trichlorophenol	1670	1350	81	60-101
88-06-2	2,4,6-Trichlorophenol	1670	1400	84	60-100
83-32-9	Acenaphthene	1670	1370	82	59-97
208-96-8	Acenaphthylene	1670	1310	79	58-98
120-12-7	Anthracene	1670	1360	82	61-104
56-55-3	Benzo(a)anthracene	1670	1460	88	60-106
50-32-8	Benzo(a)pyrene	1670	1390	83	59-102
205-99-2	Benzo(b)fluoranthene	1670	1460	88	60-107
191-24-2	Benzo(g,h,i)perylene	1670	1270	76	56-103
207-08-9	Benzo(k)fluoranthene	1670	1510	91	61-107
101-55-3	4-Bromophenyl phenyl ether	1670	1490	89	60-104
85-68-7	Butyl benzyl phthalate	1670	1500	90	57-110
100-51-6	Benzyl Alcohol	1670	1180	71	51-102
91-58-7	2-Chloronaphthalene	1670	1250	75	57-95
106-47-8	4-Chloroaniline	1670	899	54	19-85
218-01-9	Chrysene	1670	1450	87	60-107
111-91-1	bis(2-Chloroethoxy)methane	1670	1300	78	51-89
111-44-4	bis(2-Chloroethyl)ether	1670	1250	75	50-96
108-60-1	bis(2-Chloroisopropyl)ether	1670	1300	78	44-94
7005-72-3	4-Chlorophenyl phenyl ether	1670	1430	86	60-101
95-50-1	1,2-Dichlorobenzene	1670	1190	71	47-91
541-73-1	1,3-Dichlorobenzene	1670	1160	70	45-86
106-46-7	1,4-Dichlorobenzene	1670	1160	70	45-88

Blank Spike Summary

Job Number: F67531
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30114-BS	U013929.D	1	09/02/09	NAF	08/31/09	OP30114	SU673

The QC reported here applies to the following samples: **Method:** SW846 8270C

F67531-1, F67531-2, F67531-3, F67531-4, F67531-5, F67531-6, F67531-7, F67531-8, F67531-9, F67531-10

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
121-14-2	2,4-Dinitrotoluene	1670	1340	80	59-103
606-20-2	2,6-Dinitrotoluene	1670	1330	80	57-99
91-94-1	3,3'-Dichlorobenzidine	1670	869	52	34-88
53-70-3	Dibenzo(a,h)anthracene	1670	1300	78	57-105
132-64-9	Dibenzofuran	1670	1290	77	58-103
84-74-2	Di-n-butyl phthalate	1670	1500	90	59-105
117-84-0	Di-n-octyl phthalate	1670	1540	92	59-117
84-66-2	Diethyl phthalate	1670	1500	90	59-106
131-11-3	Dimethyl phthalate	1670	1440	86	60-100
117-81-7	bis(2-Ethylhexyl)phthalate	1670	1490	89	57-111
206-44-0	Fluoranthene	1670	1460	88	60-110
86-73-7	Fluorene	1670	1400	84	60-99
118-74-1	Hexachlorobenzene	1670	1370	82	58-103
87-68-3	Hexachlorobutadiene	1670	1220	73	49-95
77-47-4	Hexachlorocyclopentadiene	1670	1010	61	36-94
67-72-1	Hexachloroethane	1670	1210	73	44-89
193-39-5	Indeno(1,2,3-cd)pyrene	1670	1270	76	57-104
78-59-1	Isophorone	1670	1150	69	58-97
91-57-6	2-Methylnaphthalene	1670	1240	74	57-103
88-74-4	2-Nitroaniline	1670	1600	96	53-106
99-09-2	3-Nitroaniline	1670	886	53	29-85
100-01-6	4-Nitroaniline	1670	1260	76	49-104
91-20-3	Naphthalene	1670	1200	72	54-93
98-95-3	Nitrobenzene	1670	1230	74	53-92
621-64-7	N-Nitroso-di-n-propylamine	1670	1250	75	49-94
86-30-6	N-Nitrosodiphenylamine	1670	1310	79	53-107
85-01-8	Phenanthrene	1670	1480	89	61-103
129-00-0	Pyrene	1670	1420	85	58-109
120-82-1	1,2,4-Trichlorobenzene	1670	1200	72	52-93

CAS No.	Surrogate Recoveries	BSP	Limits
367-12-4	2-Fluorophenol	73%	40-102%
4165-62-2	Phenol-d5	76%	41-100%
118-79-6	2,4,6-Tribromophenol	78%	42-108%

Blank Spike Summary

Job Number: F67531
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30114-BS	U013929.D	1	09/02/09	NAF	08/31/09	OP30114	SU673

The QC reported here applies to the following samples: **Method:** SW846 8270C

F67531-1, F67531-2, F67531-3, F67531-4, F67531-5, F67531-6, F67531-7, F67531-8, F67531-9, F67531-10

CAS No.	Surrogate Recoveries	BSP	Limits
4165-60-0	Nitrobenzene-d5	72%	40-105%
321-60-8	2-Fluorobiphenyl	70%	43-107%
1718-51-0	Terphenyl-d14	73%	45-119%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F67531
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30114-MS	U013935.D	1	09/02/09	NAF	08/31/09	OP30114	SU673
OP30114-MSD	U013936.D	1	09/02/09	NAF	08/31/09	OP30114	SU673
F67531-2	U013934.D	1	09/02/09	NAF	08/31/09	OP30114	SU673

The QC reported here applies to the following samples: **Method:** SW846 8270C

F67531-1, F67531-2, F67531-3, F67531-4, F67531-5, F67531-6, F67531-7, F67531-8, F67531-9, F67531-10

CAS No.	Compound	F67531-2 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
65-85-0	Benzoic acid	ND		3990	1220	31*	1230	31*	1	44-116/36
95-57-8	2-Chlorophenol	ND		1990	1400	70	1530	77	9	54-97/31
59-50-7	4-Chloro-3-methyl phenol	ND		1990	1570	79	1630	82	4	59-102/27
120-83-2	2,4-Dichlorophenol	ND		1990	1470	74	1560	79	6	60-101/30
105-67-9	2,4-Dimethylphenol	ND		1990	1340	67	1400	71	4	49-89/31
51-28-5	2,4-Dinitrophenol	ND		3990	1110	28*	1070	27*	4	39-107/40
534-52-1	4,6-Dinitro-o-cresol	ND		3990	2030	51*	1860	47*	9	58-109/37
95-48-7	2-Methylphenol	ND		1990	1370	69	1450	73	6	53-94/29
	3&4-Methylphenol	ND		3990	2850	72	3010	76	5	54-95/31
88-75-5	2-Nitrophenol	ND		1990	1360	68	1480	75	8	55-96/30
100-02-7	4-Nitrophenol	ND		3990	3040	76	3090	78	2	56-106/29
87-86-5	Pentachlorophenol	ND		3990	2440	61	2510	63	3	50-115/33
108-95-2	Phenol	ND		1990	1360	68	1490	75	9	55-99/28
95-95-4	2,4,5-Trichlorophenol	ND		1990	1390	70	1440	73	4	60-101/28
88-06-2	2,4,6-Trichlorophenol	ND		1990	1470	74	1550	78	5	60-100/27
83-32-9	Acenaphthene	ND		1990	1430	72	1490	75	4	59-97/29
208-96-8	Acenaphthylene	ND		1990	1380	69	1440	73	4	58-98/30
120-12-7	Anthracene	ND		1990	1410	71	1450	73	3	61-104/29
56-55-3	Benzo(a)anthracene	ND		1990	1510	76	1560	79	3	60-106/31
50-32-8	Benzo(a)pyrene	ND		1990	1470	74	1520	77	3	59-102/32
205-99-2	Benzo(b)fluoranthene	ND		1990	1530	77	1610	81	5	60-107/31
191-24-2	Benzo(g,h,i)perylene	ND		1990	1270	64	1370	69	8	56-103/32
207-08-9	Benzo(k)fluoranthene	ND		1990	1640	82	1620	82	1	61-107/30
101-55-3	4-Bromophenyl phenyl ether	ND		1990	1510	76	1560	79	3	60-104/26
85-68-7	Butyl benzyl phthalate	ND		1990	1550	78	1620	82	4	57-110/28
100-51-6	Benzyl Alcohol	ND		1990	1340	67	1480	75	10	51-102/34
91-58-7	2-Chloronaphthalene	ND		1990	1320	66	1390	70	5	57-95/28
106-47-8	4-Chloroaniline	ND		1990	1170	59	1230	62	5	19-85/34
218-01-9	Chrysene	ND		1990	1540	77	1570	79	2	60-107/31
111-91-1	bis(2-Chloroethoxy)methane	ND		1990	1360	68	1460	74	7	51-89/30
111-44-4	bis(2-Chloroethyl)ether	ND		1990	1310	66	1420	72	8	50-96/33
108-60-1	bis(2-Chloroisopropyl)ether	ND		1990	1400	70	1480	75	6	44-94/32
7005-72-3	4-Chlorophenyl phenyl ether	ND		1990	1500	75	1550	78	3	60-101/26
95-50-1	1,2-Dichlorobenzene	ND		1990	1190	60	1330	67	11	47-91/35
541-73-1	1,3-Dichlorobenzene	ND		1990	1140	57	1270	64	11	45-86/36
106-46-7	1,4-Dichlorobenzene	ND		1990	1160	58	1280	65	10	45-88/36

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F67531
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30114-MS	U013935.D	1	09/02/09	NAF	08/31/09	OP30114	SU673
OP30114-MSD	U013936.D	1	09/02/09	NAF	08/31/09	OP30114	SU673
F67531-2	U013934.D	1	09/02/09	NAF	08/31/09	OP30114	SU673

The QC reported here applies to the following samples: **Method:** SW846 8270C

F67531-1, F67531-2, F67531-3, F67531-4, F67531-5, F67531-6, F67531-7, F67531-8, F67531-9, F67531-10

CAS No.	Compound	F67531-2 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
121-14-2	2,4-Dinitrotoluene	ND		1990	1410	71	1480	75	5	59-103/30
606-20-2	2,6-Dinitrotoluene	ND		1990	1390	70	1460	74	5	57-99/30
91-94-1	3,3'-Dichlorobenzidine	ND		1990	1160	58	1180	60	2	34-88/31
53-70-3	Dibenzo(a,h)anthracene	ND		1990	1320	66	1380	70	4	57-105/29
132-64-9	Dibenzofuran	ND		1990	1390	70	1470	74	6	58-103/27
84-74-2	Di-n-butyl phthalate	ND		1990	1580	79	1620	82	3	59-105/27
117-84-0	Di-n-octyl phthalate	ND		1990	1650	83	1700	86	3	59-117/28
84-66-2	Diethyl phthalate	ND		1990	1570	79	1640	83	4	59-106/27
131-11-3	Dimethyl phthalate	ND		1990	1520	76	1580	80	4	60-100/26
117-81-7	bis(2-Ethylhexyl)phthalate	ND		1990	1530	77	1620	82	6	57-111/29
206-44-0	Fluoranthene	ND		1990	1560	78	1580	80	1	60-110/32
86-73-7	Fluorene	ND		1990	1490	75	1540	78	3	60-99/30
118-74-1	Hexachlorobenzene	ND		1990	1400	70	1470	74	5	58-103/27
87-68-3	Hexachlorobutadiene	ND		1990	1210	61	1340	68	10	49-95/33
77-47-4	Hexachlorocyclopentadiene	ND		1990	635	32*	835	42	27	36-94/41
67-72-1	Hexachloroethane	ND		1990	1140	57	1290	65	12	44-89/38
193-39-5	Indeno(1,2,3-cd)pyrene	ND		1990	1280	64	1360	69	6	57-104/33
78-59-1	Isophorone	ND		1990	1210	61	1290	65	6	58-97/30
91-57-6	2-Methylnaphthalene	ND		1990	1370	69	1490	75	8	57-103/32
88-74-4	2-Nitroaniline	ND		1990	1780	89	1870	94	5	53-106/29
99-09-2	3-Nitroaniline	ND		1990	1240	62	1310	66	5	29-85/31
100-01-6	4-Nitroaniline	ND		1990	1480	74	1550	78	5	49-104/31
91-20-3	Naphthalene	ND		1990	1250	63	1350	68	8	54-93/32
98-95-3	Nitrobenzene	ND		1990	1300	65	1410	71	8	53-92/32
621-64-7	N-Nitroso-di-n-propylamine	ND		1990	1350	68	1460	74	8	49-94/28
86-30-6	N-Nitrosodiphenylamine	ND		1990	1340	67	1400	71	4	53-107/28
85-01-8	Phenanthrene	ND		1990	1550	78	1600	81	3	61-103/32
129-00-0	Pyrene	ND		1990	1480	74	1560	79	5	58-109/33
120-82-1	1,2,4-Trichlorobenzene	ND		1990	1210	61	1310	66	8	52-93/32

CAS No.	Surrogate Recoveries	MS	MSD	F67531-2	Limits
367-12-4	2-Fluorophenol	68%	74%	72%	40-102%
4165-62-2	Phenol-d5	71%	78%	76%	41-100%
118-79-6	2,4,6-Tribromophenol	70%	74%	75%	42-108%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F67531
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30114-MS	U013935.D	1	09/02/09	NAF	08/31/09	OP30114	SU673
OP30114-MSD	U013936.D	1	09/02/09	NAF	08/31/09	OP30114	SU673
F67531-2	U013934.D	1	09/02/09	NAF	08/31/09	OP30114	SU673

The QC reported here applies to the following samples: **Method:** SW846 8270C

F67531-1, F67531-2, F67531-3, F67531-4, F67531-5, F67531-6, F67531-7, F67531-8, F67531-9, F67531-10

CAS No.	Surrogate Recoveries	MS	MSD	F67531-2	Limits
4165-60-0	Nitrobenzene-d5	65%	71%	71%	40-105%
321-60-8	2-Fluorobiphenyl	63%	68%	68%	43-107%
1718-51-0	Terphenyl-d14	66%	71%	70%	45-119%

GC Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F67531
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GCD3785-MB	CD089581.D	1	09/02/09	JG	n/a	n/a	GCD3785

The QC reported here applies to the following samples: **Method:** SW846 8015

F67531-2, F67531-3, F67531-4, F67531-5, F67531-6, F67531-7, F67531-8, F67531-9, F67531-10

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	5.0	2.5	mg/kg	

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	81%	56-136%
98-08-8	aaa-Trifluorotoluene	84%	61-121%

Method Blank Summary

Job Number: F67531
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GCD3787-MB	CD089630.D	1	09/04/09	JG	n/a	n/a	GCD3787

The QC reported here applies to the following samples: **Method:** SW846 8015

F67531-1

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	5.0	2.5	mg/kg	

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	82%	56-136%
98-08-8	aaa-Trifluorotoluene	83%	61-121%

Blank Spike Summary

Job Number: F67531
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GCD3785-BS	CD089580.D	1	09/02/09	JG	n/a	n/a	GCD3785

The QC reported here applies to the following samples: **Method:** SW846 8015

F67531-2, F67531-3, F67531-4, F67531-5, F67531-6, F67531-7, F67531-8, F67531-9, F67531-10

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH-GRO (C6-C10)	20	18.5	93	74-121

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	108%	56-136%
98-08-8	aaa-Trifluorotoluene	108%	61-121%

Blank Spike Summary

Job Number: F67531
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GCD3787-BS	CD089629.D	1	09/04/09	JG	n/a	n/a	GCD3787

The QC reported here applies to the following samples: **Method:** SW846 8015

F67531-1

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH-GRO (C6-C10)	20	18.4	92	74-121

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	88%	56-136%
98-08-8	aaa-Trifluorotoluene	88%	61-121%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F67531
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F67531-2MS	CD089584.D	1	09/02/09	JG	n/a	n/a	GCD3785
F67531-2MSD	CD089585.D	1	09/02/09	JG	n/a	n/a	GCD3785
F67531-2	CD089583.D	1	09/02/09	JG	n/a	n/a	GCD3785

The QC reported here applies to the following samples: **Method:** SW846 8015

F67531-2, F67531-3, F67531-4, F67531-5, F67531-6, F67531-7, F67531-8, F67531-9, F67531-10

CAS No.	Compound	F67531-2 mg/kg	Q	Spike mg/kg	MS mg/kg	MS %	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	ND		26.6	25.0	94	23.2	87	7	74-121/17

CAS No.	Surrogate Recoveries	MS	MSD	F67531-2	Limits
460-00-4	4-Bromofluorobenzene	117%	116%	84%	56-136%
98-08-8	aaa-Trifluorotoluene	119%	95%	78%	61-121%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F67531
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F67526-3MS	CD089634.D	1	09/04/09	JG	n/a	n/a	GCD3787
F67526-3MSD	CD089635.D	1	09/04/09	JG	n/a	n/a	GCD3787
F67526-3	CD089633.D	1	09/04/09	JG	n/a	n/a	GCD3787

The QC reported here applies to the following samples: **Method:** SW846 8015

F67531-1

CAS No.	Compound	F67526-3 mg/kg	Q	Spike mg/kg	MS mg/kg	MS %	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	983		1210	1730	62*	1890	75	9	74-121/17

CAS No.	Surrogate Recoveries	MS	MSD	F67526-3	Limits
460-00-4	4-Bromofluorobenzene	110% [a]	117% [a]	114% [a]	56-136%
460-00-4	4-Bromofluorobenzene	242%* [b]	239%* [b]	259%* [b]	56-136%
98-08-8	aaa-Trifluorotoluene	100%	95%	92%	61-121%

(a) Result reported from PID.
(b) Outside control limits due to matrix interference.

GC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F67531
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30115-MB	LL27450.D	1	09/04/09	SL	08/31/09	OP30115	GLL1044

The QC reported here applies to the following samples: **Method:** SW846 8015 M

F67531-1, F67531-2, F67531-3, F67531-4, F67531-5, F67531-6, F67531-7, F67531-8

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	8.3	5.0	mg/kg	
	TPH (> C22-C36)	ND	8.3	5.0	mg/kg	

CAS No.	Surrogate Recoveries		Limits
84-15-1	o-Terphenyl	93%	49-108%

Method Blank Summary

Job Number: F67531
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30115-MB	LL27510.D	1	09/08/09	ME	08/31/09	OP30115	GLL1045

The QC reported here applies to the following samples: **Method:** SW846 8015 M

F67531-1, F67531-2, F67531-3, F67531-4, F67531-5, F67531-6, F67531-7, F67531-8

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	8.3	5.0	mg/kg	
	TPH (> C22-C36)	ND	8.3	5.0	mg/kg	

CAS No.	Surrogate Recoveries		Limits
84-15-1	o-Terphenyl	89%	49-108%

Method Blank Summary

Job Number: F67531
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30138-MB	LL27480.D	1	09/05/09	SL	09/02/09	OP30138	GLL1044

The QC reported here applies to the following samples: **Method:** SW846 8015 M

F67531-9, F67531-10

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	8.3	5.0	mg/kg	
	TPH (> C22-C36)	ND	8.3	5.0	mg/kg	

CAS No.	Surrogate Recoveries		Limits
84-15-1	o-Terphenyl	92%	49-108%

Method Blank Summary

Job Number: F67531
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30138-MB	LL27514.D	1	09/08/09	ME	09/02/09	OP30138	GLL1045

The QC reported here applies to the following samples: **Method:** SW846 8015 M

F67531-9, F67531-10

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	8.3	5.0	mg/kg	
	TPH (> C22-C36)	ND	8.3	5.0	mg/kg	

CAS No.	Surrogate Recoveries		Limits
84-15-1	o-Terphenyl	93%	49-108%

Blank Spike Summary

Job Number: F67531
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30115-BS	LL27449.D	1	09/04/09	SL	08/31/09	OP30115	GLL1044

The QC reported here applies to the following samples: **Method:** SW846 8015 M

F67531-1, F67531-2, F67531-3, F67531-4, F67531-5, F67531-6, F67531-7, F67531-8

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH (C10-C22)	33.3	31.2	94	64-102
	TPH (> C22-C36)	33.3	34.2	103	52-131

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	96%	49-108%

Blank Spike Summary

Job Number: F67531
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30138-BS	LL27479.D	1	09/05/09	SL	09/02/09	OP30138	GLL1044

The QC reported here applies to the following samples: **Method:** SW846 8015 M

F67531-9, F67531-10

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH (C10-C22)	33.3	28.7	86	64-102
	TPH (> C22-C36)	33.3	31.6	95	52-131

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	89%	49-108%

8.2.2

8

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F67531
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30115-MS	LL27471.D	1	09/05/09	SL	08/31/09	OP30115	GLL1044
OP30115-MSD	LL27472.D	1	09/05/09	SL	08/31/09	OP30115	GLL1044
F67531-2	LL27470.D	1	09/05/09	SL	08/31/09	OP30115	GLL1044

The QC reported here applies to the following samples: **Method:** SW846 8015 M

F67531-1, F67531-2, F67531-3, F67531-4, F67531-5, F67531-6, F67531-7, F67531-8

CAS No.	Compound	F67531-2 mg/kg	Q	Spike mg/kg	MS mg/kg	MS %	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH (C10-C22)	ND		39.9	35.9	90	35.0	88	3	64-102/32
	TPH (> C22-C36)	ND		39.9	39.6	99	40.3	101	2	52-131/30

CAS No.	Surrogate Recoveries	MS	MSD	F67531-2	Limits
84-15-1	o-Terphenyl	93%	93%	86%	49-108%

8.3.1

8

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F67531
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30138-MS	LL27483.D	1	09/05/09	SL	09/02/09	OP30138	GLL1044
OP30138-MSD	LL27484.D	1	09/05/09	SL	09/02/09	OP30138	GLL1044
F67531-10	LL27482.D	1	09/05/09	SL	09/02/09	OP30138	GLL1044

The QC reported here applies to the following samples: **Method:** SW846 8015 M

F67531-9, F67531-10

CAS No.	Compound	F67531-10 mg/kg	Q	Spike mg/kg	MS mg/kg	MS %	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH (C10-C22)	ND		40	31.1	78	32.4	79	4	64-102/32
	TPH (> C22-C36)	ND		40	37.3	93	39.6	96	6	52-131/30

CAS No.	Surrogate Recoveries	MS	MSD	F67531-10	Limits
84-15-1	o-Terphenyl	85%	85%	79%	49-108%

Southeast ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

09/29/09

Technical Report for

Nation View

Holloman AFB; WPOL

8090012.01.010

Accutest Job Number: F67545

Sampling Date: 08/24/09

Report to:

Bhate Environmental Associates, Inc.

MOlive@bhate.com

ATTN: Marcia Olive

Total number of pages in report: **105**

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Harry Behzadi, Ph.D.
Laboratory Director

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Test results relate only to samples analyzed.

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Accutest Laboratories

Sample Summary

Nation View

Job No: F67545

Holloman AFB; WPOL
Project No: 8090012.01.010

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
F67545-1	08/24/09	12:20	DM	08/26/09	SO	Soil	WPOL-SB25-5
F67545-2	08/24/09	12:30	DM	08/26/09	SO	Soil	WPOL-SB25-10
F67545-3	08/24/09	13:35	DM	08/26/09	SO	Soil	WPOL-SB27-6
F67545-4	08/24/09	13:45	DM	08/26/09	SO	Soil	WPOL-SB27-9
F67545-5	08/24/09	14:00	DM	08/26/09	SO	Soil	WPOL-SB28-3
F67545-6	08/24/09	14:10	DM	08/26/09	SO	Soil	WPOL-SB28-9
F67545-7	08/24/09	12:20	DM	08/26/09	SO	Trip Blank Soil	TRIP BLANK COOLER 3

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client: Nation View **Job No:** F67545

Site: Holloman AFB; WPOL **Report Date** 9/16/2009 2:01:21 PM

6 Samples, 1 Trip Blank were collected on 08/24/2009 and were received at Accutest on 08/26/2009 properly preserved, at 4.8 Deg. C and intact. These Samples received an Accutest job number of F67545. 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.

Volatiles by GCMS By Method SW846 8260B

Matrix: SO **Batch ID:** VG2256

All samples were analyzed within the recommended method holding time.

Sample(s) F67531-1MS, F67531-1MSD were used as the QC samples indicated.

Sample(s) F67545-1, F67545-2, F67545-3 have compound(s) reported with a “B” qualifier, indicating analyte is found in the associated method blank.

Blank Spike Recovery(s) for Carbon disulfide, Hexane, Methyl iodide, Trans-1,4-Dichloro-2-Butene are outside control limits.

Matrix Spike Recovery(s) for Benzyl Chloride, Carbon disulfide, Ethyl methacrylate, Hexane, Methyl bromide, Methylene chloride, Pentachloroethane, Trans-1,4-Dichloro-2-Butene are outside control limits. Probable cause due to matrix interference.

Matrix Spike Duplicate Recovery(s) for Benzyl Chloride, Carbon disulfide, Ethyl methacrylate, Hexane, Methyl bromide, Methylene chloride, Pentachloroethane, Trans-1,4-Dichloro-2-Butene are outside control limits. Probable cause due to matrix interference.

Sample(s) F67564-1MS, F67564-1MSD have surrogates outside control limits. Probable cause due to matrix interference.

F67545-2 for Methylene chloride: Suspected laboratory contaminant.

F67545-2 for Hexane: ICV and BS outside of control limits.

F67545-1 for Methylene chloride: Suspected laboratory contaminant.

F67545-3 for Hexane: ICV and BS outside of control limits.

F67545-3 for Methylene chloride: Suspected laboratory contaminant.

F67545-3 for Carbon disulfide: ICV and BS outside of control limits.

Matrix: SO **Batch ID:** VG2257

All samples were analyzed within the recommended method holding time.

Sample(s) F67564-1MS, F67564-1MSD were used as the QC samples indicated.

Sample(s) F67545-4, F67545-5, F67545-6 have compound(s) reported with a “B” qualifier, indicating analyte is found in the associated method blank.

Blank Spike Recovery(s) for 1,1-Dichloroethylene, Acrylonitrile, Allyl chloride, Carbon disulfide, Methyl iodide, Trans-1,4-Dichloro-2-Butene are outside control limits.

Matrix Spike Recovery(s) for 1,1,1,2-Tetrachloroethane, 1,1,2,2-Tetrachloroethane, 1,1,2-Trichloroethane, 1,1-Dichloroethylene, 1,2,3-Trichloropropane, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, Acrolein, Acrylonitrile, Bromoform, Chlorobenzene, cis-1,3-Dichloropropene, Dibromochloromethane, Ethyl methacrylate, Ethylbenzene, Methyl bromide, Methyl iodide, Methyl methacrylate, Pentachloroethane, Styrene, trans-1,3-Dichloropropene, Trichloroethylene, Vinyl Acetate, Xylene (total) are outside control limits. Probable cause due to matrix interference.

Matrix Spike Duplicate Recovery(s) for 1,1,1,2-Tetrachloroethane, 1,1,2,2-Tetrachloroethane, 1,1,2-Trichloroethane, 1,1-Dichloroethylene, 1,2,3-Trichloropropane, 1,2-Dibromo-3-chloropropane, 1,2-Dibromoethane, Acrolein, Acrylonitrile, Bromodichloromethane, Bromoform, Chlorobenzene, cis-1,3-Dichloropropene, Dibromochloromethane, Ethyl methacrylate, Ethylbenzene, Methyl bromide, Methyl iodide, Methyl methacrylate, Pentachloroethane, Styrene, trans-1,3-Dichloropropene, Trans-1,4-Dichloro-2-Butene, Trichloroethylene, Vinyl Acetate, Xylene (total) are outside control limits. Probable cause due to matrix interference.

Volatiles by GCMS By Method SW846 8260B

Matrix: SO **Batch ID:** VG2257

RPD(s) for MSD for Acrylonitrile, Methyl methacrylate are outside control limits for sample F67564-1MSD. Probable cause due to sample homogeneity.

Sample(s) F67564-1MS, F67564-1MSD have surrogates outside control limits. Probable cause due to matrix interference.

F67545-5: Methanol extract analysis required due to matrix interference.

F67545-6: Methanol extract analysis required due to matrix interference.

F67545-5 for Methylene chloride: Suspected laboratory contaminant.

F67545-6 for Methylene chloride: Suspected laboratory contaminant.

F67545-4 for Methylene chloride: Suspected laboratory contaminant.

F67545-4 for Carbon disulfide: ICV and BS outside of control limits.

Extractables by GCMS By Method SW846 8270C

Matrix: SO **Batch ID:** OP30114

All samples were extracted within the recommended method holding time.

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Sample(s) F67531-2MS, F67531-2MSD were used as the QC samples indicated.

MS/MSD Recovery(s) for 2,4-Dinitrophenol, 4,6-Dinitro-o-cresol, Benzoic acid, Hexachlorocyclopentadiene are outside control limits. Probable cause due to matrix interference. For method performance in clean matrix see Blank Spike.

F67545-5: Dilution required due to matrix interference.

F67545-6: Dilution required due to matrix interference.

Volatiles by GC By Method SW846 8015

Matrix: SO **Batch ID:** GUV2055

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Sample(s) F67545-1MS, F67545-1MSD were used as the QC samples indicated.

Sample(s) F67545-3, F67545-3MS, F67545-3MSD, F67545-5, F67545-6 have surrogates outside control limits. Probable cause due to matrix interference.

Matrix: SO **Batch ID:** GUV2056

All samples were analyzed within the recommended method holding time.

Sample(s) F67545-3MS, F67545-3MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

Sample(s) F67545-3, F67545-3MS, F67545-3MSD, F67545-5, F67545-6 have surrogates outside control limits. Probable cause due to matrix interference.

F67545-3 for 4-Bromofluorobenzene: Outside control limits due to matrix interference.

F67545-3MSD for 4-Bromofluorobenzene: Outside control limits due to matrix interference.

F67545-3MS for 4-Bromofluorobenzene: Outside control limits due to matrix interference.

F67545-5 for 4-Bromofluorobenzene: Outside control limits due to matrix interference.

F67545-6 for 4-Bromofluorobenzene: Outside control limits due to matrix interference.

Extractables by GC By Method SW846 8015 M

Matrix: SO **Batch ID:** OP30138

All samples were extracted within the recommended method holding time.

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Sample(s) F67531-10MS, F67531-10MSD were used as the QC samples indicated.

Wet Chemistry By Method SM19 2540B M

Matrix: SO **Batch ID:** GN36399

Sample(s) F67545-1DUP were used as the QC samples for Solids, 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: September 16, 2009

Svetlana Izosimova, QAO (signature on file)

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	WPOL-SB25-5		
Lab Sample ID:	F67545-1	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/26/09
Method:	SW846 8260B SW846 5035	**Percent Solids:**	80.2
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G0059876.D	1	08/26/09	MM	08/26/09 10:59	n/a	VG2256
Run #2							

	Initial Weight
Run #1	5.70 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	55	27	ug/kg	
75-05-8	Acetonitrile	ND	55	18	ug/kg	
107-02-8	Acrolein	ND	27	11	ug/kg	
107-13-1	Acrylonitrile	ND	27	7.5	ug/kg	
107-05-1	Allyl chloride	ND	27	5.5	ug/kg	
71-43-2	Benzene	ND	5.5	1.1	ug/kg	
100-44-7	Benzyl Chloride	ND	5.5	1.2	ug/kg	
108-86-1	Bromobenzene	ND	5.5	1.1	ug/kg	
74-97-5	Bromochloromethane	ND	5.5	1.9	ug/kg	
75-27-4	Bromodichloromethane	ND	5.5	1.3	ug/kg	
75-25-2	Bromoform	ND	5.5	1.6	ug/kg	
104-51-8	n-Butylbenzene	ND	5.5	1.5	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.5	1.2	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.5	1.2	ug/kg	
108-90-7	Chlorobenzene	ND	5.5	1.1	ug/kg	
75-00-3	Chloroethane	ND	5.5	2.2	ug/kg	
67-66-3	Chloroform	ND	5.5	1.9	ug/kg	
544-10-5	1-Chlorohexane	ND	5.5	1.4	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.5	1.1	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.5	1.1	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	27	11	ug/kg	
75-15-0	Carbon disulfide	ND	5.5	1.2	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.5	1.5	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.5	2.2	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	5.5	1.4	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.5	1.5	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.5	2.6	ug/kg	
106-93-4	1,2-Dibromoethane	ND	5.5	1.1	ug/kg	
107-06-2	1,2-Dichloroethane	ND	5.5	1.2	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.5	1.5	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.5	1.1	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.5	2.3	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB25-5		
Lab Sample ID:	F67545-1	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/26/09
Method:	SW846 8260B SW846 5035	**Percent Solids:**	80.2
Project:	Holloman AFB; WPOL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	5.5	1.1	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.5	2.2	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	5.5	1.8	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.5	1.4	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	27	5.5	ug/kg	
541-73-1	m-Dichlorobenzene	ND	5.5	1.1	ug/kg	
95-50-1	o-Dichlorobenzene	ND	5.5	1.1	ug/kg	
106-46-7	p-Dichlorobenzene	ND	5.5	1.1	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	5.5	1.3	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.5	1.1	ug/kg	
100-41-4	Ethylbenzene	ND	5.5	1.1	ug/kg	
97-63-2	Ethyl methacrylate	ND	27	5.5	ug/kg	
76-13-1	Freon 113	ND	5.5	2.8	ug/kg	
591-78-6	2-Hexanone	8.7	27	5.5	ug/kg	JB
87-68-3	Hexachlorobutadiene	ND	5.5	1.3	ug/kg	
110-54-3	Hexane	ND	5.5	2.6	ug/kg	
98-82-8	Isopropylbenzene	ND	5.5	1.2	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.5	1.2	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	27	7.0	ug/kg	
126-98-7	Methacrylonitrile	ND	27	6.0	ug/kg	
74-83-9	Methyl bromide	ND	5.5	2.4	ug/kg	
74-87-3	Methyl chloride	ND	5.5	2.6	ug/kg	
74-88-4	Methyl iodide	ND	11	2.2	ug/kg	
80-62-6	Methyl methacrylate	ND	27	5.5	ug/kg	
74-95-3	Methylene bromide	ND	5.5	1.6	ug/kg	
75-09-2	Methylene chloride [a]	76.4	11	5.5	ug/kg	B
78-93-3	Methyl ethyl ketone	ND	27	9.1	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.5	1.6	ug/kg	
91-20-3	Naphthalene	ND	5.5	2.2	ug/kg	
76-01-7	Pentachloroethane	ND	27	5.5	ug/kg	
107-12-0	Propionitrile	ND	55	13	ug/kg	
103-65-1	n-Propylbenzene	ND	5.5	1.3	ug/kg	
100-42-5	Styrene	ND	5.5	1.1	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.5	1.1	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.5	1.2	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.5	2.0	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.5	1.1	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.5	2.2	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.5	2.1	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.5	2.2	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB25-5		
Lab Sample ID:	F67545-1	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/26/09
Method:	SW846 8260B SW846 5035	**Percent Solids:**	80.2
Project:	Holloman AFB; WPOL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	5.5	1.1	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.5	1.1	ug/kg	
127-18-4	Tetrachloroethylene	ND	5.5	1.3	ug/kg	
108-88-3	Toluene	ND	5.5	1.1	ug/kg	
79-01-6	Trichloroethylene	ND	5.5	1.3	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.5	2.2	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	27	5.5	ug/kg	
75-01-4	Vinyl chloride	ND	5.5	2.2	ug/kg	
108-05-4	Vinyl Acetate	ND	27	13	ug/kg	
	m,p-Xylene	ND	11	2.1	ug/kg	
95-47-6	o-Xylene	ND	5.5	1.1	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		80-121%
2037-26-5	Toluene-D8	95%		71-130%
460-00-4	4-Bromofluorobenzene	104%		59-148%
17060-07-0	1,2-Dichloroethane-D4	102%		77-123%

(a) Suspected laboratory contaminant.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB25-5		
Lab Sample ID:	F67545-1	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/26/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	80.2
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	U013945.D	1	09/02/09	NAF	08/31/09	OP30114	SU673
Run #2							

	Initial Weight	Final Volume
Run #1	30.5 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1000	410	ug/kg	
95-57-8	2-Chlorophenol	ND	200	41	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	200	41	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	200	41	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	200	41	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1000	410	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	410	130	ug/kg	
95-48-7	2-Methylphenol	ND	200	41	ug/kg	
	3&4-Methylphenol	ND	200	41	ug/kg	
88-75-5	2-Nitrophenol	ND	200	41	ug/kg	
100-02-7	4-Nitrophenol	ND	1000	410	ug/kg	
87-86-5	Pentachlorophenol	ND	1000	410	ug/kg	
108-95-2	Phenol	ND	200	41	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	200	41	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	200	41	ug/kg	
83-32-9	Acenaphthene	ND	200	41	ug/kg	
208-96-8	Acenaphthylene	ND	200	41	ug/kg	
120-12-7	Anthracene	ND	200	41	ug/kg	
92-87-5	Benzidine	ND	2000	1000	ug/kg	
56-55-3	Benzo(a)anthracene	ND	200	41	ug/kg	
50-32-8	Benzo(a)pyrene	ND	200	41	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	200	41	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	200	41	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	200	41	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	200	41	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	410	82	ug/kg	
100-51-6	Benzyl Alcohol	ND	200	41	ug/kg	
91-58-7	2-Chloronaphthalene	ND	200	41	ug/kg	
106-47-8	4-Chloroaniline	ND	200	82	ug/kg	
218-01-9	Chrysene	ND	200	41	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	200	41	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	200	41	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB25-5		
Lab Sample ID:	F67545-1	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/26/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	80.2
Project:	Holloman AFB; WPOL		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	200	41	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	200	41	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	200	53	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	200	53	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	200	49	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	200	41	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	200	41	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	410	82	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	200	41	ug/kg	
132-64-9	Dibenzofuran	ND	200	41	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	410	82	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	410	82	ug/kg	
84-66-2	Diethyl phthalate	ND	410	200	ug/kg	
131-11-3	Dimethyl phthalate	ND	410	82	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	410	200	ug/kg	
206-44-0	Fluoranthene	ND	200	41	ug/kg	
86-73-7	Fluorene	ND	200	41	ug/kg	
118-74-1	Hexachlorobenzene	ND	200	41	ug/kg	
87-68-3	Hexachlorobutadiene	ND	200	41	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	200	41	ug/kg	
67-72-1	Hexachloroethane	ND	200	49	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	200	41	ug/kg	
78-59-1	Isophorone	ND	200	41	ug/kg	
91-57-6	2-Methylnaphthalene	ND	200	41	ug/kg	
88-74-4	2-Nitroaniline	ND	410	82	ug/kg	
99-09-2	3-Nitroaniline	ND	410	82	ug/kg	
100-01-6	4-Nitroaniline	ND	410	82	ug/kg	
91-20-3	Naphthalene	ND	200	41	ug/kg	
98-95-3	Nitrobenzene	ND	200	41	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	200	41	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	200	82	ug/kg	
85-01-8	Phenanthrene	ND	200	41	ug/kg	
129-00-0	Pyrene	ND	200	41	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	200	41	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	74%		40-102%
4165-62-2	Phenol-d5	77%		41-100%
118-79-6	2,4,6-Tribromophenol	76%		42-108%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB25-5		
Lab Sample ID:	F67545-1	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/26/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	80.2
Project:	Holloman AFB; WPOL		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	74%		40-105%
321-60-8	2-Fluorobiphenyl	71%		43-107%
1718-51-0	Terphenyl-d14	74%		45-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB25-5		
Lab Sample ID:	F67545-1	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/26/09
Method:	SW846 8015 SW846 5035	**Percent Solids:**	80.2
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV035635.D	1	09/03/09	AH	08/26/09 10:59	n/a	GUV2055
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	4.56 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	8.1	4.0	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	99%		56-136%
98-08-8	aaa-Trifluorotoluene	107%		61-121%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB25-5		
Lab Sample ID:	F67545-1	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/26/09
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	80.2
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LL27488.D	1	09/05/09	SL	09/02/09	OP30138	GLL1044
Run #2							

	Initial Weight	Final Volume
Run #1	29.9 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	10	6.3	mg/kg	
	TPH (> C22-C36)	ND	10	6.3	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	80%		49-108%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB25-10		
Lab Sample ID:	F67545-2	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/26/09
Method:	SW846 8260B SW846 5035	**Percent Solids:**	85.8
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G0059877.D	1	08/26/09	MM	08/26/09 10:59	n/a	VG2256
Run #2							

	Initial Weight
Run #1	5.56 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	52	26	ug/kg	
75-05-8	Acetonitrile	ND	52	17	ug/kg	
107-02-8	Acrolein	ND	26	10	ug/kg	
107-13-1	Acrylonitrile	ND	26	7.2	ug/kg	
107-05-1	Allyl chloride	ND	26	5.2	ug/kg	
71-43-2	Benzene	ND	5.2	1.0	ug/kg	
100-44-7	Benzyl Chloride	ND	5.2	1.2	ug/kg	
108-86-1	Bromobenzene	ND	5.2	1.0	ug/kg	
74-97-5	Bromochloromethane	ND	5.2	1.8	ug/kg	
75-27-4	Bromodichloromethane	ND	5.2	1.3	ug/kg	
75-25-2	Bromoform	ND	5.2	1.6	ug/kg	
104-51-8	n-Butylbenzene	ND	5.2	1.5	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.2	1.2	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.2	1.2	ug/kg	
108-90-7	Chlorobenzene	ND	5.2	1.0	ug/kg	
75-00-3	Chloroethane	ND	5.2	2.1	ug/kg	
67-66-3	Chloroform	ND	5.2	1.8	ug/kg	
544-10-5	1-Chlorohexane	ND	5.2	1.4	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.2	1.0	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.2	1.0	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	26	10	ug/kg	
75-15-0	Carbon disulfide	ND	5.2	1.2	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.2	1.5	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.2	2.1	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	5.2	1.4	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.2	1.5	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.2	2.5	ug/kg	
106-93-4	1,2-Dibromoethane	ND	5.2	1.0	ug/kg	
107-06-2	1,2-Dichloroethane	ND	5.2	1.2	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.2	1.5	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.2	1.0	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.2	2.2	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB25-10		
Lab Sample ID:	F67545-2	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/26/09
Method:	SW846 8260B SW846 5035	**Percent Solids:**	85.8
Project:	Holloman AFB; WPOL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	5.2	1.0	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.2	2.1	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	5.2	1.7	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.2	1.4	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	26	5.2	ug/kg	
541-73-1	m-Dichlorobenzene	ND	5.2	1.0	ug/kg	
95-50-1	o-Dichlorobenzene	ND	5.2	1.0	ug/kg	
106-46-7	p-Dichlorobenzene	ND	5.2	1.0	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	5.2	1.3	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.2	1.0	ug/kg	
100-41-4	Ethylbenzene	ND	5.2	1.0	ug/kg	
97-63-2	Ethyl methacrylate	ND	26	5.2	ug/kg	
76-13-1	Freon 113	ND	5.2	2.7	ug/kg	
591-78-6	2-Hexanone	ND	26	5.2	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.2	1.3	ug/kg	
110-54-3	Hexane [a]	5.9	5.2	2.5	ug/kg	
98-82-8	Isopropylbenzene	ND	5.2	1.2	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.2	1.2	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	26	6.7	ug/kg	
126-98-7	Methacrylonitrile	ND	26	5.8	ug/kg	
74-83-9	Methyl bromide	ND	5.2	2.3	ug/kg	
74-87-3	Methyl chloride	ND	5.2	2.5	ug/kg	
74-88-4	Methyl iodide	ND	10	2.1	ug/kg	
80-62-6	Methyl methacrylate	ND	26	5.2	ug/kg	
74-95-3	Methylene bromide	ND	5.2	1.6	ug/kg	
75-09-2	Methylene chloride [b]	38.0	10	5.2	ug/kg	B
78-93-3	Methyl ethyl ketone	ND	26	8.7	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.2	1.6	ug/kg	
91-20-3	Naphthalene	ND	5.2	2.1	ug/kg	
76-01-7	Pentachloroethane	ND	26	5.2	ug/kg	
107-12-0	Propionitrile	ND	52	13	ug/kg	
103-65-1	n-Propylbenzene	ND	5.2	1.3	ug/kg	
100-42-5	Styrene	ND	5.2	1.0	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.2	1.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.2	1.2	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.2	1.9	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.2	1.0	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.2	2.1	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.2	2.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.2	2.1	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB25-10		
Lab Sample ID:	F67545-2	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/26/09
Method:	SW846 8260B SW846 5035	**Percent Solids:**	85.8
Project:	Holloman AFB; WPOL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	5.2	1.0	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.2	1.0	ug/kg	
127-18-4	Tetrachloroethylene	ND	5.2	1.3	ug/kg	
108-88-3	Toluene	ND	5.2	1.0	ug/kg	
79-01-6	Trichloroethylene	ND	5.2	1.3	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.2	2.1	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	26	5.2	ug/kg	
75-01-4	Vinyl chloride	ND	5.2	2.1	ug/kg	
108-05-4	Vinyl Acetate	ND	26	13	ug/kg	
	m,p-Xylene	ND	10	2.0	ug/kg	
95-47-6	o-Xylene	ND	5.2	1.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		80-121%
2037-26-5	Toluene-D8	95%		71-130%
460-00-4	4-Bromofluorobenzene	103%		59-148%
17060-07-0	1,2-Dichloroethane-D4	105%		77-123%

(a) ICV and BS outside of control limits.
(b) Suspected laboratory contaminant.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB25-10		
Lab Sample ID:	F67545-2	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/26/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	85.8
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	U013946.D	1	09/02/09	NAF	08/31/09	OP30114	SU673
Run #2							

	Initial Weight	Final Volume
Run #1	30.5 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	960	380	ug/kg	
95-57-8	2-Chlorophenol	ND	190	38	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	190	38	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	190	38	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	190	38	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	960	380	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	380	120	ug/kg	
95-48-7	2-Methylphenol	ND	190	38	ug/kg	
	3&4-Methylphenol	ND	190	38	ug/kg	
88-75-5	2-Nitrophenol	ND	190	38	ug/kg	
100-02-7	4-Nitrophenol	ND	960	380	ug/kg	
87-86-5	Pentachlorophenol	ND	960	380	ug/kg	
108-95-2	Phenol	ND	190	38	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	190	38	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	190	38	ug/kg	
83-32-9	Acenaphthene	ND	190	38	ug/kg	
208-96-8	Acenaphthylene	ND	190	38	ug/kg	
120-12-7	Anthracene	ND	190	38	ug/kg	
92-87-5	Benzidine	ND	1900	960	ug/kg	
56-55-3	Benzo(a)anthracene	ND	190	38	ug/kg	
50-32-8	Benzo(a)pyrene	ND	190	38	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	190	38	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	190	38	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	190	38	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	190	38	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	380	76	ug/kg	
100-51-6	Benzyl Alcohol	ND	190	38	ug/kg	
91-58-7	2-Chloronaphthalene	ND	190	38	ug/kg	
106-47-8	4-Chloroaniline	ND	190	76	ug/kg	
218-01-9	Chrysene	ND	190	38	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	190	38	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	190	38	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB25-10		
Lab Sample ID:	F67545-2	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/26/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	85.8
Project:	Holloman AFB; WPOL		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	190	38	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	190	38	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	190	50	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	190	50	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	190	46	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	190	38	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	190	38	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	380	76	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	190	38	ug/kg	
132-64-9	Dibenzofuran	ND	190	38	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	380	76	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	380	76	ug/kg	
84-66-2	Diethyl phthalate	ND	380	190	ug/kg	
131-11-3	Dimethyl phthalate	ND	380	76	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	380	190	ug/kg	
206-44-0	Fluoranthene	ND	190	38	ug/kg	
86-73-7	Fluorene	ND	190	38	ug/kg	
118-74-1	Hexachlorobenzene	ND	190	38	ug/kg	
87-68-3	Hexachlorobutadiene	ND	190	38	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	190	38	ug/kg	
67-72-1	Hexachloroethane	ND	190	46	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	190	38	ug/kg	
78-59-1	Isophorone	ND	190	38	ug/kg	
91-57-6	2-Methylnaphthalene	ND	190	38	ug/kg	
88-74-4	2-Nitroaniline	ND	380	76	ug/kg	
99-09-2	3-Nitroaniline	ND	380	76	ug/kg	
100-01-6	4-Nitroaniline	ND	380	76	ug/kg	
91-20-3	Naphthalene	ND	190	38	ug/kg	
98-95-3	Nitrobenzene	ND	190	38	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	190	38	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	190	76	ug/kg	
85-01-8	Phenanthrene	ND	190	38	ug/kg	
129-00-0	Pyrene	ND	190	38	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	190	38	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	74%		40-102%
4165-62-2	Phenol-d5	78%		41-100%
118-79-6	2,4,6-Tribromophenol	74%		42-108%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB25-10		
Lab Sample ID:	F67545-2	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/26/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	85.8
Project:	Holloman AFB; WPOL		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	72%		40-105%
321-60-8	2-Fluorobiphenyl	69%		43-107%
1718-51-0	Terphenyl-d14	71%		45-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB25-10		
Lab Sample ID:	F67545-2	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/26/09
Method:	SW846 8015 SW846 5035	**Percent Solids:**	85.8
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV035637.D	1	09/03/09	AH	08/26/09 10:59	n/a	GUV2055
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.47 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	6.2	3.1	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	90%		56-136%
98-08-8	aaa-Trifluorotoluene	105%		61-121%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB25-10		
Lab Sample ID:	F67545-2	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/26/09
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	85.8
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LL27489.D	1	09/05/09	SL	09/02/09	OP30138	GLL1044
Run #2							

	Initial Weight	Final Volume
Run #1	29.8 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	9.8	5.9	mg/kg	
	TPH (> C22-C36)	ND	9.8	5.9	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	76%		49-108%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB27-6		
Lab Sample ID:	F67545-3	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/26/09
Method:	SW846 8260B SW846 5035	**Percent Solids:**	83.1
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G0059878.D	1	08/26/09	MM	08/26/09 10:59	n/a	VG2256
Run #2							

	Initial Weight
Run #1	5.91 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	51	25	ug/kg	
75-05-8	Acetonitrile	ND	51	16	ug/kg	
107-02-8	Acrolein	ND	25	10	ug/kg	
107-13-1	Acrylonitrile	ND	25	7.0	ug/kg	
107-05-1	Allyl chloride	ND	25	5.1	ug/kg	
71-43-2	Benzene	ND	5.1	1.0	ug/kg	
100-44-7	Benzyl Chloride	ND	5.1	1.1	ug/kg	
108-86-1	Bromobenzene	ND	5.1	1.0	ug/kg	
74-97-5	Bromochloromethane	ND	5.1	1.7	ug/kg	
75-27-4	Bromodichloromethane	ND	5.1	1.2	ug/kg	
75-25-2	Bromoform	ND	5.1	1.5	ug/kg	
104-51-8	n-Butylbenzene	ND	5.1	1.4	ug/kg	
135-98-8	sec-Butylbenzene	44.2	5.1	1.1	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.1	1.1	ug/kg	
108-90-7	Chlorobenzene	ND	5.1	1.0	ug/kg	
75-00-3	Chloroethane	ND	5.1	2.0	ug/kg	
67-66-3	Chloroform	ND	5.1	1.7	ug/kg	
544-10-5	1-Chlorohexane	ND	5.1	1.3	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.1	1.0	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.1	1.0	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	25	10	ug/kg	
75-15-0	Carbon disulfide [a]	4.0	5.1	1.1	ug/kg	J
56-23-5	Carbon tetrachloride	ND	5.1	1.4	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.1	2.0	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	5.1	1.3	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.1	1.4	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.1	2.4	ug/kg	
106-93-4	1,2-Dibromoethane	ND	5.1	1.0	ug/kg	
107-06-2	1,2-Dichloroethane	ND	5.1	1.1	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.1	1.4	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.1	1.0	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.1	2.1	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB27-6		
Lab Sample ID:	F67545-3	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/26/09
Method:	SW846 8260B SW846 5035	**Percent Solids:**	83.1
Project:	Holloman AFB; WPOL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	5.1	1.0	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.1	2.0	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	5.1	1.6	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.1	1.3	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	25	5.1	ug/kg	
541-73-1	m-Dichlorobenzene	ND	5.1	1.0	ug/kg	
95-50-1	o-Dichlorobenzene	ND	5.1	1.0	ug/kg	
106-46-7	p-Dichlorobenzene	ND	5.1	1.0	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	5.1	1.2	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.1	1.0	ug/kg	
100-41-4	Ethylbenzene	ND	5.1	1.0	ug/kg	
97-63-2	Ethyl methacrylate	ND	25	5.1	ug/kg	
76-13-1	Freon 113	ND	5.1	2.6	ug/kg	
591-78-6	2-Hexanone	ND	25	5.1	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.1	1.2	ug/kg	
110-54-3	Hexane [a]	8.7	5.1	2.4	ug/kg	
98-82-8	Isopropylbenzene	1.3	5.1	1.1	ug/kg	J
99-87-6	p-Isopropyltoluene	ND	5.1	1.1	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	25	6.5	ug/kg	
126-98-7	Methacrylonitrile	ND	25	5.6	ug/kg	
74-83-9	Methyl bromide	ND	5.1	2.2	ug/kg	
74-87-3	Methyl chloride	ND	5.1	2.4	ug/kg	
74-88-4	Methyl iodide	ND	10	2.0	ug/kg	
80-62-6	Methyl methacrylate	ND	25	5.1	ug/kg	
74-95-3	Methylene bromide	ND	5.1	1.5	ug/kg	
75-09-2	Methylene chloride [b]	26.6	10	5.1	ug/kg	B
78-93-3	Methyl ethyl ketone	ND	25	8.5	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.1	1.5	ug/kg	
91-20-3	Naphthalene	ND	5.1	2.0	ug/kg	
76-01-7	Pentachloroethane	ND	25	5.1	ug/kg	
107-12-0	Propionitrile	ND	51	12	ug/kg	
103-65-1	n-Propylbenzene	ND	5.1	1.2	ug/kg	
100-42-5	Styrene	ND	5.1	1.0	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.1	1.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.1	1.1	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.1	1.8	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.1	1.0	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.1	2.0	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.1	1.9	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.1	2.0	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB27-6		
Lab Sample ID:	F67545-3	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/26/09
Method:	SW846 8260B SW846 5035	**Percent Solids:**	83.1
Project:	Holloman AFB; WPOL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	5.1	1.0	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.1	1.0	ug/kg	
127-18-4	Tetrachloroethylene	ND	5.1	1.2	ug/kg	
108-88-3	Toluene	ND	5.1	1.0	ug/kg	
79-01-6	Trichloroethylene	ND	5.1	1.2	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.1	2.0	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	25	5.1	ug/kg	
75-01-4	Vinyl chloride	ND	5.1	2.0	ug/kg	
108-05-4	Vinyl Acetate	ND	25	12	ug/kg	
	m,p-Xylene	ND	10	1.9	ug/kg	
95-47-6	o-Xylene	ND	5.1	1.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		80-121%
2037-26-5	Toluene-D8	92%		71-130%
460-00-4	4-Bromofluorobenzene	75%		59-148%
17060-07-0	1,2-Dichloroethane-D4	108%		77-123%

(a) ICV and BS outside of control limits.
(b) Suspected laboratory contaminant.

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RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB27-6		
Lab Sample ID:	F67545-3	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/26/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	83.1
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	U013947.D	1	09/02/09	NAF	08/31/09	OP30114	SU673
Run #2							

	Initial Weight	Final Volume
Run #1	30.6 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	980	390	ug/kg	
95-57-8	2-Chlorophenol	ND	200	39	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	200	39	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	200	39	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	200	39	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	980	390	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	390	130	ug/kg	
95-48-7	2-Methylphenol	ND	200	39	ug/kg	
	3&4-Methylphenol	ND	200	39	ug/kg	
88-75-5	2-Nitrophenol	ND	200	39	ug/kg	
100-02-7	4-Nitrophenol	ND	980	390	ug/kg	
87-86-5	Pentachlorophenol	ND	980	390	ug/kg	
108-95-2	Phenol	ND	200	39	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	200	39	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	200	39	ug/kg	
83-32-9	Acenaphthene	ND	200	39	ug/kg	
208-96-8	Acenaphthylene	ND	200	39	ug/kg	
120-12-7	Anthracene	ND	200	39	ug/kg	
92-87-5	Benzidine	ND	2000	980	ug/kg	
56-55-3	Benzo(a)anthracene	ND	200	39	ug/kg	
50-32-8	Benzo(a)pyrene	ND	200	39	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	200	39	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	200	39	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	200	39	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	200	39	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	390	79	ug/kg	
100-51-6	Benzyl Alcohol	ND	200	39	ug/kg	
91-58-7	2-Chloronaphthalene	ND	200	39	ug/kg	
106-47-8	4-Chloroaniline	ND	200	79	ug/kg	
218-01-9	Chrysene	ND	200	39	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	200	39	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	200	39	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB27-6		
Lab Sample ID:	F67545-3	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/26/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	83.1
Project:	Holloman AFB; WPOL		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	200	39	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	200	39	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	200	51	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	200	51	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	200	47	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	200	39	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	200	39	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	390	79	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	200	39	ug/kg	
132-64-9	Dibenzofuran	ND	200	39	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	390	79	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	390	79	ug/kg	
84-66-2	Diethyl phthalate	ND	390	200	ug/kg	
131-11-3	Dimethyl phthalate	ND	390	79	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	390	200	ug/kg	
206-44-0	Fluoranthene	ND	200	39	ug/kg	
86-73-7	Fluorene	ND	200	39	ug/kg	
118-74-1	Hexachlorobenzene	ND	200	39	ug/kg	
87-68-3	Hexachlorobutadiene	ND	200	39	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	200	39	ug/kg	
67-72-1	Hexachloroethane	ND	200	47	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	200	39	ug/kg	
78-59-1	Isophorone	ND	200	39	ug/kg	
91-57-6	2-Methylnaphthalene	ND	200	39	ug/kg	
88-74-4	2-Nitroaniline	ND	390	79	ug/kg	
99-09-2	3-Nitroaniline	ND	390	79	ug/kg	
100-01-6	4-Nitroaniline	ND	390	79	ug/kg	
91-20-3	Naphthalene	ND	200	39	ug/kg	
98-95-3	Nitrobenzene	ND	200	39	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	200	39	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	200	79	ug/kg	
85-01-8	Phenanthrene	ND	200	39	ug/kg	
129-00-0	Pyrene	ND	200	39	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	200	39	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	75%		40-102%
4165-62-2	Phenol-d5	79%		41-100%
118-79-6	2,4,6-Tribromophenol	72%		42-108%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB27-6		
Lab Sample ID:	F67545-3	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/26/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	83.1
Project:	Holloman AFB; WPOL		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	72%		40-105%
321-60-8	2-Fluorobiphenyl	68%		43-107%
1718-51-0	Terphenyl-d14	70%		45-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB27-6		
Lab Sample ID:	F67545-3	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/26/09
Method:	SW846 8015 SW846 5035	**Percent Solids:**	83.1
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV035656.D	1	09/04/09	AH	08/26/09 10:59	n/a	GUV2056
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.72 g	5.0 ml	50.0 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	67.7	13	6.3	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	568% [a]		56-136%
98-08-8	aaa-Trifluorotoluene	112%		61-121%

(a) Outside control limits due to matrix interference.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB27-6		
Lab Sample ID:	F67545-3	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/26/09
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	83.1
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LL27490.D	1	09/05/09	SL	09/02/09	OP30138	GLL1044
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	71.1	10	6.0	mg/kg	
	TPH (> C22-C36)	ND	10	6.0	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	82%		49-108%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB27-9		
Lab Sample ID:	F67545-4	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/26/09
Method:	SW846 8260B SW846 5035	**Percent Solids:**	80.3
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G0059913.D	1	08/27/09	MM	08/26/09 10:59	n/a	VG2257
Run #2							

	Initial Weight
Run #1	5.56 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	56	28	ug/kg	
75-05-8	Acetonitrile	ND	56	18	ug/kg	
107-02-8	Acrolein	ND	28	11	ug/kg	
107-13-1	Acrylonitrile	ND	28	7.7	ug/kg	
107-05-1	Allyl chloride	ND	28	5.6	ug/kg	
71-43-2	Benzene	ND	5.6	1.1	ug/kg	
100-44-7	Benzyl Chloride	ND	5.6	1.2	ug/kg	
108-86-1	Bromobenzene	ND	5.6	1.1	ug/kg	
74-97-5	Bromochloromethane	ND	5.6	1.9	ug/kg	
75-27-4	Bromodichloromethane	ND	5.6	1.3	ug/kg	
75-25-2	Bromoform	ND	5.6	1.7	ug/kg	
104-51-8	n-Butylbenzene	ND	5.6	1.6	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.6	1.2	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.6	1.2	ug/kg	
108-90-7	Chlorobenzene	ND	5.6	1.1	ug/kg	
75-00-3	Chloroethane	ND	5.6	2.2	ug/kg	
67-66-3	Chloroform	ND	5.6	1.9	ug/kg	
544-10-5	1-Chlorohexane	ND	5.6	1.5	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.6	1.1	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.6	1.1	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	28	11	ug/kg	
75-15-0	Carbon disulfide [a]	4.1	5.6	1.2	ug/kg	J
56-23-5	Carbon tetrachloride	ND	5.6	1.6	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.6	2.2	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	5.6	1.5	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.6	1.6	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.6	2.7	ug/kg	
106-93-4	1,2-Dibromoethane	ND	5.6	1.1	ug/kg	
107-06-2	1,2-Dichloroethane	ND	5.6	1.2	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.6	1.6	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.6	1.1	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.6	2.4	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB27-9		
Lab Sample ID:	F67545-4	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/26/09
Method:	SW846 8260B SW846 5035	**Percent Solids:**	80.3
Project:	Holloman AFB; WPOL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	5.6	1.1	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.6	2.2	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	5.6	1.8	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.6	1.5	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	28	5.6	ug/kg	
541-73-1	m-Dichlorobenzene	ND	5.6	1.1	ug/kg	
95-50-1	o-Dichlorobenzene	ND	5.6	1.1	ug/kg	
106-46-7	p-Dichlorobenzene	ND	5.6	1.1	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	5.6	1.3	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.6	1.1	ug/kg	
100-41-4	Ethylbenzene	ND	5.6	1.1	ug/kg	
97-63-2	Ethyl methacrylate	ND	28	5.6	ug/kg	
76-13-1	Freon 113	ND	5.6	2.9	ug/kg	
591-78-6	2-Hexanone	ND	28	5.6	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.6	1.3	ug/kg	
110-54-3	Hexane [a]	5.2	5.6	2.7	ug/kg	J
98-82-8	Isopropylbenzene	ND	5.6	1.2	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.6	1.2	ug/kg	
108-10-1	4-Methyl-2-pentanone	14.6	28	7.2	ug/kg	J
126-98-7	Methacrylonitrile	ND	28	6.2	ug/kg	
74-83-9	Methyl bromide	ND	5.6	2.5	ug/kg	
74-87-3	Methyl chloride	ND	5.6	2.7	ug/kg	
74-88-4	Methyl iodide	ND	11	2.2	ug/kg	
80-62-6	Methyl methacrylate	ND	28	5.6	ug/kg	
74-95-3	Methylene bromide	ND	5.6	1.7	ug/kg	
75-09-2	Methylene chloride [b]	25.8	11	5.6	ug/kg	B
78-93-3	Methyl ethyl ketone	ND	28	9.3	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.6	1.7	ug/kg	
91-20-3	Naphthalene	ND	5.6	2.2	ug/kg	
76-01-7	Pentachloroethane	ND	28	5.6	ug/kg	
107-12-0	Propionitrile	ND	56	13	ug/kg	
103-65-1	n-Propylbenzene	ND	5.6	1.3	ug/kg	
100-42-5	Styrene	ND	5.6	1.1	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.6	1.1	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.6	1.2	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.6	2.0	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.6	1.1	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.6	2.2	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.6	2.1	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.6	2.2	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB27-9		
Lab Sample ID:	F67545-4	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/26/09
Method:	SW846 8260B SW846 5035	**Percent Solids:**	80.3
Project:	Holloman AFB; WPOL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	5.6	1.1	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.6	1.1	ug/kg	
127-18-4	Tetrachloroethylene	ND	5.6	1.3	ug/kg	
108-88-3	Toluene	ND	5.6	1.1	ug/kg	
79-01-6	Trichloroethylene	ND	5.6	1.3	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.6	2.2	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	28	5.6	ug/kg	
75-01-4	Vinyl chloride	ND	5.6	2.2	ug/kg	
108-05-4	Vinyl Acetate	ND	28	13	ug/kg	
	m,p-Xylene	ND	11	2.1	ug/kg	
95-47-6	o-Xylene	ND	5.6	1.1	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		80-121%
2037-26-5	Toluene-D8	93%		71-130%
460-00-4	4-Bromofluorobenzene	100%		59-148%
17060-07-0	1,2-Dichloroethane-D4	100%		77-123%

(a) ICV and BS outside of control limits.
(b) Suspected laboratory contaminant.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB27-9		
Lab Sample ID:	F67545-4	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/26/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	80.3
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	U013948.D	1	09/02/09	NAF	08/31/09	OP30114	SU673
Run #2							

	Initial Weight	Final Volume
Run #1	30.6 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1000	410	ug/kg	
95-57-8	2-Chlorophenol	ND	200	41	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	200	41	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	200	41	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	200	41	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1000	410	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	410	130	ug/kg	
95-48-7	2-Methylphenol	ND	200	41	ug/kg	
	3&4-Methylphenol	ND	200	41	ug/kg	
88-75-5	2-Nitrophenol	ND	200	41	ug/kg	
100-02-7	4-Nitrophenol	ND	1000	410	ug/kg	
87-86-5	Pentachlorophenol	ND	1000	410	ug/kg	
108-95-2	Phenol	ND	200	41	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	200	41	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	200	41	ug/kg	
83-32-9	Acenaphthene	ND	200	41	ug/kg	
208-96-8	Acenaphthylene	ND	200	41	ug/kg	
120-12-7	Anthracene	ND	200	41	ug/kg	
92-87-5	Benzidine	ND	2000	1000	ug/kg	
56-55-3	Benzo(a)anthracene	ND	200	41	ug/kg	
50-32-8	Benzo(a)pyrene	ND	200	41	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	200	41	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	200	41	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	200	41	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	200	41	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	410	81	ug/kg	
100-51-6	Benzyl Alcohol	ND	200	41	ug/kg	
91-58-7	2-Chloronaphthalene	ND	200	41	ug/kg	
106-47-8	4-Chloroaniline	ND	200	81	ug/kg	
218-01-9	Chrysene	ND	200	41	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	200	41	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	200	41	ug/kg	

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RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB27-9		
Lab Sample ID:	F67545-4	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/26/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	80.3
Project:	Holloman AFB; WPOL		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	200	41	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	200	41	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	200	53	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	200	53	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	200	49	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	200	41	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	200	41	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	410	81	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	200	41	ug/kg	
132-64-9	Dibenzofuran	ND	200	41	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	410	81	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	410	81	ug/kg	
84-66-2	Diethyl phthalate	ND	410	200	ug/kg	
131-11-3	Dimethyl phthalate	ND	410	81	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	410	200	ug/kg	
206-44-0	Fluoranthene	ND	200	41	ug/kg	
86-73-7	Fluorene	ND	200	41	ug/kg	
118-74-1	Hexachlorobenzene	ND	200	41	ug/kg	
87-68-3	Hexachlorobutadiene	ND	200	41	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	200	41	ug/kg	
67-72-1	Hexachloroethane	ND	200	49	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	200	41	ug/kg	
78-59-1	Isophorone	ND	200	41	ug/kg	
91-57-6	2-Methylnaphthalene	ND	200	41	ug/kg	
88-74-4	2-Nitroaniline	ND	410	81	ug/kg	
99-09-2	3-Nitroaniline	ND	410	81	ug/kg	
100-01-6	4-Nitroaniline	ND	410	81	ug/kg	
91-20-3	Naphthalene	ND	200	41	ug/kg	
98-95-3	Nitrobenzene	ND	200	41	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	200	41	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	200	81	ug/kg	
85-01-8	Phenanthrene	ND	200	41	ug/kg	
129-00-0	Pyrene	ND	200	41	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	200	41	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	77%		40-102%
4165-62-2	Phenol-d5	80%		41-100%
118-79-6	2,4,6-Tribromophenol	76%		42-108%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB27-9		
Lab Sample ID:	F67545-4	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/26/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	80.3
Project:	Holloman AFB; WPOL		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	75%		40-105%
321-60-8	2-Fluorobiphenyl	71%		43-107%
1718-51-0	Terphenyl-d14	71%		45-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB27-9		
Lab Sample ID:	F67545-4	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/26/09
Method:	SW846 8015 SW846 5035	**Percent Solids:**	80.3
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV035639.D	1	09/03/09	AH	08/26/09 10:59	n/a	GUV2055
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.85 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	6.5	3.3	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	115%		56-136%
98-08-8	aaa-Trifluorotoluene	103%		61-121%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB27-9		
Lab Sample ID:	F67545-4	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/26/09
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	80.3
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LL27491.D	1	09/05/09	SL	09/02/09	OP30138	GLL1044
Run #2							

	Initial Weight	Final Volume
Run #1	30.4 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	10	6.1	mg/kg	
	TPH (> C22-C36)	ND	10	6.1	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	79%		49-108%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB28-3		
Lab Sample ID:	F67545-5	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/26/09
Method:	SW846 8260B SW846 5035	**Percent Solids:**	86.8
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0059900.D	1	08/27/09	MM	08/26/09 10:59	n/a	VG2257
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	4.35 g	5.0 ml	100 ul
Run #2			

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	3700	1800	ug/kg	
75-05-8	Acetonitrile	ND	3700	1200	ug/kg	
107-02-8	Acrolein	ND	1800	720	ug/kg	
107-13-1	Acrylonitrile	ND	1800	510	ug/kg	
107-05-1	Allyl chloride	ND	1800	370	ug/kg	
71-43-2	Benzene	ND	370	74	ug/kg	
100-44-7	Benzyl Chloride	ND	370	81	ug/kg	
108-86-1	Bromobenzene	ND	370	74	ug/kg	
74-97-5	Bromochloromethane	ND	370	130	ug/kg	
75-27-4	Bromodichloromethane	ND	370	89	ug/kg	
75-25-2	Bromoform	ND	370	110	ug/kg	
104-51-8	n-Butylbenzene	1750	370	100	ug/kg	
135-98-8	sec-Butylbenzene	2040	370	81	ug/kg	
98-06-6	tert-Butylbenzene	ND	370	81	ug/kg	
108-90-7	Chlorobenzene	ND	370	74	ug/kg	
75-00-3	Chloroethane	ND	370	150	ug/kg	
67-66-3	Chloroform	ND	370	130	ug/kg	
544-10-5	1-Chlorohexane	ND	370	96	ug/kg	
95-49-8	o-Chlorotoluene	ND	370	74	ug/kg	
106-43-4	p-Chlorotoluene	ND	370	74	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	1800	740	ug/kg	
75-15-0	Carbon disulfide	ND	370	81	ug/kg	
56-23-5	Carbon tetrachloride	ND	370	100	ug/kg	
75-34-3	1,1-Dichloroethane	ND	370	150	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	370	96	ug/kg	
563-58-6	1,1-Dichloropropene	ND	370	100	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	370	180	ug/kg	
106-93-4	1,2-Dibromoethane	ND	370	74	ug/kg	
107-06-2	1,2-Dichloroethane	ND	370	81	ug/kg	
78-87-5	1,2-Dichloropropane	ND	370	100	ug/kg	
142-28-9	1,3-Dichloropropane	ND	370	74	ug/kg	
594-20-7	2,2-Dichloropropane	ND	370	160	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB28-3		
Lab Sample ID:	F67545-5	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/26/09
Method:	SW846 8260B SW846 5035	**Percent Solids:**	86.8
Project:	Holloman AFB; WPOL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	370	74	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	370	150	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	370	120	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	370	96	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	1800	370	ug/kg	
541-73-1	m-Dichlorobenzene	ND	370	74	ug/kg	
95-50-1	o-Dichlorobenzene	ND	370	74	ug/kg	
106-46-7	p-Dichlorobenzene	ND	370	74	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	370	89	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	370	74	ug/kg	
100-41-4	Ethylbenzene	ND	370	74	ug/kg	
97-63-2	Ethyl methacrylate	ND	1800	370	ug/kg	
76-13-1	Freon 113	ND	370	190	ug/kg	
591-78-6	2-Hexanone	ND	1800	370	ug/kg	
87-68-3	Hexachlorobutadiene	ND	370	89	ug/kg	
110-54-3	Hexane	ND	370	180	ug/kg	
98-82-8	Isopropylbenzene	543	370	81	ug/kg	
99-87-6	p-Isopropyltoluene	ND	370	81	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	1800	470	ug/kg	
126-98-7	Methacrylonitrile	ND	1800	410	ug/kg	
74-83-9	Methyl bromide	ND	370	160	ug/kg	
74-87-3	Methyl chloride	ND	370	180	ug/kg	
74-88-4	Methyl iodide	ND	740	150	ug/kg	
80-62-6	Methyl methacrylate	ND	1800	370	ug/kg	
74-95-3	Methylene bromide	ND	370	110	ug/kg	
75-09-2	Methylene chloride [b]	371	740	370	ug/kg	JB
78-93-3	Methyl ethyl ketone	ND	1800	610	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	370	110	ug/kg	
91-20-3	Naphthalene	343	370	150	ug/kg	J
76-01-7	Pentachloroethane	ND	1800	370	ug/kg	
107-12-0	Propionitrile	ND	3700	890	ug/kg	
103-65-1	n-Propylbenzene	802	370	89	ug/kg	
100-42-5	Styrene	ND	370	74	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	370	74	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	370	81	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	370	130	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	370	74	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	370	150	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	370	140	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	370	150	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB28-3		
Lab Sample ID:	F67545-5	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/26/09
Method:	SW846 8260B SW846 5035	**Percent Solids:**	86.8
Project:	Holloman AFB; WPOL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	370	74	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	370	74	ug/kg	
127-18-4	Tetrachloroethylene	ND	370	89	ug/kg	
108-88-3	Toluene	ND	370	74	ug/kg	
79-01-6	Trichloroethylene	ND	370	89	ug/kg	
75-69-4	Trichlorofluoromethane	ND	370	150	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	1800	370	ug/kg	
75-01-4	Vinyl chloride	ND	370	150	ug/kg	
108-05-4	Vinyl Acetate	ND	1800	890	ug/kg	
	m,p-Xylene	ND	740	140	ug/kg	
95-47-6	o-Xylene	ND	370	74	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		80-121%
2037-26-5	Toluene-D8	92%		71-130%
460-00-4	4-Bromofluorobenzene	90%		59-148%
17060-07-0	1,2-Dichloroethane-D4	103%		77-123%

(a) Methanol extract analysis required due to matrix interference.
(b) Suspected laboratory contaminant.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB28-3		
Lab Sample ID:	F67545-5	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/26/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	86.8
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	U013949.D	4	09/02/09	NAF	08/31/09	OP30114	SU673
Run #2							

	Initial Weight	Final Volume
Run #1	30.4 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	3800	1500	ug/kg	
95-57-8	2-Chlorophenol	ND	760	150	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	760	150	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	760	150	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	760	150	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	3800	1500	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	1500	490	ug/kg	
95-48-7	2-Methylphenol	ND	760	150	ug/kg	
	3&4-Methylphenol	ND	760	150	ug/kg	
88-75-5	2-Nitrophenol	ND	760	150	ug/kg	
100-02-7	4-Nitrophenol	ND	3800	1500	ug/kg	
87-86-5	Pentachlorophenol	ND	3800	1500	ug/kg	
108-95-2	Phenol	ND	760	150	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	760	150	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	760	150	ug/kg	
83-32-9	Acenaphthene	ND	760	150	ug/kg	
208-96-8	Acenaphthylene	ND	760	150	ug/kg	
120-12-7	Anthracene	ND	760	150	ug/kg	
92-87-5	Benzidine	ND	7600	3800	ug/kg	
56-55-3	Benzo(a)anthracene	ND	760	150	ug/kg	
50-32-8	Benzo(a)pyrene	ND	760	150	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	760	150	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	760	150	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	760	150	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	760	150	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	1500	300	ug/kg	
100-51-6	Benzyl Alcohol	ND	760	150	ug/kg	
91-58-7	2-Chloronaphthalene	ND	760	150	ug/kg	
106-47-8	4-Chloroaniline	ND	760	300	ug/kg	
218-01-9	Chrysene	ND	760	150	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	760	150	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	760	150	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB28-3		
Lab Sample ID:	F67545-5	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/26/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	86.8
Project:	Holloman AFB; WPOL		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	760	150	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	760	150	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	760	200	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	760	200	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	760	180	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	760	150	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	760	150	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	1500	300	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	760	150	ug/kg	
132-64-9	Dibenzofuran	ND	760	150	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	1500	300	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	1500	300	ug/kg	
84-66-2	Diethyl phthalate	ND	1500	760	ug/kg	
131-11-3	Dimethyl phthalate	ND	1500	300	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	1500	760	ug/kg	
206-44-0	Fluoranthene	ND	760	150	ug/kg	
86-73-7	Fluorene	ND	760	150	ug/kg	
118-74-1	Hexachlorobenzene	ND	760	150	ug/kg	
87-68-3	Hexachlorobutadiene	ND	760	150	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	760	150	ug/kg	
67-72-1	Hexachloroethane	ND	760	180	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	760	150	ug/kg	
78-59-1	Isophorone	ND	760	150	ug/kg	
91-57-6	2-Methylnaphthalene	ND	760	150	ug/kg	
88-74-4	2-Nitroaniline	ND	1500	300	ug/kg	
99-09-2	3-Nitroaniline	ND	1500	300	ug/kg	
100-01-6	4-Nitroaniline	ND	1500	300	ug/kg	
91-20-3	Naphthalene	ND	760	150	ug/kg	
98-95-3	Nitrobenzene	ND	760	150	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	760	150	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	760	300	ug/kg	
85-01-8	Phenanthrene	ND	760	150	ug/kg	
129-00-0	Pyrene	ND	760	150	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	760	150	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	85%		40-102%
4165-62-2	Phenol-d5	89%		41-100%
118-79-6	2,4,6-Tribromophenol	81%		42-108%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB28-3		
Lab Sample ID:	F67545-5	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/26/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	86.8
Project:	Holloman AFB; WPOL		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	87%		40-105%
321-60-8	2-Fluorobiphenyl	79%		43-107%
1718-51-0	Terphenyl-d14	82%		45-119%

(a) Dilution required due to matrix interference.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB28-3		
Lab Sample ID:	F67545-5	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/26/09
Method:	SW846 8015 SW846 5035	**Percent Solids:**	86.8
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV035657.D	1	09/04/09	AH	08/26/09 10:59	n/a	GUV2056
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	4.35 g	5.0 ml	20.0 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	197	37	18	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	258% [a]		56-136%
98-08-8	aaa-Trifluorotoluene	115%		61-121%

(a) Outside control limits due to matrix interference.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB28-3		
Lab Sample ID:	F67545-5	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/26/09
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	86.8
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LL27515.D	10	09/08/09	ME	09/02/09	OP30138	GLL1045
Run #2							

	Initial Weight	Final Volume
Run #1	29.6 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	428	97	58	mg/kg	
	TPH (> C22-C36)	ND	97	58	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	75%		49-108%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB28-9		
Lab Sample ID:	F67545-6	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/26/09
Method:	SW846 8260B SW846 5035	**Percent Solids:**	79.8
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	G0059901.D	1	08/27/09	MM	08/26/09 10:59	n/a	VG2257
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.22 g	5.0 ml	100 ul
Run #2			

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	3600	1800	ug/kg	
75-05-8	Acetonitrile	ND	3600	1200	ug/kg	
107-02-8	Acrolein	ND	1800	710	ug/kg	
107-13-1	Acrylonitrile	ND	1800	500	ug/kg	
107-05-1	Allyl chloride	ND	1800	360	ug/kg	
71-43-2	Benzene	ND	360	73	ug/kg	
100-44-7	Benzyl Chloride	ND	360	80	ug/kg	
108-86-1	Bromobenzene	ND	360	73	ug/kg	
74-97-5	Bromochloromethane	ND	360	120	ug/kg	
75-27-4	Bromodichloromethane	ND	360	87	ug/kg	
75-25-2	Bromoform	ND	360	110	ug/kg	
104-51-8	n-Butylbenzene	2010	360	100	ug/kg	
135-98-8	sec-Butylbenzene	2070	360	80	ug/kg	
98-06-6	tert-Butylbenzene	ND	360	80	ug/kg	
108-90-7	Chlorobenzene	ND	360	73	ug/kg	
75-00-3	Chloroethane	ND	360	150	ug/kg	
67-66-3	Chloroform	ND	360	120	ug/kg	
544-10-5	1-Chlorohexane	ND	360	94	ug/kg	
95-49-8	o-Chlorotoluene	ND	360	73	ug/kg	
106-43-4	p-Chlorotoluene	ND	360	73	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	1800	730	ug/kg	
75-15-0	Carbon disulfide	ND	360	80	ug/kg	
56-23-5	Carbon tetrachloride	ND	360	100	ug/kg	
75-34-3	1,1-Dichloroethane	ND	360	150	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	360	94	ug/kg	
563-58-6	1,1-Dichloropropene	ND	360	100	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	360	170	ug/kg	
106-93-4	1,2-Dibromoethane	ND	360	73	ug/kg	
107-06-2	1,2-Dichloroethane	ND	360	80	ug/kg	
78-87-5	1,2-Dichloropropane	ND	360	100	ug/kg	
142-28-9	1,3-Dichloropropane	ND	360	73	ug/kg	
594-20-7	2,2-Dichloropropane	ND	360	150	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB28-9		
Lab Sample ID:	F67545-6	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/26/09
Method:	SW846 8260B SW846 5035	**Percent Solids:**	79.8
Project:	Holloman AFB; WPOL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	360	73	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	360	150	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	360	120	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	360	94	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	1800	360	ug/kg	
541-73-1	m-Dichlorobenzene	ND	360	73	ug/kg	
95-50-1	o-Dichlorobenzene	ND	360	73	ug/kg	
106-46-7	p-Dichlorobenzene	ND	360	73	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	360	87	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	360	73	ug/kg	
100-41-4	Ethylbenzene	146	360	73	ug/kg	J
97-63-2	Ethyl methacrylate	ND	1800	360	ug/kg	
76-13-1	Freon 113	ND	360	190	ug/kg	
591-78-6	2-Hexanone	ND	1800	360	ug/kg	
87-68-3	Hexachlorobutadiene	ND	360	87	ug/kg	
110-54-3	Hexane	ND	360	170	ug/kg	
98-82-8	Isopropylbenzene	818	360	80	ug/kg	
99-87-6	p-Isopropyltoluene	284	360	80	ug/kg	J
108-10-1	4-Methyl-2-pentanone	ND	1800	470	ug/kg	
126-98-7	Methacrylonitrile	ND	1800	400	ug/kg	
74-83-9	Methyl bromide	ND	360	160	ug/kg	
74-87-3	Methyl chloride	ND	360	170	ug/kg	
74-88-4	Methyl iodide	ND	730	150	ug/kg	
80-62-6	Methyl methacrylate	ND	1800	360	ug/kg	
74-95-3	Methylene bromide	ND	360	110	ug/kg	
75-09-2	Methylene chloride [b]	551	730	360	ug/kg	JB
78-93-3	Methyl ethyl ketone	ND	1800	600	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	360	110	ug/kg	
91-20-3	Naphthalene	165	360	150	ug/kg	J
76-01-7	Pentachloroethane	ND	1800	360	ug/kg	
107-12-0	Propionitrile	ND	3600	870	ug/kg	
103-65-1	n-Propylbenzene	1210	360	87	ug/kg	
100-42-5	Styrene	ND	360	73	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	360	73	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	360	80	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	360	130	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	360	73	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	360	150	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	360	140	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	360	150	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB28-9		
Lab Sample ID:	F67545-6	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/26/09
Method:	SW846 8260B SW846 5035	**Percent Solids:**	79.8
Project:	Holloman AFB; WPOL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	360	73	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	325	360	73	ug/kg	J
127-18-4	Tetrachloroethylene	ND	360	87	ug/kg	
108-88-3	Toluene	ND	360	73	ug/kg	
79-01-6	Trichloroethylene	ND	360	87	ug/kg	
75-69-4	Trichlorofluoromethane	ND	360	150	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	1800	360	ug/kg	
75-01-4	Vinyl chloride	ND	360	150	ug/kg	
108-05-4	Vinyl Acetate	ND	1800	870	ug/kg	
	m,p-Xylene	ND	730	140	ug/kg	
95-47-6	o-Xylene	ND	360	73	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	96%		80-121%
2037-26-5	Toluene-D8	95%		71-130%
460-00-4	4-Bromofluorobenzene	91%		59-148%
17060-07-0	1,2-Dichloroethane-D4	102%		77-123%

(a) Methanol extract analysis required due to matrix interference.
(b) Suspected laboratory contaminant.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB28-9		
Lab Sample ID:	F67545-6	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/26/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	79.8
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 [a]	U013950.D	4	09/02/09	NAF	08/31/09	OP30114	SU673
Run #2							

	Initial Weight	Final Volume
Run #1	30.5 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	4100	1600	ug/kg	
95-57-8	2-Chlorophenol	ND	820	160	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	820	160	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	820	160	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	820	160	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	4100	1600	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	1600	530	ug/kg	
95-48-7	2-Methylphenol	ND	820	160	ug/kg	
	3&4-Methylphenol	ND	820	160	ug/kg	
88-75-5	2-Nitrophenol	ND	820	160	ug/kg	
100-02-7	4-Nitrophenol	ND	4100	1600	ug/kg	
87-86-5	Pentachlorophenol	ND	4100	1600	ug/kg	
108-95-2	Phenol	ND	820	160	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	820	160	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	820	160	ug/kg	
83-32-9	Acenaphthene	ND	820	160	ug/kg	
208-96-8	Acenaphthylene	ND	820	160	ug/kg	
120-12-7	Anthracene	ND	820	160	ug/kg	
92-87-5	Benzidine	ND	8200	4100	ug/kg	
56-55-3	Benzo(a)anthracene	ND	820	160	ug/kg	
50-32-8	Benzo(a)pyrene	ND	820	160	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	820	160	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	820	160	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	820	160	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	820	160	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	1600	330	ug/kg	
100-51-6	Benzyl Alcohol	ND	820	160	ug/kg	
91-58-7	2-Chloronaphthalene	ND	820	160	ug/kg	
106-47-8	4-Chloroaniline	ND	820	330	ug/kg	
218-01-9	Chrysene	ND	820	160	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	820	160	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	820	160	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB28-9		
Lab Sample ID:	F67545-6	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/26/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	79.8
Project:	Holloman AFB; WPOL		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	820	160	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	820	160	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	820	210	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	820	210	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	820	200	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	820	160	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	820	160	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	1600	330	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	820	160	ug/kg	
132-64-9	Dibenzofuran	179	820	160	ug/kg	J
84-74-2	Di-n-butyl phthalate	ND	1600	330	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	1600	330	ug/kg	
84-66-2	Diethyl phthalate	ND	1600	820	ug/kg	
131-11-3	Dimethyl phthalate	ND	1600	330	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	1600	820	ug/kg	
206-44-0	Fluoranthene	ND	820	160	ug/kg	
86-73-7	Fluorene	ND	820	160	ug/kg	
118-74-1	Hexachlorobenzene	ND	820	160	ug/kg	
87-68-3	Hexachlorobutadiene	ND	820	160	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	820	160	ug/kg	
67-72-1	Hexachloroethane	ND	820	200	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	820	160	ug/kg	
78-59-1	Isophorone	ND	820	160	ug/kg	
91-57-6	2-Methylnaphthalene	ND	820	160	ug/kg	
88-74-4	2-Nitroaniline	ND	1600	330	ug/kg	
99-09-2	3-Nitroaniline	ND	1600	330	ug/kg	
100-01-6	4-Nitroaniline	ND	1600	330	ug/kg	
91-20-3	Naphthalene	ND	820	160	ug/kg	
98-95-3	Nitrobenzene	ND	820	160	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	820	160	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	820	330	ug/kg	
85-01-8	Phenanthrene	ND	820	160	ug/kg	
129-00-0	Pyrene	ND	820	160	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	820	160	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	73%		40-102%
4165-62-2	Phenol-d5	76%		41-100%
118-79-6	2,4,6-Tribromophenol	70%		42-108%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB28-9		
Lab Sample ID:	F67545-6	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/26/09
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	79.8
Project:	Holloman AFB; WPOL		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	82%		40-105%
321-60-8	2-Fluorobiphenyl	70%		43-107%
1718-51-0	Terphenyl-d14	73%		45-119%

(a) Dilution required due to matrix interference.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB28-9		
Lab Sample ID:	F67545-6	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/26/09
Method:	SW846 8015 SW846 5035	**Percent Solids:**	79.8
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	UV035658.D	1	09/04/09	AH	08/26/09 10:59	n/a	GUV2056
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.22 g	5.0 ml	10.0 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	467	73	36	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	603% [a]		56-136%
98-08-8	aaa-Trifluorotoluene	111%		61-121%

(a) Outside control limits due to matrix interference.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SB28-9		
Lab Sample ID:	F67545-6	**Date Sampled:**	08/24/09
Matrix:	SO - Soil	**Date Received:**	08/26/09
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	79.8
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LL27516.D	5	09/08/09	ME	09/02/09	OP30138	GLL1045
Run #2							

	Initial Weight	Final Volume
Run #1	29.9 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	249	52	31	mg/kg	
	TPH (> C22-C36)	ND	52	31	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	76%		49-108%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK COOLER 3		
Lab Sample ID:	F67545-7	**Date Sampled:**	08/24/09
Matrix:	SO - Trip Blank Soil	**Date Received:**	08/26/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G0059914.D	1	08/27/09	MM	n/a	n/a	VG2257
Run #2							

	Initial Weight
Run #1	5.00 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	50	25	ug/kg	
75-05-8	Acetonitrile	ND	50	16	ug/kg	
107-02-8	Acrolein	ND	25	9.8	ug/kg	
107-13-1	Acrylonitrile	ND	25	6.9	ug/kg	
107-05-1	Allyl chloride	ND	25	5.0	ug/kg	
71-43-2	Benzene	ND	5.0	1.0	ug/kg	
100-44-7	Benzyl Chloride	ND	5.0	1.1	ug/kg	
108-86-1	Bromobenzene	ND	5.0	1.0	ug/kg	
74-97-5	Bromochloromethane	ND	5.0	1.7	ug/kg	
75-27-4	Bromodichloromethane	ND	5.0	1.2	ug/kg	
75-25-2	Bromoform	ND	5.0	1.5	ug/kg	
104-51-8	n-Butylbenzene	ND	5.0	1.4	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.0	1.1	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.0	1.1	ug/kg	
108-90-7	Chlorobenzene	ND	5.0	1.0	ug/kg	
75-00-3	Chloroethane	ND	5.0	2.0	ug/kg	
67-66-3	Chloroform	ND	5.0	1.7	ug/kg	
544-10-5	1-Chlorohexane	ND	5.0	1.3	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.0	1.0	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.0	1.0	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	25	10	ug/kg	
75-15-0	Carbon disulfide	ND	5.0	1.1	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.0	1.4	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.0	2.0	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	5.0	1.3	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.0	1.4	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	2.4	ug/kg	
106-93-4	1,2-Dibromoethane	ND	5.0	1.0	ug/kg	
107-06-2	1,2-Dichloroethane	ND	5.0	1.1	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.0	1.4	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.0	1.0	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.0	2.1	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK COOLER 3		
Lab Sample ID:	F67545-7	**Date Sampled:**	08/24/09
Matrix:	SO - Trip Blank Soil	**Date Received:**	08/26/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Holloman AFB; WPOL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	5.0	1.0	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	2.0	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	5.0	1.6	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	1.3	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	25	5.0	ug/kg	
541-73-1	m-Dichlorobenzene	ND	5.0	1.0	ug/kg	
95-50-1	o-Dichlorobenzene	ND	5.0	1.0	ug/kg	
106-46-7	p-Dichlorobenzene	ND	5.0	1.0	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	5.0	1.2	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	1.0	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	1.0	ug/kg	
97-63-2	Ethyl methacrylate	ND	25	5.0	ug/kg	
76-13-1	Freon 113	ND	5.0	2.6	ug/kg	
591-78-6	2-Hexanone	ND	25	5.0	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.0	1.2	ug/kg	
110-54-3	Hexane	ND	5.0	2.4	ug/kg	
98-82-8	Isopropylbenzene	ND	5.0	1.1	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.0	1.1	ug/kg	
108-10-1	4-Methyl-2-pentanone	8.4	25	6.4	ug/kg	J
126-98-7	Methacrylonitrile	ND	25	5.5	ug/kg	
74-83-9	Methyl bromide	ND	5.0	2.2	ug/kg	
74-87-3	Methyl chloride	ND	5.0	2.4	ug/kg	
74-88-4	Methyl iodide	ND	10	2.0	ug/kg	
80-62-6	Methyl methacrylate	ND	25	5.0	ug/kg	
74-95-3	Methylene bromide	ND	5.0	1.5	ug/kg	
75-09-2	Methylene chloride	ND	10	5.0	ug/kg	
78-93-3	Methyl ethyl ketone	ND	25	8.3	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	1.5	ug/kg	
91-20-3	Naphthalene	ND	5.0	2.0	ug/kg	
76-01-7	Pentachloroethane	ND	25	5.0	ug/kg	
107-12-0	Propionitrile	ND	50	12	ug/kg	
103-65-1	n-Propylbenzene	ND	5.0	1.2	ug/kg	
100-42-5	Styrene	ND	5.0	1.0	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	1.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.0	1.1	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	1.8	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.0	1.0	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	2.0	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.9	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	2.0	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK COOLER 3		
Lab Sample ID:	F67545-7	**Date Sampled:**	08/24/09
Matrix:	SO - Trip Blank Soil	**Date Received:**	08/26/09
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Holloman AFB; WPOL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	1.0	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	1.0	ug/kg	
127-18-4	Tetrachloroethylene	ND	5.0	1.2	ug/kg	
108-88-3	Toluene	ND	5.0	1.0	ug/kg	
79-01-6	Trichloroethylene	ND	5.0	1.2	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	2.0	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	25	5.0	ug/kg	
75-01-4	Vinyl chloride	ND	5.0	2.0	ug/kg	
108-05-4	Vinyl Acetate	ND	25	12	ug/kg	
	m,p-Xylene	ND	10	1.9	ug/kg	
95-47-6	o-Xylene	ND	5.0	1.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		80-121%
2037-26-5	Toluene-D8	96%		71-130%
460-00-4	4-Bromofluorobenzene	102%		59-148%
17060-07-0	1,2-Dichloroethane-D4	94%		77-123%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Certification Exceptions
- Chain of Custody

F67545

NATIONVIEW

PO#: 09-0146

Page: 1 of 1

NationView Project No: 8090012 01.010

COC Number[1]: 8-25-09(2)

LIMS Number:

Chain of Custody and Analytical Request

Facility/Base I.D.: Holloman AFB

Project/Site Name: WPOL

Client Name: USACE

Collected by: Dustin Meyer, 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	VOCs (8260B)	SVOCs (8270C)	TPH-GRO, DRO, ORO (8015B)	Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
1	WPOL-SB25-5		24Aug09	1220	-	N		SO	5	X	X	X				82
2	WPOL-SB25-10		24Aug09	1230	-	N		SO	5	X	X	X				82
3	WPOL-SB27-6		24Aug09	1335	-	N		SO	5	X	X	X				82
4	WPOL-SB27-9		24Aug09	1345		N		SO	5	X	X	X				82
5	WPOL-SB22-3		24Aug09	1400		N		SO	5	X	X	X				82
6	WPOL-SB28-9		24Aug09	1410	-	N		SO	5	X	X	X				82
7	Trip Blank	Cooler 2	24Aug09	1220	-	TB		WQ	3	X						82

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]	8-25-09	1500	1. KX		
2.	KX	8/26/09	9:00	2. CW2 Prowitzer	8/26/09	9:00
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 (-e) 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 101099001 in the Equipment Blank Lot Control

4.8

4.1

4

F67545: Chain of Custody

Page 1 of 2

ACCUTEST Laboratories

F67545

ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: F67545 CLIENT: Nationview PROJECT: WP01

DATE/TIME RECEIVED: 8/26/09 8:00 # OF COOLERS RECEIVED: 1 COOLER TEMPS: 4.8

METHOD OF DELIVERY: (FEDEX) UPS ACCUTEST COURIER GREYHOUND DELIVERY OTHER

AIRBILL NUMBERS: 8684 4331 8296

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
- [ ] WET ICE RECEIVED IN COOLER

TRIP BLANK INFORMATION

- [x] TRIP BLANK PROVIDED
- [ ] TRIP BLANK NOT PROVIDED
- [ ] TRIP BLANK NOT ON COC
- [x] TRIP BLANK INTACT
- [ ] TRIP BLANK NOT INTACT
- [ ] RECEIVED WATER TRIP BLANK
- [x] RECEIVED SOIL TRIP BLANK

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)

MISC. INFORMATION

NUMBER OF ENCORES ? ~~0~~ 24

NUMBER OF 5035 FIELD KITS ? 1 TB

NUMBER OF LAB FILTERED METALS ? 0

SUMMARY OF COMMENTS:

TECHNICIAN SIGNATURE/DATE CLL 8/26/09 TECHNICIAN SIGNATURE/DATE E.T. 8-26-09

ASBD 12/17/07

4.1

4

F67545: Chain of Custody

Page 2 of 2

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F67545
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VG2256-MB	G0059872.D	1	08/26/09	MM	n/a	n/a	VG2256

The QC reported here applies to the following samples: **Method:** SW846 8260B

F67545-1, F67545-2, F67545-3

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	50	25	ug/kg	
75-05-8	Acetonitrile	ND	50	16	ug/kg	
107-02-8	Acrolein	ND	25	9.8	ug/kg	
107-13-1	Acrylonitrile	ND	25	6.9	ug/kg	
107-05-1	Allyl chloride	ND	25	5.0	ug/kg	
71-43-2	Benzene	ND	5.0	1.0	ug/kg	
100-44-7	Benzyl Chloride	ND	5.0	1.1	ug/kg	
108-86-1	Bromobenzene	ND	5.0	1.0	ug/kg	
74-97-5	Bromochloromethane	ND	5.0	1.7	ug/kg	
75-27-4	Bromodichloromethane	ND	5.0	1.2	ug/kg	
75-25-2	Bromoform	ND	5.0	1.5	ug/kg	
104-51-8	n-Butylbenzene	ND	5.0	1.4	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.0	1.1	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.0	1.1	ug/kg	
108-90-7	Chlorobenzene	ND	5.0	1.0	ug/kg	
75-00-3	Chloroethane	ND	5.0	2.0	ug/kg	
67-66-3	Chloroform	ND	5.0	1.7	ug/kg	
544-10-5	1-Chlorohexane	ND	5.0	1.3	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.0	1.0	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.0	1.0	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	25	10	ug/kg	
75-15-0	Carbon disulfide	ND	5.0	1.1	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.0	1.4	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.0	2.0	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	5.0	1.3	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.0	1.4	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	2.4	ug/kg	
106-93-4	1,2-Dibromoethane	ND	5.0	1.0	ug/kg	
107-06-2	1,2-Dichloroethane	ND	5.0	1.1	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.0	1.4	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.0	1.0	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.0	2.1	ug/kg	
124-48-1	Dibromochloromethane	ND	5.0	1.0	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	2.0	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	5.0	1.6	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	1.3	ug/kg	

Method Blank Summary

Job Number: F67545
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VG2256-MB	G0059872.D	1	08/26/09	MM	n/a	n/a	VG2256

The QC reported here applies to the following samples: **Method:** SW846 8260B

F67545-1, F67545-2, F67545-3

CAS No.	Compound	Result	RL	MDL	Units	Q
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	25	5.0	ug/kg	
541-73-1	m-Dichlorobenzene	ND	5.0	1.0	ug/kg	
95-50-1	o-Dichlorobenzene	ND	5.0	1.0	ug/kg	
106-46-7	p-Dichlorobenzene	ND	5.0	1.0	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	5.0	1.2	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	1.0	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	1.0	ug/kg	
97-63-2	Ethyl methacrylate	ND	25	5.0	ug/kg	
76-13-1	Freon 113	ND	5.0	2.6	ug/kg	
591-78-6	2-Hexanone	17.9	25	5.0	ug/kg	J
87-68-3	Hexachlorobutadiene	1.2	5.0	1.2	ug/kg	J
110-54-3	Hexane	ND	5.0	2.4	ug/kg	
98-82-8	Isopropylbenzene	ND	5.0	1.1	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.0	1.1	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	25	6.4	ug/kg	
126-98-7	Methacrylonitrile	ND	25	5.5	ug/kg	
74-83-9	Methyl bromide	ND	5.0	2.2	ug/kg	
74-87-3	Methyl chloride	ND	5.0	2.4	ug/kg	
74-88-4	Methyl iodide	ND	10	2.0	ug/kg	
80-62-6	Methyl methacrylate	ND	25	5.0	ug/kg	
74-95-3	Methylene bromide	ND	5.0	1.5	ug/kg	
75-09-2	Methylene chloride	13.2	10	5.0	ug/kg	
78-93-3	Methyl ethyl ketone	ND	25	8.3	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	1.5	ug/kg	
91-20-3	Naphthalene	ND	5.0	2.0	ug/kg	
76-01-7	Pentachloroethane	ND	25	5.0	ug/kg	
107-12-0	Propionitrile	ND	50	12	ug/kg	
103-65-1	n-Propylbenzene	ND	5.0	1.2	ug/kg	
100-42-5	Styrene	ND	5.0	1.0	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	1.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.0	1.1	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	1.8	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.0	1.0	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	2.0	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.9	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	2.0	ug/kg	

Method Blank Summary

Job Number: F67545
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VG2256-MB	G0059872.D	1	08/26/09	MM	n/a	n/a	VG2256

The QC reported here applies to the following samples: **Method:** SW846 8260B

F67545-1, F67545-2, F67545-3

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	1.0	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	1.0	ug/kg	
127-18-4	Tetrachloroethylene	ND	5.0	1.2	ug/kg	
108-88-3	Toluene	ND	5.0	1.0	ug/kg	
79-01-6	Trichloroethylene	ND	5.0	1.2	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	2.0	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	25	5.0	ug/kg	
75-01-4	Vinyl chloride	ND	5.0	2.0	ug/kg	
108-05-4	Vinyl Acetate	ND	25	12	ug/kg	
	m,p-Xylene	ND	10	1.9	ug/kg	
95-47-6	o-Xylene	ND	5.0	1.0	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	101%	80-121%
2037-26-5	Toluene-D8	95%	71-130%
460-00-4	4-Bromofluorobenzene	104%	59-148%
17060-07-0	1,2-Dichloroethane-D4	101%	77-123%

Method Blank Summary

Job Number: F67545
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VG2257-MB	G0059897.D	1	08/27/09	MM	n/a	n/a	VG2257

The QC reported here applies to the following samples: **Method:** SW846 8260B

F67545-4, F67545-5, F67545-6, F67545-7

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	50	25	ug/kg	
75-05-8	Acetonitrile	ND	50	16	ug/kg	
107-02-8	Acrolein	ND	25	9.8	ug/kg	
107-13-1	Acrylonitrile	ND	25	6.9	ug/kg	
107-05-1	Allyl chloride	ND	25	5.0	ug/kg	
71-43-2	Benzene	ND	5.0	1.0	ug/kg	
100-44-7	Benzyl Chloride	ND	5.0	1.1	ug/kg	
108-86-1	Bromobenzene	ND	5.0	1.0	ug/kg	
74-97-5	Bromochloromethane	ND	5.0	1.7	ug/kg	
75-27-4	Bromodichloromethane	ND	5.0	1.2	ug/kg	
75-25-2	Bromoform	ND	5.0	1.5	ug/kg	
104-51-8	n-Butylbenzene	ND	5.0	1.4	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.0	1.1	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.0	1.1	ug/kg	
108-90-7	Chlorobenzene	ND	5.0	1.0	ug/kg	
75-00-3	Chloroethane	ND	5.0	2.0	ug/kg	
67-66-3	Chloroform	ND	5.0	1.7	ug/kg	
544-10-5	1-Chlorohexane	ND	5.0	1.3	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.0	1.0	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.0	1.0	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	25	10	ug/kg	
75-15-0	Carbon disulfide	ND	5.0	1.1	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.0	1.4	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.0	2.0	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	5.0	1.3	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.0	1.4	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	2.4	ug/kg	
106-93-4	1,2-Dibromoethane	ND	5.0	1.0	ug/kg	
107-06-2	1,2-Dichloroethane	ND	5.0	1.1	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.0	1.4	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.0	1.0	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.0	2.1	ug/kg	
124-48-1	Dibromochloromethane	ND	5.0	1.0	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	2.0	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	5.0	1.6	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	1.3	ug/kg	

Method Blank Summary

Job Number: F67545
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VG2257-MB	G0059897.D	1	08/27/09	MM	n/a	n/a	VG2257

The QC reported here applies to the following samples: **Method:** SW846 8260B

F67545-4, F67545-5, F67545-6, F67545-7

CAS No.	Compound	Result	RL	MDL	Units	Q
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	25	5.0	ug/kg	
541-73-1	m-Dichlorobenzene	ND	5.0	1.0	ug/kg	
95-50-1	o-Dichlorobenzene	ND	5.0	1.0	ug/kg	
106-46-7	p-Dichlorobenzene	ND	5.0	1.0	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	5.0	1.2	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	1.0	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	1.0	ug/kg	
97-63-2	Ethyl methacrylate	ND	25	5.0	ug/kg	
76-13-1	Freon 113	ND	5.0	2.6	ug/kg	
591-78-6	2-Hexanone	13.2	25	5.0	ug/kg	J
87-68-3	Hexachlorobutadiene	ND	5.0	1.2	ug/kg	
110-54-3	Hexane	ND	5.0	2.4	ug/kg	
98-82-8	Isopropylbenzene	ND	5.0	1.1	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.0	1.1	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	25	6.4	ug/kg	
126-98-7	Methacrylonitrile	ND	25	5.5	ug/kg	
74-83-9	Methyl bromide	ND	5.0	2.2	ug/kg	
74-87-3	Methyl chloride	ND	5.0	2.4	ug/kg	
74-88-4	Methyl iodide	ND	10	2.0	ug/kg	
80-62-6	Methyl methacrylate	ND	25	5.0	ug/kg	
74-95-3	Methylene bromide	ND	5.0	1.5	ug/kg	
75-09-2	Methylene chloride	11.0	10	5.0	ug/kg	
78-93-3	Methyl ethyl ketone	ND	25	8.3	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	1.5	ug/kg	
91-20-3	Naphthalene	ND	5.0	2.0	ug/kg	
76-01-7	Pentachloroethane	ND	25	5.0	ug/kg	
107-12-0	Propionitrile	ND	50	12	ug/kg	
103-65-1	n-Propylbenzene	ND	5.0	1.2	ug/kg	
100-42-5	Styrene	ND	5.0	1.0	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	1.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.0	1.1	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	1.8	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.0	1.0	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	2.0	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.9	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	2.0	ug/kg	

Method Blank Summary

Job Number: F67545
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VG2257-MB	G0059897.D	1	08/27/09	MM	n/a	n/a	VG2257

The QC reported here applies to the following samples: **Method:** SW846 8260B

F67545-4, F67545-5, F67545-6, F67545-7

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	1.0	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	1.0	ug/kg	
127-18-4	Tetrachloroethylene	ND	5.0	1.2	ug/kg	
108-88-3	Toluene	ND	5.0	1.0	ug/kg	
79-01-6	Trichloroethylene	ND	5.0	1.2	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	2.0	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	25	5.0	ug/kg	
75-01-4	Vinyl chloride	ND	5.0	2.0	ug/kg	
108-05-4	Vinyl Acetate	ND	25	12	ug/kg	
	m,p-Xylene	ND	10	1.9	ug/kg	
95-47-6	o-Xylene	ND	5.0	1.0	ug/kg	

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	100%	80-121%
2037-26-5	Toluene-D8	94%	71-130%
460-00-4	4-Bromofluorobenzene	105%	59-148%
17060-07-0	1,2-Dichloroethane-D4	100%	77-123%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile [a]		0	ug/kg	

(a) No TICs detected.

Blank Spike Summary

Job Number: F67545
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VG2256-BS	G0059871.D	1	08/26/09	MM	n/a	n/a	VG2256

The QC reported here applies to the following samples: **Method:** SW846 8260B

F67545-1, F67545-2, F67545-3

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
67-64-1	Acetone	250	289	116	61-144
75-05-8	Acetonitrile	500	517	103	59-139
107-02-8	Acrolein	250	214	86	27-156
107-13-1	Acrylonitrile	250	345	138	55-144
107-05-1	Allyl chloride	50	75.4	151	41-152
71-43-2	Benzene	50	55.4	111	78-130
100-44-7	Benzyl Chloride	50	43.6	87	74-130
108-86-1	Bromobenzene	50	50.1	100	78-123
74-97-5	Bromochloromethane	50	49.8	100	72-122
75-27-4	Bromodichloromethane	50	47.7	95	73-122
75-25-2	Bromoform	50	43.5	87	70-139
104-51-8	n-Butylbenzene	50	52.4	105	80-138
135-98-8	sec-Butylbenzene	50	54.3	109	82-132
98-06-6	tert-Butylbenzene	50	52.3	105	79-130
108-90-7	Chlorobenzene	50	50.5	101	83-122
75-00-3	Chloroethane	50	52.5	105	61-153
67-66-3	Chloroform	50	53.5	107	79-129
544-10-5	1-Chlorohexane	50	51.8	104	85-137
95-49-8	o-Chlorotoluene	50	52.4	105	77-123
106-43-4	p-Chlorotoluene	50	52.0	104	78-129
110-75-8	2-Chloroethyl vinyl ether	250	228	91	52-142
75-15-0	Carbon disulfide	50	80.1	160*	61-142
56-23-5	Carbon tetrachloride	50	52.8	106	79-135
75-34-3	1,1-Dichloroethane	50	55.4	111	77-132
75-35-4	1,1-Dichloroethylene	50	63.4	127	66-132
563-58-6	1,1-Dichloropropene	50	53.4	107	81-133
96-12-8	1,2-Dibromo-3-chloropropane	50	39.0	78	67-129
106-93-4	1,2-Dibromoethane	50	45.4	91	77-126
107-06-2	1,2-Dichloroethane	50	50.0	100	78-129
78-87-5	1,2-Dichloropropane	50	51.6	103	74-127
142-28-9	1,3-Dichloropropane	50	46.8	94	78-118
594-20-7	2,2-Dichloropropane	50	56.4	113	80-137
124-48-1	Dibromochloromethane	50	46.7	93	78-117
75-71-8	Dichlorodifluoromethane	50	48.7	97	35-162
156-59-2	cis-1,2-Dichloroethylene	50	52.2	104	74-123
10061-01-5	cis-1,3-Dichloropropene	50	51.1	102	79-130

Blank Spike Summary

Job Number: F67545
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VG2256-BS	G0059871.D	1	08/26/09	MM	n/a	n/a	VG2256

The QC reported here applies to the following samples: **Method:** SW846 8260B

F67545-1, F67545-2, F67545-3

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
1476-11-5	cis-1,4-Dichloro-2-Butene	50	42.4	85	71-126
541-73-1	m-Dichlorobenzene	50	52.2	104	82-126
95-50-1	o-Dichlorobenzene	50	49.9	100	83-123
106-46-7	p-Dichlorobenzene	50	50.5	101	84-124
156-60-5	trans-1,2-Dichloroethylene	50	58.6	117	77-129
10061-02-6	trans-1,3-Dichloropropene	50	52.7	105	87-131
100-41-4	Ethylbenzene	50	50.5	101	82-124
97-63-2	Ethyl methacrylate	50	42.6	85	78-118
76-13-1	Freon 113	50	67.0	134	62-147
591-78-6	2-Hexanone	250	251	100	67-130
87-68-3	Hexachlorobutadiene	50	54.2	108	77-150
110-54-3	Hexane	50	73.8	148*	65-147
98-82-8	Isopropylbenzene	50	52.8	106	82-133
99-87-6	p-Isopropyltoluene	50	54.0	108	82-132
108-10-1	4-Methyl-2-pentanone	250	216	86	69-125
126-98-7	Methacrylonitrile	500	485	97	70-138
74-83-9	Methyl bromide	50	55.9	112	60-146
74-87-3	Methyl chloride	50	50.9	102	58-163
74-88-4	Methyl iodide	50	68.8	138*	66-128
80-62-6	Methyl methacrylate	50	48.1	96	73-125
74-95-3	Methylene bromide	50	49.7	99	75-128
75-09-2	Methylene chloride	50	57.5	115	62-140
78-93-3	Methyl ethyl ketone	250	230	92	66-134
1634-04-4	Methyl Tert Butyl Ether	50	50.6	101	70-131
91-20-3	Naphthalene	50	40.8	82	59-143
76-01-7	Pentachloroethane	50	57.3	115	64-156
107-12-0	Propionitrile	500	510	102	73-133
103-65-1	n-Propylbenzene	50	52.7	105	78-129
100-42-5	Styrene	50	50.6	101	79-123
630-20-6	1,1,1,2-Tetrachloroethane	50	49.5	99	81-121
71-55-6	1,1,1-Trichloroethane	50	53.8	108	80-133
79-34-5	1,1,2,2-Tetrachloroethane	50	43.9	88	70-128
79-00-5	1,1,2-Trichloroethane	50	46.1	92	76-118
87-61-6	1,2,3-Trichlorobenzene	50	44.7	89	78-136
96-18-4	1,2,3-Trichloropropane	50	39.4	79	74-125
120-82-1	1,2,4-Trichlorobenzene	50	47.9	96	82-137

Blank Spike Summary

Job Number: F67545
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VG2256-BS	G0059871.D	1	08/26/09	MM	n/a	n/a	VG2256

The QC reported here applies to the following samples: **Method:** SW846 8260B

F67545-1, F67545-2, F67545-3

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
95-63-6	1,2,4-Trimethylbenzene	50	53.2	106	77-129
108-67-8	1,3,5-Trimethylbenzene	50	53.6	107	79-129
127-18-4	Tetrachloroethylene	50	47.2	94	79-132
108-88-3	Toluene	50	51.8	104	80-123
79-01-6	Trichloroethylene	50	53.2	106	78-132
75-69-4	Trichlorofluoromethane	50	50.0	100	67-149
110-57-6	Trans-1,4-Dichloro-2-Butene	50	93.8	188*	74-138
75-01-4	Vinyl chloride	50	50.4	101	60-145
108-05-4	Vinyl Acetate	250	325	130	25-164
	m,p-Xylene	100	106	106	82-128
95-47-6	o-Xylene	50	52.5	105	82-126

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	101%	80-121%
2037-26-5	Toluene-D8	96%	71-130%
460-00-4	4-Bromofluorobenzene	100%	59-148%
17060-07-0	1,2-Dichloroethane-D4	95%	77-123%

Blank Spike Summary

Job Number: F67545
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VG2257-BS	G0059896.D	1	08/27/09	MM	n/a	n/a	VG2257

The QC reported here applies to the following samples: **Method:** SW846 8260B

F67545-4, F67545-5, F67545-6, F67545-7

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
67-64-1	Acetone	250	334	134	61-144
75-05-8	Acetonitrile	500	670	134	59-139
107-02-8	Acrolein	250	189	76	27-156
107-13-1	Acrylonitrile	250	387	155*	55-144
107-05-1	Allyl chloride	50	78.1	156*	41-152
71-43-2	Benzene	50	54.4	109	78-130
100-44-7	Benzyl Chloride	50	45.2	90	74-130
108-86-1	Bromobenzene	50	47.6	95	78-123
74-97-5	Bromochloromethane	50	50.1	100	72-122
75-27-4	Bromodichloromethane	50	46.0	92	73-122
75-25-2	Bromoform	50	46.4	93	70-139
104-51-8	n-Butylbenzene	50	51.3	103	80-138
135-98-8	sec-Butylbenzene	50	52.0	104	82-132
98-06-6	tert-Butylbenzene	50	49.1	98	79-130
108-90-7	Chlorobenzene	50	49.5	99	83-122
75-00-3	Chloroethane	50	46.0	92	61-153
67-66-3	Chloroform	50	51.3	103	79-129
544-10-5	1-Chlorohexane	50	53.8	108	85-137
95-49-8	o-Chlorotoluene	50	48.5	97	77-123
106-43-4	p-Chlorotoluene	50	49.1	98	78-129
110-75-8	2-Chloroethyl vinyl ether	250	278	111	52-142
75-15-0	Carbon disulfide	50	80.7	161*	61-142
56-23-5	Carbon tetrachloride	50	53.5	107	79-135
75-34-3	1,1-Dichloroethane	50	55.5	111	77-132
75-35-4	1,1-Dichloroethylene	50	66.9	134*	66-132
563-58-6	1,1-Dichloropropene	50	55.1	110	81-133
96-12-8	1,2-Dibromo-3-chloropropane	50	43.6	87	67-129
106-93-4	1,2-Dibromoethane	50	46.0	92	77-126
107-06-2	1,2-Dichloroethane	50	49.5	99	78-129
78-87-5	1,2-Dichloropropane	50	49.7	99	74-127
142-28-9	1,3-Dichloropropane	50	46.7	93	78-118
594-20-7	2,2-Dichloropropane	50	56.1	112	80-137
124-48-1	Dibromochloromethane	50	45.7	91	78-117
75-71-8	Dichlorodifluoromethane	50	28.4	57	35-162
156-59-2	cis-1,2-Dichloroethylene	50	51.2	102	74-123
10061-01-5	cis-1,3-Dichloropropene	50	50.8	102	79-130

Blank Spike Summary

Job Number: F67545
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VG2257-BS	G0059896.D	1	08/27/09	MM	n/a	n/a	VG2257

The QC reported here applies to the following samples: **Method:** SW846 8260B

F67545-4, F67545-5, F67545-6, F67545-7

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
1476-11-5	cis-1,4-Dichloro-2-Butene	50	46.7	93	71-126
541-73-1	m-Dichlorobenzene	50	50.2	100	82-126
95-50-1	o-Dichlorobenzene	50	47.3	95	83-123
106-46-7	p-Dichlorobenzene	50	49.4	99	84-124
156-60-5	trans-1,2-Dichloroethylene	50	59.4	119	77-129
10061-02-6	trans-1,3-Dichloropropene	50	51.0	102	87-131
100-41-4	Ethylbenzene	50	49.1	98	82-124
97-63-2	Ethyl methacrylate	50	47.7	95	78-118
76-13-1	Freon 113	50	68.7	137	62-147
591-78-6	2-Hexanone	250	296	118	67-130
87-68-3	Hexachlorobutadiene	50	54.0	108	77-150
110-54-3	Hexane	50	84.5	169*	65-147
98-82-8	Isopropylbenzene	50	51.7	103	82-133
99-87-6	p-Isopropyltoluene	50	51.9	104	82-132
108-10-1	4-Methyl-2-pentanone	250	245	98	69-125
126-98-7	Methacrylonitrile	500	557	111	70-138
74-83-9	Methyl bromide	50	38.0	76	60-146
74-87-3	Methyl chloride	50	44.5	89	58-163
74-88-4	Methyl iodide	50	64.6	129*	66-128
80-62-6	Methyl methacrylate	50	53.5	107	73-125
74-95-3	Methylene bromide	50	49.0	98	75-128
75-09-2	Methylene chloride	50	53.4	107	62-140
78-93-3	Methyl ethyl ketone	250	269	108	66-134
1634-04-4	Methyl Tert Butyl Ether	50	55.9	112	70-131
91-20-3	Naphthalene	50	43.8	88	59-143
76-01-7	Pentachloroethane	50	57.5	115	64-156
107-12-0	Propionitrile	500	619	124	73-133
103-65-1	n-Propylbenzene	50	50.0	100	78-129
100-42-5	Styrene	50	49.3	99	79-123
630-20-6	1,1,1,2-Tetrachloroethane	50	46.9	94	81-121
71-55-6	1,1,1-Trichloroethane	50	53.3	107	80-133
79-34-5	1,1,2,2-Tetrachloroethane	50	46.1	92	70-128
79-00-5	1,1,2-Trichloroethane	50	44.8	90	76-118
87-61-6	1,2,3-Trichlorobenzene	50	46.5	93	78-136
96-18-4	1,2,3-Trichloropropane	50	42.0	84	74-125
120-82-1	1,2,4-Trichlorobenzene	50	48.2	96	82-137

Blank Spike Summary

Job Number: F67545
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VG2257-BS	G0059896.D	1	08/27/09	MM	n/a	n/a	VG2257

The QC reported here applies to the following samples: **Method:** SW846 8260B

F67545-4, F67545-5, F67545-6, F67545-7

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
95-63-6	1,2,4-Trimethylbenzene	50	49.2	98	77-129
108-67-8	1,3,5-Trimethylbenzene	50	50.6	101	79-129
127-18-4	Tetrachloroethylene	50	48.4	97	79-132
108-88-3	Toluene	50	49.6	99	80-123
79-01-6	Trichloroethylene	50	52.3	105	78-132
75-69-4	Trichlorofluoromethane	50	45.2	90	67-149
110-57-6	Trans-1,4-Dichloro-2-Butene	50	102	204*	74-138
75-01-4	Vinyl chloride	50	42.1	84	60-145
108-05-4	Vinyl Acetate	250	395	158	25-164
	m,p-Xylene	100	101	101	82-128
95-47-6	o-Xylene	50	49.7	99	82-126

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	101%	80-121%
2037-26-5	Toluene-D8	96%	71-130%
460-00-4	4-Bromofluorobenzene	99%	59-148%
17060-07-0	1,2-Dichloroethane-D4	99%	77-123%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F67545
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F67531-1MS	G0059874.D	10	08/26/09	MM	n/a	n/a	VG2256
F67531-1MSD	G0059875.D	10	08/26/09	MM	n/a	n/a	VG2256
F67531-1 [a]	G0059891.D	1	08/26/09	MM	n/a	n/a	VG2256
F67531-1 [b]	G0059873.D	10	08/26/09	MM	n/a	n/a	VG2256

The QC reported here applies to the following samples: **Method:** SW846 8260B

F67545-1, F67545-2, F67545-3

CAS No.	Compound	F67531-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		356000	338000	95	345000	97	2	61-144/29
75-05-8	Acetonitrile	ND		712000	570000	80	651000	91	13	59-139/30
107-02-8	Acrolein	ND		356000	188000	53	200000	56	6	27-156/39
107-13-1	Acrylonitrile	ND		356000	404000	113	431000	121	6	55-144/24
107-05-1	Allyl chloride	ND		71200	101000	142	105000	147	4	41-152/24
71-43-2	Benzene	ND		71200	76400	107	77800	109	2	78-130/25
100-44-7	Benzyl Chloride	ND		71200	49300	69*	50500	71*	2	74-130/28
108-86-1	Bromobenzene	ND		71200	69100	97	71000	100	3	78-123/30
74-97-5	Bromochloromethane	ND		71200	66000	93	66300	93	0	72-122/23
75-27-4	Bromodichloromethane	ND		71200	64000	90	65600	92	2	73-122/25
75-25-2	Bromoform	ND		71200	55300	78	57600	81	4	70-139/26
104-51-8	n-Butylbenzene	3430		71200	75100	101	77200	104	3	80-138/31
135-98-8	sec-Butylbenzene	6550		71200	81000	105	84000	109	4	82-132/29
98-06-6	tert-Butylbenzene	ND		71200	72800	102	73200	103	1	79-130/29
108-90-7	Chlorobenzene	ND		71200	71600	101	73900	104	3	83-122/23
75-00-3	Chloroethane	ND		71200	59900	84	62000	87	3	61-153/31
67-66-3	Chloroform	ND		71200	73100	103	74800	105	2	79-129/27
544-10-5	1-Chlorohexane	ND		71200	74100	104	76600	108	3	85-137/29
95-49-8	o-Chlorotoluene	ND		71200	70900	100	71600	101	1	77-123/31
106-43-4	p-Chlorotoluene	ND		71200	72000	101	73700	103	2	78-129/29
110-75-8	2-Chloroethyl vinyl ether	ND		356000	344000	97	346000	97	1	52-142/25
75-15-0	Carbon disulfide	ND		71200	104000	146*	107000	150*	3	61-142/27
56-23-5	Carbon tetrachloride	ND		71200	73000	102	77100	108	5	79-135/29
75-34-3	1,1-Dichloroethane	ND		71200	77200	108	79000	111	2	77-132/26
75-35-4	1,1-Dichloroethylene	ND		71200	85200	120	87300	123	2	66-132/27
563-58-6	1,1-Dichloropropene	ND		71200	74900	105	76700	108	2	81-133/26
96-12-8	1,2-Dibromo-3-chloropropane	ND		71200	54000	76	58000	81	7	67-129/29
106-93-4	1,2-Dibromoethane	ND		71200	59400	83	61800	87	4	77-126/24
107-06-2	1,2-Dichloroethane	ND		71200	64300	90	66500	93	3	78-129/24
78-87-5	1,2-Dichloropropane	ND		71200	69500	98	71300	100	3	74-127/27
142-28-9	1,3-Dichloropropane	ND		71200	60200	85	63300	89	5	78-118/26
594-20-7	2,2-Dichloropropane	ND		71200	71300	100	73600	103	3	80-137/28
124-48-1	Dibromochloromethane	ND		71200	62600	88	65200	92	4	78-117/27
75-71-8	Dichlorodifluoromethane	ND		71200	66300	93	66900	94	1	35-162/30
156-59-2	cis-1,2-Dichloroethylene	ND		71200	72200	101	73700	103	2	74-123/26
10061-01-5	cis-1,3-Dichloropropene	ND		71200	66900	94	69300	97	4	79-130/23

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F67545
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F67531-1MS	G0059874.D	10	08/26/09	MM	n/a	n/a	VG2256
F67531-1MSD	G0059875.D	10	08/26/09	MM	n/a	n/a	VG2256
F67531-1 [a]	G0059891.D	1	08/26/09	MM	n/a	n/a	VG2256
F67531-1 [b]	G0059873.D	10	08/26/09	MM	n/a	n/a	VG2256

The QC reported here applies to the following samples: **Method:** SW846 8260B

F67545-1, F67545-2, F67545-3

CAS No.	Compound	F67531-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
1476-11-5	cis-1,4-Dichloro-2-Butene	ND		71200	70000	98	70200	99	0	71-126/28
541-73-1	m-Dichlorobenzene	ND		71200	70700	99	72900	102	3	82-126/29
95-50-1	o-Dichlorobenzene	ND		71200	66700	94	68900	97	3	83-123/28
106-46-7	p-Dichlorobenzene	ND		71200	70100	98	71600	101	2	84-124/28
156-60-5	trans-1,2-Dichloroethylene	ND		71200	82700	116	83500	117	1	77-129/27
10061-02-6	trans-1,3-Dichloropropene	ND		71200	69400	97	72400	102	4	87-131/27
100-41-4	Ethylbenzene	ND		71200	73200	103	75800	106	3	82-124/25
97-63-2	Ethyl methacrylate	ND		71200	44900	63*	47000	66*	5	78-118/30
76-13-1	Freon 113	ND		71200	85800	120	87800	123	2	62-147/29
591-78-6	2-Hexanone	ND		356000	305000	86	326000	92	7	67-130/29
87-68-3	Hexachlorobutadiene	ND		71200	77600	109	78900	111	2	77-150/36
110-54-3	Hexane	ND		71200	109000	153*	108000	152*	1	65-147/27
98-82-8	Isopropylbenzene	697		71200	75200	105	78300	109	4	82-133/27
99-87-6	p-Isopropyltoluene	ND		71200	75200	106	75700	106	1	82-132/29
108-10-1	4-Methyl-2-pentanone	ND		356000	269000	76	282000	79	5	69-125/24
126-98-7	Methacrylonitrile	ND		712000	575000	81	604000	85	5	70-138/22
74-83-9	Methyl bromide	ND		71200	29900	42*	29600	42*	1	60-146/31
74-87-3	Methyl chloride	ND		71200	69500	98	71300	100	3	58-163/26
74-88-4	Methyl iodide	ND		71200	86000	121	90400	127	5	66-128/27
80-62-6	Methyl methacrylate	ND		71200	65700	92	69000	97	5	73-125/24
74-95-3	Methylene bromide	ND		71200	63300	89	65600	92	4	75-128/26
75-09-2	Methylene chloride	996	B	71200	144000	201*	147000	205*	2	62-140/25
78-93-3	Methyl ethyl ketone	ND		356000	273000	77	284000	80	4	66-134/23
1634-04-4	Methyl Tert Butyl Ether	ND		71200	70900	100	73200	103	3	70-131/25
91-20-3	Naphthalene	ND		71200	58000	81	59300	83	2	59-143/31
76-01-7	Pentachloroethane	ND		71200	42700	60*	42700	60*	0	64-156/37
107-12-0	Propionitrile	ND		712000	593000	83	623000	87	5	73-133/23
103-65-1	n-Propylbenzene	ND		71200	72700	102	74600	105	3	78-129/29
100-42-5	Styrene	ND		71200	70400	99	74200	104	5	79-123/28
630-20-6	1,1,1,2-Tetrachloroethane	ND		71200	68200	96	72100	101	6	81-121/25
71-55-6	1,1,1-Trichloroethane	ND		71200	73600	103	75200	106	2	80-133/27
79-34-5	1,1,2,2-Tetrachloroethane	ND		71200	67800	95	69900	98	3	70-128/30
79-00-5	1,1,2-Trichloroethane	ND		71200	63400	89	65300	92	3	76-118/28
87-61-6	1,2,3-Trichlorobenzene	ND		71200	67900	95	67800	95	0	78-136/34
96-18-4	1,2,3-Trichloropropane	ND		71200	53300	75	57400	81	7	74-125/30
120-82-1	1,2,4-Trichlorobenzene	ND		71200	69900	98	69500	98	1	82-137/32

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F67545
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F67531-1MS	G0059874.D	10	08/26/09	MM	n/a	n/a	VG2256
F67531-1MSD	G0059875.D	10	08/26/09	MM	n/a	n/a	VG2256
F67531-1 [a]	G0059891.D	1	08/26/09	MM	n/a	n/a	VG2256
F67531-1 [b]	G0059873.D	10	08/26/09	MM	n/a	n/a	VG2256

The QC reported here applies to the following samples: **Method:** SW846 8260B

F67545-1, F67545-2, F67545-3

CAS No.	Compound	F67531-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
95-63-6	1,2,4-Trimethylbenzene	ND		71200	71300	100	72800	102	2	77-129/29
108-67-8	1,3,5-Trimethylbenzene	ND		71200	71800	101	74400	104	4	79-129/31
127-18-4	Tetrachloroethylene	ND		71200	89400	126	93200	131	4	79-132/27
108-88-3	Toluene	ND		71200	72900	102	76400	107	5	80-123/26
79-01-6	Trichloroethylene	ND		71200	74000	104	76800	108	4	78-132/28
75-69-4	Trichlorofluoromethane	ND		71200	63800	90	65300	92	2	67-149/29
110-57-6	Trans-1,4-Dichloro-2-Butene	ND		71200	119000	167*	126000	177*	6	74-138/30
75-01-4	Vinyl chloride	ND		71200	69500	98	70100	98	1	60-145/29
108-05-4	Vinyl Acetate	ND		356000	186000	52	171000	48	8	25-164/35
	m,p-Xylene	ND		142000	149000	105	155000	109	4	82-128/25
95-47-6	o-Xylene	ND		71200	73500	103	76500	107	4	82-126/25

CAS No.	Surrogate Recoveries	MS	MSD	F67531-1	F67531-1	Limits
1868-53-7	Dibromofluoromethane	98%	98%	96%	101%	80-121%
2037-26-5	Toluene-D8	99%	101%	97%	94%	71-130%
460-00-4	4-Bromofluorobenzene	99%	96%	84%	97%	59-148%
17060-07-0	1,2-Dichloroethane-D4	87%	87%	102%	104%	77-123%

(a) Methanol extract analysis required due to matrix interference.
(b) Confirmation run.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F67545
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F67564-1MS	G0059908.D	1	08/27/09	MM	n/a	n/a	VG2257
F67564-1MSD	G0059909.D	1	08/27/09	MM	n/a	n/a	VG2257
F67564-1 [a]	G0059902.D	1	08/27/09	MM	n/a	n/a	VG2257

The QC reported here applies to the following samples: **Method:** SW846 8260B

F67545-4, F67545-5, F67545-6, F67545-7

CAS No.	Compound	F67564-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	212		346	450	69	478	77	6	61-144/29
75-05-8	Acetonitrile	33.7	J	691	574	78	547	75	5	59-139/30
107-02-8	Acrolein	ND		346	ND	0*	ND	0*	nc	27-156/39
107-13-1	Acrylonitrile	ND		346	74.7	22*	55.1	16*	30*	55-144/24
107-05-1	Allyl chloride	ND		69.1	68.3	99	62.7	91	9	41-152/24
71-43-2	Benzene	ND		69.1	68.3	99	64.7	94	5	78-130/25
100-44-7	Benzyl Chloride	ND		69.1	17.8	26*	13.3	19*	29*	74-130/28
108-86-1	Bromobenzene	ND		69.1	51.4	74*	48.1	70*	7	78-123/30
74-97-5	Bromochloromethane	ND		69.1	57.0	82	53.9	78	6	72-122/23
75-27-4	Bromodichloromethane	ND		69.1	50.2	73	47.9	70*	5	73-122/25
75-25-2	Bromoform	ND		69.1	47.0	68*	42.6	62*	10	70-139/26
104-51-8	n-Butylbenzene	2.0	J	69.1	41.0	56*	41.0	57*	0	80-138/31
135-98-8	sec-Butylbenzene	ND		69.1	43.9	63*	44.5	65*	1	82-132/29
98-06-6	tert-Butylbenzene	ND		69.1	46.8	68*	44.7	65*	5	79-130/29
108-90-7	Chlorobenzene	ND		69.1	54.1	78*	49.7	72*	8	83-122/23
75-00-3	Chloroethane	ND		69.1	61.4	89	57.2	83	7	61-153/31
67-66-3	Chloroform	ND		69.1	64.4	93	63.8	93	1	79-129/27
544-10-5	1-Chlorohexane	ND		69.1	44.7	65*	44.4	65*	1	85-137/29
95-49-8	o-Chlorotoluene	8.5		69.1	57.2	70*	54.9	67*	4	77-123/31
106-43-4	p-Chlorotoluene	ND		69.1	49.5	72*	46.9	68*	5	78-129/29
110-75-8	2-Chloroethyl vinyl ether	ND		346	313	91	328	95	5	52-142/25
75-15-0	Carbon disulfide	ND		69.1	48.5	70	49.0	71	1	61-142/27
56-23-5	Carbon tetrachloride	ND		69.1	58.6	85	56.7	82	3	79-135/29
75-34-3	1,1-Dichloroethane	ND		69.1	68.8	100	68.0	99	1	77-132/26
75-35-4	1,1-Dichloroethylene	ND		69.1	97.3	141*	98.2	143*	1	66-132/27
563-58-6	1,1-Dichloropropene	ND		69.1	61.1	88	57.0	83	7	81-133/26
96-12-8	1,2-Dibromo-3-chloropropane	ND		69.1	42.9	62*	38.0	55*	12	67-129/29
106-93-4	1,2-Dibromoethane	ND		69.1	51.4	74*	46.3	67*	10	77-126/24
107-06-2	1,2-Dichloroethane	ND		69.1	58.7	85	55.0	80	7	78-129/24
78-87-5	1,2-Dichloropropane	ND		69.1	62.0	90	61.4	89	1	74-127/27
142-28-9	1,3-Dichloropropane	ND		69.1	54.5	79	51.6	75*	5	78-118/26
594-20-7	2,2-Dichloropropane	ND		69.1	60.4	87	60.6	88	0	80-137/28
124-48-1	Dibromochloromethane	ND		69.1	48.4	70*	44.2	64*	9	78-117/27
75-71-8	Dichlorodifluoromethane	ND		69.1	33.0	48	33.0	48	0	35-162/30
156-59-2	cis-1,2-Dichloroethylene	ND		69.1	59.3	86	53.9	78	10	74-123/26
10061-01-5	cis-1,3-Dichloropropene	ND		69.1	24.8	36*	21.1	31*	16	79-130/23

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F67545
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F67564-1MS	G0059908.D	1	08/27/09	MM	n/a	n/a	VG2257
F67564-1MSD	G0059909.D	1	08/27/09	MM	n/a	n/a	VG2257
F67564-1 [a]	G0059902.D	1	08/27/09	MM	n/a	n/a	VG2257

The QC reported here applies to the following samples: **Method:** SW846 8260B

F67545-4, F67545-5, F67545-6, F67545-7

CAS No.	Compound	F67564-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
1476-11-5	cis-1,4-Dichloro-2-Butene	ND		69.1	11.1	16*	9.1	13*	20	71-126/28
541-73-1	m-Dichlorobenzene	ND		69.1	46.4	67*	43.5	63*	6	82-126/29
95-50-1	o-Dichlorobenzene	ND		69.1	48.3	70*	45.2	66*	7	83-123/28
106-46-7	p-Dichlorobenzene	ND		69.1	46.7	68*	43.9	64*	6	84-124/28
156-60-5	trans-1,2-Dichloroethylene	ND		69.1	56.8	82	53.1	77	7	77-129/27
10061-02-6	trans-1,3-Dichloropropene	ND		69.1	39.2	57*	34.4	50*	13	87-131/27
100-41-4	Ethylbenzene	ND		69.1	55.1	80*	51.3	75*	7	82-124/25
97-63-2	Ethyl methacrylate	ND		69.1	ND	0*	ND	0*	nc	78-118/30
76-13-1	Freon 113	ND		69.1	71.0	103	65.8	96	8	62-147/29
591-78-6	2-Hexanone	ND		346	318	92	321	93	1	67-130/29
87-68-3	Hexachlorobutadiene	ND		69.1	33.1	48*	37.4	54*	12	77-150/36
110-54-3	Hexane	ND		69.1	52.7	76	56.3	82	7	65-147/27
98-82-8	Isopropylbenzene	ND		69.1	50.1	72*	48.8	71*	3	82-133/27
99-87-6	p-Isopropyltoluene	ND		69.1	45.4	66*	44.9	65*	1	82-132/29
108-10-1	4-Methyl-2-pentanone	27.0	J	346	312	82	335	89	7	69-125/24
126-98-7	Methacrylonitrile	ND		691	581	84	555	81	5	70-138/22
74-83-9	Methyl bromide	ND		69.1	22.6	33*	18.9	27*	18	60-146/31
74-87-3	Methyl chloride	ND		69.1	47.3	68	45.8	67	3	58-163/26
74-88-4	Methyl iodide	ND		69.1	29.0	42*	25.5	37*	13	66-128/27
80-62-6	Methyl methacrylate	ND		69.1	ND	0*	44.9	65*	200*	73-125/24
74-95-3	Methylene bromide	ND		69.1	54.9	79	52.7	77	4	75-128/26
75-09-2	Methylene chloride	ND		69.1	72.0	104	68.2	99	5	62-140/25
78-93-3	Methyl ethyl ketone	21.1	J	346	280	75	275	74	2	66-134/23
1634-04-4	Methyl Tert Butyl Ether	ND		69.1	67.3	97	70.5	102	5	70-131/25
91-20-3	Naphthalene	49.2		69.1	91.8	62	94.8	66	3	59-143/31
76-01-7	Pentachloroethane	ND		69.1	ND	0*	ND	0*	nc	64-156/37
107-12-0	Propionitrile	ND		691	614	89	579	84	6	73-133/23
103-65-1	n-Propylbenzene	ND		69.1	48.6	70*	46.1	67*	5	78-129/29
100-42-5	Styrene	3.0	J	69.1	54.3	74*	52.5	72*	3	79-123/28
630-20-6	1,1,1,2-Tetrachloroethane	ND		69.1	53.1	77*	48.6	71*	9	81-121/25
71-55-6	1,1,1-Trichloroethane	ND		69.1	62.9	91	61.3	89	3	80-133/27
79-34-5	1,1,2,2-Tetrachloroethane	ND		69.1	ND	0*	ND	0*	nc	70-128/30
79-00-5	1,1,2-Trichloroethane	ND		69.1	38.6	56*	35.1	51*	9	76-118/28
87-61-6	1,2,3-Trichlorobenzene	ND		69.1	39.0	56*	40.1	58*	3	78-136/34
96-18-4	1,2,3-Trichloropropane	ND		69.1	47.8	69*	41.6	60*	14	74-125/30
120-82-1	1,2,4-Trichlorobenzene	ND		69.1	39.7	57*	41.0	60*	3	82-137/32

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F67545
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F67564-1MS	G0059908.D	1	08/27/09	MM	n/a	n/a	VG2257
F67564-1MSD	G0059909.D	1	08/27/09	MM	n/a	n/a	VG2257
F67564-1 [a]	G0059902.D	1	08/27/09	MM	n/a	n/a	VG2257

The QC reported here applies to the following samples: **Method:** SW846 8260B

F67545-4, F67545-5, F67545-6, F67545-7

CAS No.	Compound	F67564-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
95-63-6	1,2,4-Trimethylbenzene	10.3		69.1	58.2	69*	56.8	68*	2	77-129/29
108-67-8	1,3,5-Trimethylbenzene	3.3	J	69.1	51.2	69*	48.6	66*	5	79-129/31
127-18-4	Tetrachloroethylene	ND		69.1	82.7	120	78.3	114	5	79-132/27
108-88-3	Toluene	14.4		69.1	70.8	82	76.3	90	7	80-123/26
79-01-6	Trichloroethylene	ND		69.1	107	155*	100	145*	7	78-132/28
75-69-4	Trichlorofluoromethane	ND		69.1	55.7	81	53.1	77	5	67-149/29
110-57-6	Trans-1,4-Dichloro-2-Butene	ND		69.1	56.1	81	45.2	66*	22	74-138/30
75-01-4	Vinyl chloride	ND		69.1	48.1	70	43.8	64	9	60-145/29
108-05-4	Vinyl Acetate	ND		346	19.0	5*	20.5	6*	8	25-164/35
	m,p-Xylene	9.3	J	138	118	79*	112	75*	5	82-128/25
95-47-6	o-Xylene	4.9	J	69.1	57.6	76*	55.9	74*	3	82-126/25

CAS No.	Surrogate Recoveries	MS	MSD	F67564-1	Limits
1868-53-7	Dibromofluoromethane	56%*	54%*	57%*	80-121%
2037-26-5	Toluene-D8	99%	98%	93%	71-130%
460-00-4	4-Bromofluorobenzene	100%	97%	97%	59-148%
17060-07-0	1,2-Dichloroethane-D4	92%	91%	109%	77-123%

(a) Sample analyzed beyond hold time; reported results are considered minimum values.

GC/MS Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F67545
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30114-MB	U013930.D	1	09/02/09	NAF	08/31/09	OP30114	SU673

The QC reported here applies to the following samples: **Method:** SW846 8270C

F67545-1, F67545-2, F67545-3, F67545-4, F67545-5, F67545-6

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	830	330	ug/kg	
95-57-8	2-Chlorophenol	ND	170	33	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	33	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	33	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	33	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	830	330	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	330	110	ug/kg	
95-48-7	2-Methylphenol	ND	170	33	ug/kg	
	3&4-Methylphenol	ND	170	33	ug/kg	
88-75-5	2-Nitrophenol	ND	170	33	ug/kg	
100-02-7	4-Nitrophenol	ND	830	330	ug/kg	
87-86-5	Pentachlorophenol	ND	830	330	ug/kg	
108-95-2	Phenol	ND	170	33	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	33	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	33	ug/kg	
83-32-9	Acenaphthene	ND	170	33	ug/kg	
208-96-8	Acenaphthylene	ND	170	33	ug/kg	
120-12-7	Anthracene	ND	170	33	ug/kg	
92-87-5	Benzidine	ND	1700	830	ug/kg	
56-55-3	Benzo(a)anthracene	ND	170	33	ug/kg	
50-32-8	Benzo(a)pyrene	ND	170	33	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	170	33	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	170	33	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	170	33	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	170	33	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	330	67	ug/kg	
100-51-6	Benzyl Alcohol	ND	170	33	ug/kg	
91-58-7	2-Chloronaphthalene	ND	170	33	ug/kg	
106-47-8	4-Chloroaniline	ND	170	67	ug/kg	
218-01-9	Chrysene	ND	170	33	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	170	33	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	170	33	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	170	33	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	33	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	170	43	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	170	43	ug/kg	

Method Blank Summary

Job Number: F67545
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30114-MB	U013930.D	1	09/02/09	NAF	08/31/09	OP30114	SU673

The QC reported here applies to the following samples: **Method:** SW846 8270C

F67545-1, F67545-2, F67545-3, F67545-4, F67545-5, F67545-6

CAS No.	Compound	Result	RL	MDL	Units	Q
106-46-7	1,4-Dichlorobenzene	ND	170	40	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	170	33	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	170	33	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	330	67	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	33	ug/kg	
132-64-9	Dibenzofuran	ND	170	33	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	330	67	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	330	67	ug/kg	
84-66-2	Diethyl phthalate	ND	330	170	ug/kg	
131-11-3	Dimethyl phthalate	ND	330	67	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	330	170	ug/kg	
206-44-0	Fluoranthene	ND	170	33	ug/kg	
86-73-7	Fluorene	ND	170	33	ug/kg	
118-74-1	Hexachlorobenzene	ND	170	33	ug/kg	
87-68-3	Hexachlorobutadiene	ND	170	33	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	170	33	ug/kg	
67-72-1	Hexachloroethane	ND	170	40	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	33	ug/kg	
78-59-1	Isophorone	ND	170	33	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	33	ug/kg	
88-74-4	2-Nitroaniline	ND	330	67	ug/kg	
99-09-2	3-Nitroaniline	ND	330	67	ug/kg	
100-01-6	4-Nitroaniline	ND	330	67	ug/kg	
91-20-3	Naphthalene	ND	170	33	ug/kg	
98-95-3	Nitrobenzene	ND	170	33	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	170	33	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	67	ug/kg	
85-01-8	Phenanthrene	ND	170	33	ug/kg	
129-00-0	Pyrene	ND	170	33	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	170	33	ug/kg	

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	74%	40-102%
4165-62-2	Phenol-d5	78%	41-100%

Method Blank Summary

Job Number: F67545
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30114-MB	U013930.D	1	09/02/09	NAF	08/31/09	OP30114	SU673

The QC reported here applies to the following samples: **Method:** SW846 8270C

F67545-1, F67545-2, F67545-3, F67545-4, F67545-5, F67545-6

CAS No.	Surrogate Recoveries		Limits
118-79-6	2,4,6-Tribromophenol	74%	42-108%
4165-60-0	Nitrobenzene-d5	74%	40-105%
321-60-8	2-Fluorobiphenyl	71%	43-107%
1718-51-0	Terphenyl-d14	76%	45-119%

Method Blank Summary

Job Number: F67545
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30114-MB	X007478.D	1	09/10/09	NAF	08/31/09	OP30114	SX393

The QC reported here applies to the following samples: **Method:** SW846 8270C

F67545-1, F67545-2, F67545-3, F67545-4, F67545-5, F67545-6

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	830	330	ug/kg	
95-57-8	2-Chlorophenol	ND	170	33	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	33	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	33	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	33	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	830	330	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	330	110	ug/kg	
95-48-7	2-Methylphenol	ND	170	33	ug/kg	
	3&4-Methylphenol	ND	170	33	ug/kg	
88-75-5	2-Nitrophenol	ND	170	33	ug/kg	
100-02-7	4-Nitrophenol	ND	830	330	ug/kg	
87-86-5	Pentachlorophenol	ND	830	330	ug/kg	
108-95-2	Phenol	ND	170	33	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	33	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	33	ug/kg	
83-32-9	Acenaphthene	ND	170	33	ug/kg	
208-96-8	Acenaphthylene	ND	170	33	ug/kg	
120-12-7	Anthracene	ND	170	33	ug/kg	
92-87-5	Benzidine	ND	1700	830	ug/kg	
56-55-3	Benzo(a)anthracene	ND	170	33	ug/kg	
50-32-8	Benzo(a)pyrene	ND	170	33	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	170	33	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	170	33	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	170	33	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	170	33	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	330	67	ug/kg	
100-51-6	Benzyl Alcohol	ND	170	33	ug/kg	
91-58-7	2-Chloronaphthalene	ND	170	33	ug/kg	
106-47-8	4-Chloroaniline	ND	170	67	ug/kg	
218-01-9	Chrysene	ND	170	33	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	170	33	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	170	33	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	170	33	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	170	33	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	170	43	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	170	43	ug/kg	

Method Blank Summary

Job Number: F67545
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30114-MB	X007478.D	1	09/10/09	NAF	08/31/09	OP30114	SX393

The QC reported here applies to the following samples: **Method:** SW846 8270C

F67545-1, F67545-2, F67545-3, F67545-4, F67545-5, F67545-6

CAS No.	Compound	Result	RL	MDL	Units	Q
106-46-7	1,4-Dichlorobenzene	ND	170	40	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	170	33	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	170	33	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	330	67	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	170	33	ug/kg	
132-64-9	Dibenzofuran	ND	170	33	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	330	67	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	330	67	ug/kg	
84-66-2	Diethyl phthalate	ND	330	170	ug/kg	
131-11-3	Dimethyl phthalate	ND	330	67	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	330	170	ug/kg	
206-44-0	Fluoranthene	ND	170	33	ug/kg	
86-73-7	Fluorene	ND	170	33	ug/kg	
118-74-1	Hexachlorobenzene	ND	170	33	ug/kg	
87-68-3	Hexachlorobutadiene	ND	170	33	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	170	33	ug/kg	
67-72-1	Hexachloroethane	ND	170	40	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	33	ug/kg	
78-59-1	Isophorone	ND	170	33	ug/kg	
91-57-6	2-Methylnaphthalene	ND	170	33	ug/kg	
88-74-4	2-Nitroaniline	ND	330	67	ug/kg	
99-09-2	3-Nitroaniline	ND	330	67	ug/kg	
100-01-6	4-Nitroaniline	ND	330	67	ug/kg	
91-20-3	Naphthalene	ND	170	33	ug/kg	
98-95-3	Nitrobenzene	ND	170	33	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	170	33	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	67	ug/kg	
85-01-8	Phenanthrene	ND	170	33	ug/kg	
129-00-0	Pyrene	ND	170	33	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	170	33	ug/kg	

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	80%	40-102%
4165-62-2	Phenol-d5	82%	41-100%

Method Blank Summary

Job Number: F67545
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30114-MB	X007478.D	1	09/10/09	NAF	08/31/09	OP30114	SX393

The QC reported here applies to the following samples: **Method:** SW846 8270C

F67545-1, F67545-2, F67545-3, F67545-4, F67545-5, F67545-6

CAS No.	Surrogate Recoveries		Limits
118-79-6	2,4,6-Tribromophenol	85%	42-108%
4165-60-0	Nitrobenzene-d5	76%	40-105%
321-60-8	2-Fluorobiphenyl	78%	43-107%
1718-51-0	Terphenyl-d14	86%	45-119%

Blank Spike Summary

Job Number: F67545
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30114-BS	U013929.D	1	09/02/09	NAF	08/31/09	OP30114	SU673

The QC reported here applies to the following samples: **Method:** SW846 8270C

F67545-1, F67545-2, F67545-3, F67545-4, F67545-5, F67545-6

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
65-85-0	Benzoic acid	3330	2130	64	44-116
95-57-8	2-Chlorophenol	1670	1310	79	54-97
59-50-7	4-Chloro-3-methyl phenol	1670	1440	86	59-102
120-83-2	2,4-Dichlorophenol	1670	1380	83	60-101
105-67-9	2,4-Dimethylphenol	1670	1220	73	49-89
51-28-5	2,4-Dinitrophenol	3330	2170	65	39-107
534-52-1	4,6-Dinitro-o-cresol	3330	2790	84	58-109
95-48-7	2-Methylphenol	1670	1220	73	53-94
	3&4-Methylphenol	3330	2560	77	54-95
88-75-5	2-Nitrophenol	1670	1310	79	55-96
100-02-7	4-Nitrophenol	3330	2770	83	56-106
87-86-5	Pentachlorophenol	3330	2700	81	50-115
108-95-2	Phenol	1670	1260	76	55-99
95-95-4	2,4,5-Trichlorophenol	1670	1350	81	60-101
88-06-2	2,4,6-Trichlorophenol	1670	1400	84	60-100
83-32-9	Acenaphthene	1670	1370	82	59-97
208-96-8	Acenaphthylene	1670	1310	79	58-98
120-12-7	Anthracene	1670	1360	82	61-104
56-55-3	Benzo(a)anthracene	1670	1460	88	60-106
50-32-8	Benzo(a)pyrene	1670	1390	83	59-102
205-99-2	Benzo(b)fluoranthene	1670	1460	88	60-107
191-24-2	Benzo(g,h,i)perylene	1670	1270	76	56-103
207-08-9	Benzo(k)fluoranthene	1670	1510	91	61-107
101-55-3	4-Bromophenyl phenyl ether	1670	1490	89	60-104
85-68-7	Butyl benzyl phthalate	1670	1500	90	57-110
100-51-6	Benzyl Alcohol	1670	1180	71	51-102
91-58-7	2-Chloronaphthalene	1670	1250	75	57-95
106-47-8	4-Chloroaniline	1670	899	54	19-85
218-01-9	Chrysene	1670	1450	87	60-107
111-91-1	bis(2-Chloroethoxy)methane	1670	1300	78	51-89
111-44-4	bis(2-Chloroethyl)ether	1670	1250	75	50-96
108-60-1	bis(2-Chloroisopropyl)ether	1670	1300	78	44-94
7005-72-3	4-Chlorophenyl phenyl ether	1670	1430	86	60-101
95-50-1	1,2-Dichlorobenzene	1670	1190	71	47-91
541-73-1	1,3-Dichlorobenzene	1670	1160	70	45-86
106-46-7	1,4-Dichlorobenzene	1670	1160	70	45-88

Blank Spike Summary

Job Number: F67545
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30114-BS	U013929.D	1	09/02/09	NAF	08/31/09	OP30114	SU673

The QC reported here applies to the following samples: **Method:** SW846 8270C

F67545-1, F67545-2, F67545-3, F67545-4, F67545-5, F67545-6

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
121-14-2	2,4-Dinitrotoluene	1670	1340	80	59-103
606-20-2	2,6-Dinitrotoluene	1670	1330	80	57-99
91-94-1	3,3'-Dichlorobenzidine	1670	869	52	34-88
53-70-3	Dibenzo(a,h)anthracene	1670	1300	78	57-105
132-64-9	Dibenzofuran	1670	1290	77	58-103
84-74-2	Di-n-butyl phthalate	1670	1500	90	59-105
117-84-0	Di-n-octyl phthalate	1670	1540	92	59-117
84-66-2	Diethyl phthalate	1670	1500	90	59-106
131-11-3	Dimethyl phthalate	1670	1440	86	60-100
117-81-7	bis(2-Ethylhexyl)phthalate	1670	1490	89	57-111
206-44-0	Fluoranthene	1670	1460	88	60-110
86-73-7	Fluorene	1670	1400	84	60-99
118-74-1	Hexachlorobenzene	1670	1370	82	58-103
87-68-3	Hexachlorobutadiene	1670	1220	73	49-95
77-47-4	Hexachlorocyclopentadiene	1670	1010	61	36-94
67-72-1	Hexachloroethane	1670	1210	73	44-89
193-39-5	Indeno(1,2,3-cd)pyrene	1670	1270	76	57-104
78-59-1	Isophorone	1670	1150	69	58-97
91-57-6	2-Methylnaphthalene	1670	1240	74	57-103
88-74-4	2-Nitroaniline	1670	1600	96	53-106
99-09-2	3-Nitroaniline	1670	886	53	29-85
100-01-6	4-Nitroaniline	1670	1260	76	49-104
91-20-3	Naphthalene	1670	1200	72	54-93
98-95-3	Nitrobenzene	1670	1230	74	53-92
621-64-7	N-Nitroso-di-n-propylamine	1670	1250	75	49-94
86-30-6	N-Nitrosodiphenylamine	1670	1310	79	53-107
85-01-8	Phenanthrene	1670	1480	89	61-103
129-00-0	Pyrene	1670	1420	85	58-109
120-82-1	1,2,4-Trichlorobenzene	1670	1200	72	52-93

CAS No.	Surrogate Recoveries	BSP	Limits
367-12-4	2-Fluorophenol	73%	40-102%
4165-62-2	Phenol-d5	76%	41-100%
118-79-6	2,4,6-Tribromophenol	78%	42-108%

Blank Spike Summary

Job Number: F67545
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30114-BS	U013929.D	1	09/02/09	NAF	08/31/09	OP30114	SU673

The QC reported here applies to the following samples: **Method:** SW846 8270C

F67545-1, F67545-2, F67545-3, F67545-4, F67545-5, F67545-6

CAS No.	Surrogate Recoveries	BSP	Limits
4165-60-0	Nitrobenzene-d5	72%	40-105%
321-60-8	2-Fluorobiphenyl	70%	43-107%
1718-51-0	Terphenyl-d14	73%	45-119%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F67545
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30114-MS	U013935.D	1	09/02/09	NAF	08/31/09	OP30114	SU673
OP30114-MSD	U013936.D	1	09/02/09	NAF	08/31/09	OP30114	SU673
F67531-2	U013934.D	1	09/02/09	NAF	08/31/09	OP30114	SU673

The QC reported here applies to the following samples: **Method:** SW846 8270C

F67545-1, F67545-2, F67545-3, F67545-4, F67545-5, F67545-6

CAS No.	Compound	F67531-2 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
65-85-0	Benzoic acid	ND		3990	1220	31*	1230	31*	1	44-116/36
95-57-8	2-Chlorophenol	ND		1990	1400	70	1530	77	9	54-97/31
59-50-7	4-Chloro-3-methyl phenol	ND		1990	1570	79	1630	82	4	59-102/27
120-83-2	2,4-Dichlorophenol	ND		1990	1470	74	1560	79	6	60-101/30
105-67-9	2,4-Dimethylphenol	ND		1990	1340	67	1400	71	4	49-89/31
51-28-5	2,4-Dinitrophenol	ND		3990	1110	28*	1070	27*	4	39-107/40
534-52-1	4,6-Dinitro-o-cresol	ND		3990	2030	51*	1860	47*	9	58-109/37
95-48-7	2-Methylphenol	ND		1990	1370	69	1450	73	6	53-94/29
	3&4-Methylphenol	ND		3990	2850	72	3010	76	5	54-95/31
88-75-5	2-Nitrophenol	ND		1990	1360	68	1480	75	8	55-96/30
100-02-7	4-Nitrophenol	ND		3990	3040	76	3090	78	2	56-106/29
87-86-5	Pentachlorophenol	ND		3990	2440	61	2510	63	3	50-115/33
108-95-2	Phenol	ND		1990	1360	68	1490	75	9	55-99/28
95-95-4	2,4,5-Trichlorophenol	ND		1990	1390	70	1440	73	4	60-101/28
88-06-2	2,4,6-Trichlorophenol	ND		1990	1470	74	1550	78	5	60-100/27
83-32-9	Acenaphthene	ND		1990	1430	72	1490	75	4	59-97/29
208-96-8	Acenaphthylene	ND		1990	1380	69	1440	73	4	58-98/30
120-12-7	Anthracene	ND		1990	1410	71	1450	73	3	61-104/29
56-55-3	Benzo(a)anthracene	ND		1990	1510	76	1560	79	3	60-106/31
50-32-8	Benzo(a)pyrene	ND		1990	1470	74	1520	77	3	59-102/32
205-99-2	Benzo(b)fluoranthene	ND		1990	1530	77	1610	81	5	60-107/31
191-24-2	Benzo(g,h,i)perylene	ND		1990	1270	64	1370	69	8	56-103/32
207-08-9	Benzo(k)fluoranthene	ND		1990	1640	82	1620	82	1	61-107/30
101-55-3	4-Bromophenyl phenyl ether	ND		1990	1510	76	1560	79	3	60-104/26
85-68-7	Butyl benzyl phthalate	ND		1990	1550	78	1620	82	4	57-110/28
100-51-6	Benzyl Alcohol	ND		1990	1340	67	1480	75	10	51-102/34
91-58-7	2-Chloronaphthalene	ND		1990	1320	66	1390	70	5	57-95/28
106-47-8	4-Chloroaniline	ND		1990	1170	59	1230	62	5	19-85/34
218-01-9	Chrysene	ND		1990	1540	77	1570	79	2	60-107/31
111-91-1	bis(2-Chloroethoxy)methane	ND		1990	1360	68	1460	74	7	51-89/30
111-44-4	bis(2-Chloroethyl)ether	ND		1990	1310	66	1420	72	8	50-96/33
108-60-1	bis(2-Chloroisopropyl)ether	ND		1990	1400	70	1480	75	6	44-94/32
7005-72-3	4-Chlorophenyl phenyl ether	ND		1990	1500	75	1550	78	3	60-101/26
95-50-1	1,2-Dichlorobenzene	ND		1990	1190	60	1330	67	11	47-91/35
541-73-1	1,3-Dichlorobenzene	ND		1990	1140	57	1270	64	11	45-86/36
106-46-7	1,4-Dichlorobenzene	ND		1990	1160	58	1280	65	10	45-88/36

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F67545
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30114-MS	U013935.D	1	09/02/09	NAF	08/31/09	OP30114	SU673
OP30114-MSD	U013936.D	1	09/02/09	NAF	08/31/09	OP30114	SU673
F67531-2	U013934.D	1	09/02/09	NAF	08/31/09	OP30114	SU673

The QC reported here applies to the following samples: **Method:** SW846 8270C

F67545-1, F67545-2, F67545-3, F67545-4, F67545-5, F67545-6

CAS No.	Compound	F67531-2 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
121-14-2	2,4-Dinitrotoluene	ND		1990	1410	71	1480	75	5	59-103/30
606-20-2	2,6-Dinitrotoluene	ND		1990	1390	70	1460	74	5	57-99/30
91-94-1	3,3'-Dichlorobenzidine	ND		1990	1160	58	1180	60	2	34-88/31
53-70-3	Dibenzo(a,h)anthracene	ND		1990	1320	66	1380	70	4	57-105/29
132-64-9	Dibenzofuran	ND		1990	1390	70	1470	74	6	58-103/27
84-74-2	Di-n-butyl phthalate	ND		1990	1580	79	1620	82	3	59-105/27
117-84-0	Di-n-octyl phthalate	ND		1990	1650	83	1700	86	3	59-117/28
84-66-2	Diethyl phthalate	ND		1990	1570	79	1640	83	4	59-106/27
131-11-3	Dimethyl phthalate	ND		1990	1520	76	1580	80	4	60-100/26
117-81-7	bis(2-Ethylhexyl)phthalate	ND		1990	1530	77	1620	82	6	57-111/29
206-44-0	Fluoranthene	ND		1990	1560	78	1580	80	1	60-110/32
86-73-7	Fluorene	ND		1990	1490	75	1540	78	3	60-99/30
118-74-1	Hexachlorobenzene	ND		1990	1400	70	1470	74	5	58-103/27
87-68-3	Hexachlorobutadiene	ND		1990	1210	61	1340	68	10	49-95/33
77-47-4	Hexachlorocyclopentadiene	ND		1990	635	32*	835	42	27	36-94/41
67-72-1	Hexachloroethane	ND		1990	1140	57	1290	65	12	44-89/38
193-39-5	Indeno(1,2,3-cd)pyrene	ND		1990	1280	64	1360	69	6	57-104/33
78-59-1	Isophorone	ND		1990	1210	61	1290	65	6	58-97/30
91-57-6	2-Methylnaphthalene	ND		1990	1370	69	1490	75	8	57-103/32
88-74-4	2-Nitroaniline	ND		1990	1780	89	1870	94	5	53-106/29
99-09-2	3-Nitroaniline	ND		1990	1240	62	1310	66	5	29-85/31
100-01-6	4-Nitroaniline	ND		1990	1480	74	1550	78	5	49-104/31
91-20-3	Naphthalene	ND		1990	1250	63	1350	68	8	54-93/32
98-95-3	Nitrobenzene	ND		1990	1300	65	1410	71	8	53-92/32
621-64-7	N-Nitroso-di-n-propylamine	ND		1990	1350	68	1460	74	8	49-94/28
86-30-6	N-Nitrosodiphenylamine	ND		1990	1340	67	1400	71	4	53-107/28
85-01-8	Phenanthrene	ND		1990	1550	78	1600	81	3	61-103/32
129-00-0	Pyrene	ND		1990	1480	74	1560	79	5	58-109/33
120-82-1	1,2,4-Trichlorobenzene	ND		1990	1210	61	1310	66	8	52-93/32

CAS No.	Surrogate Recoveries	MS	MSD	F67531-2	Limits
367-12-4	2-Fluorophenol	68%	74%	72%	40-102%
4165-62-2	Phenol-d5	71%	78%	76%	41-100%
118-79-6	2,4,6-Tribromophenol	70%	74%	75%	42-108%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F67545
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30114-MS	U013935.D	1	09/02/09	NAF	08/31/09	OP30114	SU673
OP30114-MSD	U013936.D	1	09/02/09	NAF	08/31/09	OP30114	SU673
F67531-2	U013934.D	1	09/02/09	NAF	08/31/09	OP30114	SU673

The QC reported here applies to the following samples: **Method:** SW846 8270C

F67545-1, F67545-2, F67545-3, F67545-4, F67545-5, F67545-6

CAS No.	Surrogate Recoveries	MS	MSD	F67531-2	Limits
4165-60-0	Nitrobenzene-d5	65%	71%	71%	40-105%
321-60-8	2-Fluorobiphenyl	63%	68%	68%	43-107%
1718-51-0	Terphenyl-d14	66%	71%	70%	45-119%

GC Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F67545
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GUV2055-MB	UV035626.D	1	09/03/09	AH	n/a	n/a	GUV2055

The QC reported here applies to the following samples: **Method:** SW846 8015

F67545-1, F67545-2, F67545-4

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	5.0	2.5	mg/kg	

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	85%	56-136%
98-08-8	aaa-Trifluorotoluene	109%	61-121%

Method Blank Summary

Job Number: F67545
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GUV2056-MB	UV035655.D	1	09/04/09	AH	n/a	n/a	GUV2056

The QC reported here applies to the following samples: **Method:** SW846 8015

F67545-3, F67545-5, F67545-6

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	5.0	2.5	mg/kg	

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	87%	56-136%
98-08-8	aaa-Trifluorotoluene	108%	61-121%

Blank Spike Summary

Job Number: F67545
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GUV2055-BS	UV035625.D	1	09/03/09	AH	n/a	n/a	GUV2055

The QC reported here applies to the following samples: **Method:** SW846 8015

F67545-1, F67545-2, F67545-4

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH-GRO (C6-C10)	20	17.6	88	74-121

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	93%	56-136%
98-08-8	aaa-Trifluorotoluene	94%	61-121%

Blank Spike Summary

Job Number: F67545
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
GUV2056-BS	UV035654.D	1	09/04/09	AH	n/a	n/a	GUV2056

The QC reported here applies to the following samples: **Method:** SW846 8015

F67545-3, F67545-5, F67545-6

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH-GRO (C6-C10)	20	17.3	87	74-121

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	90%	56-136%
98-08-8	aaa-Trifluorotoluene	108%	61-121%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F67545
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F67545-1MS	UV035647.D	1	09/04/09	AH	n/a	n/a	GUV2055
F67545-1MSD	UV035648.D	1	09/04/09	AH	n/a	n/a	GUV2055
F67545-1	UV035635.D	1	09/03/09	AH	n/a	n/a	GUV2055

The QC reported here applies to the following samples: **Method:** SW846 8015

F67545-1, F67545-2, F67545-4

CAS No.	Compound	F67545-1 mg/kg	Q	Spike mg/kg	MS mg/kg	MS %	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	ND		32.3	33.4	103	35.0	108	5	74-121/17

CAS No.	Surrogate Recoveries	MS	MSD	F67545-1	Limits
460-00-4	4-Bromofluorobenzene	121%	111%	99%	56-136%
98-08-8	aaa-Trifluorotoluene	117%	112%	107%	61-121%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F67545
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
F67545-3MS	UV035661.D	1	09/04/09	AH	n/a	n/a	GUV2056
F67545-3MSD	UV035662.D	1	09/04/09	AH	n/a	n/a	GUV2056
F67545-3	UV035656.D	1	09/04/09	AH	n/a	n/a	GUV2056

The QC reported here applies to the following samples: **Method:** SW846 8015

F67545-3, F67545-5, F67545-6

CAS No.	Compound	F67545-3 mg/kg	Q	Spike mg/kg	MS mg/kg	MS %	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH-GRO (C6-C10)	67.7		50.2	115	94	118	100	3	74-121/17

CAS No.	Surrogate Recoveries	MS	MSD	F67545-3	Limits
460-00-4	4-Bromofluorobenzene	576%* [a]	706%* [a]	568%* [a]	56-136%
98-08-8	aaa-Trifluorotoluene	117%	113%	112%	61-121%

(a) Outside control limits due to matrix interference.

GC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: F67545
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30138-MB	LL27480.D	1	09/05/09	SL	09/02/09	OP30138	GLL1044

The QC reported here applies to the following samples: **Method:** SW846 8015 M

F67545-1, F67545-2, F67545-3, F67545-4, F67545-5, F67545-6

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	8.3	5.0	mg/kg	
	TPH (> C22-C36)	ND	8.3	5.0	mg/kg	

CAS No.	Surrogate Recoveries		Limits
84-15-1	o-Terphenyl	92%	49-108%

Method Blank Summary

Job Number: F67545
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30138-MB	LL27514.D	1	09/08/09	ME	09/02/09	OP30138	GLL1045

The QC reported here applies to the following samples: **Method:** SW846 8015 M

F67545-1, F67545-2, F67545-3, F67545-4, F67545-5, F67545-6

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	8.3	5.0	mg/kg	
	TPH (> C22-C36)	ND	8.3	5.0	mg/kg	

CAS No.	Surrogate Recoveries		Limits
84-15-1	o-Terphenyl	93%	49-108%

Blank Spike Summary

Job Number: F67545
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30138-BS	LL27479.D	1	09/05/09	SL	09/02/09	OP30138	GLL1044

The QC reported here applies to the following samples: **Method:** SW846 8015 M

F67545-1, F67545-2, F67545-3, F67545-4, F67545-5, F67545-6

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	Limits
	TPH (C10-C22)	33.3	28.7	86	64-102
	TPH (> C22-C36)	33.3	31.6	95	52-131

CAS No.	Surrogate Recoveries	BSP	Limits
84-15-1	o-Terphenyl	89%	49-108%

8.2.1

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Matrix Spike/Matrix Spike Duplicate Summary

Job Number: F67545
Account: NATVALB Nation View
Project: Holloman AFB; WPOL

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP30138-MS	LL27483.D	1	09/05/09	SL	09/02/09	OP30138	GLL1044
OP30138-MSD	LL27484.D	1	09/05/09	SL	09/02/09	OP30138	GLL1044
F67531-10	LL27482.D	1	09/05/09	SL	09/02/09	OP30138	GLL1044

The QC reported here applies to the following samples: **Method:** SW846 8015 M

F67545-1, F67545-2, F67545-3, F67545-4, F67545-5, F67545-6

CAS No.	Compound	F67531-10 mg/kg	Q	Spike mg/kg	MS mg/kg	MS %	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH (C10-C22)	ND		40	31.1	78	32.4	79	4	64-102/32
	TPH (> C22-C36)	ND		40	37.3	93	39.6	96	6	52-131/30

CAS No.	Surrogate Recoveries	MS	MSD	F67531-10	Limits
84-15-1	o-Terphenyl	85%	85%	79%	49-108%

8.3.1

8

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Certification Exceptions
- Chain of Custody

NATIONVIEW

F71886

Chain of Custody and Analytical Request

Page: of

Project No: 8090012.02.01

COC Number(1): 03052010

LIMS Number:

Facility/Base I.D.: Holloman Air Force Base

Project/Site Name: WPOL

Client Name: USACE

Collected by: T Lucero

	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	8260 VOC'S + HEXANE	8270 SVOC'S	8015 ORO,DRO	8015 GRO	PERCENT MOISTURE				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	WPOL-SW 1 - 8'	WPOL-SW 1 - 8'	05032010	1000	8 - 8	N	1	SO	4	☒	☒	☒	☒	☒							1
2	WPOL-SW 2 - 8'	WPOL-SW 2 - 8'	05032010	1015	8 - 8	N	1	SO	4	☒	☒	☒	☒	☒							1
3	WPOL-SW 3 - 8'	WPOL-SW 3 - 8'	05032010	1030	8 - 8	N	1	SO	4	☒	☒	☒	☒	☒							1
4	WPOL-SW 4 - 8'	WPOL-SW 4 - 8'	05032010	1045	8 - 8	N	1	SO	4	☒	☒	☒	☒	☒							1
5	WPOL-SW 5 - 8'	WPOL-SW 5 - 8'	05032010	1100	8 - 8	N	1	SO	4	☒	☒	☒	☒	☒							1
6	WPOL-SW 6 - 8'	WPOL-SW 6 - 8'	05032010	1115	8 - 8	N	1	SO	4	☒	☒	☒	☒	☒							1
7	WPOL-SW 7 - 8'	WPOL-SW 7 - 8'	05032010	1130	8 - 8	N	1	SO	4	☒	☒	☒	☒	☒							1
8	WPOL-SW 8 - 8'	WPOL-SW 8 - 8'	05032010	1145	8 - 8	N	1	SO	4	☒	☒	☒	☒	☒							1
9	WPOL-Bottom 1- 9.5	WPOL-Bottom 1- 9.5	05032010	1200	9.5 - 9.5	N	1	SO	4	☒	☒	☒	☒	☒							1
10	TRIP BLANK	FIELD QC	05032010	1000	-	TB	1	AQ	1	☒											

COMMENTS:

Email resultsto : rrenvironmental@zianet.com , tlucero@nationview.net , molive@bhate.com , ywatts@bhate.com

Custody Transfers Prior to Receipt by Laboratory

	Relinquished By (Signed)	Date	Time		Received by (signed)	Date	Time
1.	Tony Lucero	3052010	1600	1.	[illegible]	03.06.00	0930
2.				2.			
3.				3.			

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab: Shipped No.:

Method of Shipment: Fed Ex Airbill Number: 793327226452

Analytical Lab: Accutest Delivery Location: Orlando FL

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

3.4

4.1

4

F71886: Chain of Custody

Page 1 of 2

ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: F71886 CLIENT: Nationview PROJECT: WPOL

DATE/TIME RECEIVED: 03.06.10 0930 {MM/DD/YY 24:00} NUMBER OF COOLERS RECEIVED: 1

METHOD OF DELIVERY: (FEDEX) UPS ACCUTEST COURIER GREYHOUND DELIVERY OTHER

AIRBILL NUMBERS: 7640 1153 7121

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
- [ ] WET ICE PRESENT

TRIP BLANK INFORMATION

- [x] TRIP BLANK PROVIDED
- [ ] TRIP BLANK NOT PROVIDED
- [ ] TRIP BLANK NOT ON COC
- [x] TRIP BLANK INTACT
- [ ] TRIP BLANK NOT INTACT
- [ ] RECEIVED WATER TRIP BLANK
- [x] RECEIVED SOIL TRIP BLANK

MISC. INFORMATION

NUMBER OF ENCORES ? 27

NUMBER OF 5035 FIELD KITS ? TB

NUMBER OR LAB FILTERED METALS ? Ø

TEMPERATURE INFORMATION

- [ ] IR THERM ID 3 CORR. FACTOR Ø
- [ ] OBSERVED TEMPS: 3.4
- [ ] CORRECTED TEMPS: 3.4

SAMPLE INFORMATION

- [ ] SAMPLE LABELS PRESENT ON ALL BOTTLES
- [ ] INCORRECT NUMBER OF CONTAINERS USED
- [ ] SAMPLE RECEIVED IMPROPERLY PRESERVED
- [ ] INSUFFICIENT VOLUME FOR ANALYSIS
- [ ] DATES/TIMES ON COC DO NOT MATCH SAMPLE LABEL
- [ ] ID'S ON COC DO NOT MATCH LABEL
- [ ] VOC VIALS HAVE HEADSPACE (MACRO BUBBLES)
- [ ] BOTTLES RECEIVED BUT ANALYSIS NOT REQUESTED
- [ ] NO BOTTLES RECEIVED FOR ANALYSIS REQUESTED
- [ ] UNCLEAR FILTERING OR COMPOSITING INSTRUCTIONS
- [ ] SAMPLE CONTAINER(S) RECEIVED BROKEN
- [ ] % SOLIDS JAR NOT RECEIVED
- [ ] 5035 FIELD KIT FROZEN WITHIN 48 HOUR'S
- [ ] RESIDUAL CHLORINE PRESENT

{APPICABLE TO EPA 600 SERIES OR NORTH CAROLINA ORGANICS}

SUMMARY OF COMMENTS:

TECHNICIAN SIGNATURE/DATE ET 03.06.10 REVIEWER SIGNATURE/DATE 07-06-10

NF 10/09 RECEIPT CONFIRMATION 100609 (2).xls

4.1

4

F71886: Chain of Custody
Page 2 of 2

Southeast ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

03/26/10

Technical Report for

Nation View

Holloman AFB; WPOL

8090012.02.01

Accutest Job Number: F71886

Sampling Date: 03/05/10

Report to:

Bhate Environmental Associates, Inc.

zbeck@bhate.com

ATTN: Zack Beck

Total number of pages in report: **84**

ACCREDITED IN ACCORDANCE WITH nelac

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

ACCUTEST LABORATORIES 50 YEARS 1956-2006

Client Service contact: Jean Dent-Smith 407-425-6700

Certifications: FL (DOH E83510), NC (573), NJ (FL002), MA (FL946), IA (366), LA (03051), KS (E-10327), SC, AK

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Test results relate only to samples analyzed.

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Sample Summary

Nation View

Job No: F71886

Holloman AFB; WPOL
Project No: 8090012.02.01

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
F71886-1	03/05/10	10:00	TL	03/06/10	SO	Soil	WPOL-SW 1-8'
F71886-2	03/05/10	10:15	TL	03/06/10	SO	Soil	WPOL-SW 2-8'
F71886-3	03/05/10	10:30	TL	03/06/10	SO	Soil	WPOL-SW 3-8'
F71886-4	03/05/10	10:45	TL	03/06/10	SO	Soil	WPOL-SW 4-8'
F71886-5	03/05/10	11:00	TL	03/06/10	SO	Soil	WPOL-SW 5-8'
F71886-6	03/05/10	11:15	TL	03/06/10	SO	Soil	WPOL-SW 6-8'
F71886-7	03/05/10	11:30	TL	03/06/10	SO	Soil	WPOL-SW 7-8'
F71886-8	03/05/10	11:45	TL	03/06/10	SO	Soil	WPOL-SW 8-8'
F71886-9	03/05/10	12:00	TL	03/06/10	SO	Soil	WPOL-BOTTOM 1-9.5
F71886-10	03/05/10	10:00	TL	03/06/10	SO	Trip Blank Soil	TRIP BLANK

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

SAMPLE DELIVERY GROUP CASE NARRATIVE

Client: Nation View **Job No:** F71886

Site: Holloman AFB; WPOL **Report Date** 3/26/2010 1:28:15 PM

9 Samples, 1 Trip Blank were collected on 03/05/2010 and received at Accutest on 03/06/2010 properly preserved, at 3.4 Deg. C and intact. These Samples received an Accutest job number of F71886. 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.

Volatiles by GCMS By Method SW846 8260B

Matrix: SO **Batch ID:** VG2383

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Sample(s) F71788-6MS, F71788-6MSD were used as the QC samples indicated.

Blank Spike Recovery(s) for Ethyl methacrylate, Trans-1,4-Dichloro-2-Butene are outside control limits. Ethyl Methacrylate data considered minimum values.

Matrix Spike Recovery(s) for 1,2,3-Trichloropropane, 2-Chloroethyl vinyl ether, 2-Hexanone, 4-Methyl-2-pentanone, Acetonitrile, Benzyl Chloride, Bromoform, Dibromochloromethane, Ethyl methacrylate, Trans-1,4-Dichloro-2-Butene are outside control limits. Probable cause due to matrix interference.

Matrix Spike Duplicate Recovery(s) for 1,2,3-Trichloropropane, Benzyl Chloride, Dibromochloromethane, Ethyl methacrylate, Trans-1,4-Dichloro-2-Butene are outside control limits. Probable cause due to matrix interference. See Blank Spike.

Extractables by GCMS By Method SW846 8270C

Matrix: SO **Batch ID:** OP32117

All samples were extracted within the recommended method holding time.

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Sample(s) F71886-6MS, F71886-6MSD were used as the QC samples indicated.

Blank Spike Recovery(s) for Isophorone are outside control limits.

Matrix Spike Recovery(s) for Benzoic acid are outside control limits. Probable cause due to matrix interference.

Matrix Spike Duplicate Recovery(s) for Benzoic acid, Isophorone are outside control limits. Probable cause due to matrix interference.

OP32117-BS for Isophorone: Sporadic marginal failure.

Volatiles by GC By Method SW846 8015

Matrix: SO **Batch ID:** GQR2292

All samples were analyzed within the recommended method holding time.

Sample(s) F71883-1DUP, F71883-1MS, F71883-1MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

RPD(s) for Duplicate for TPH-GRO (C6-C10) are outside control limits for sample F71883-1DUP. Probable cause due to sample homogeneity.

Matrix: SO **Batch ID:** GQR2294

All samples were analyzed within the recommended method holding time.

Sample(s) F71920-1MS, F71920-1MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

Extractables by GC By Method SW846 8015 M

Matrix: SO **Batch ID:** OP32128

All samples were extracted within the recommended method holding time.

All samples were analyzed within the recommended method holding time.

Sample(s) F71920-2MS, F71920-2MSD were used as the QC samples indicated.

All method blanks for this batch meet method specific criteria.

MS/MSD Recovery(s) for TPH (C10-C22) are outside control limits. Probable cause due to matrix interference.

Wet Chemistry By Method SM19 2540B M

Matrix: SO **Batch ID:** GN38880

Sample(s) F71881-1DUP were used as the QC samples for Solids, 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: March 26, 2010

Svetlana Izosimova, QA Officer (signature on file)

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	WPOL-SW 1-8'		
Lab Sample ID:	F71886-1	**Date Sampled:**	03/05/10
Matrix:	SO - Soil	**Date Received:**	03/06/10
Method:	SW846 8260B SW846 5035	**Percent Solids:**	81.8
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G0063005.D	1	03/08/10	MM	03/06/10 14:10	n/a	VG2383
Run #2							

	Initial Weight
Run #1	4.58 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	67	28	ug/kg	
75-05-8	Acetonitrile	ND	67	38	ug/kg	
107-02-8	Acrolein	ND	33	13	ug/kg	
107-13-1	Acrylonitrile	ND	33	13	ug/kg	
107-05-1	Allyl chloride	ND	33	6.7	ug/kg	
71-43-2	Benzene	ND	6.7	1.3	ug/kg	
100-44-7	Benzyl Chloride	ND	6.7	2.7	ug/kg	
108-86-1	Bromobenzene	ND	6.7	1.6	ug/kg	
74-97-5	Bromochloromethane	ND	6.7	2.3	ug/kg	
75-27-4	Bromodichloromethane	ND	6.7	1.3	ug/kg	
75-25-2	Bromoform	ND	6.7	2.4	ug/kg	
104-51-8	n-Butylbenzene	ND	6.7	1.7	ug/kg	
135-98-8	sec-Butylbenzene	ND	6.7	1.6	ug/kg	
98-06-6	tert-Butylbenzene	ND	6.7	1.6	ug/kg	
108-90-7	Chlorobenzene	ND	6.7	1.3	ug/kg	
75-00-3	Chloroethane	ND	6.7	2.7	ug/kg	
67-66-3	Chloroform	ND	6.7	1.3	ug/kg	
544-10-5	1-Chlorohexane	ND	6.7	1.7	ug/kg	
95-49-8	o-Chlorotoluene	ND	6.7	1.7	ug/kg	
106-43-4	p-Chlorotoluene	ND	6.7	1.3	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	33	13	ug/kg	
75-15-0	Carbon disulfide	ND	6.7	3.2	ug/kg	
56-23-5	Carbon tetrachloride	ND	6.7	2.1	ug/kg	
75-34-3	1,1-Dichloroethane	ND	6.7	2.0	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	6.7	3.1	ug/kg	
563-58-6	1,1-Dichloropropene	ND	6.7	1.3	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	6.7	3.3	ug/kg	
106-93-4	1,2-Dibromoethane	ND	6.7	1.3	ug/kg	
107-06-2	1,2-Dichloroethane	ND	6.7	1.6	ug/kg	
78-87-5	1,2-Dichloropropane	ND	6.7	1.3	ug/kg	
142-28-9	1,3-Dichloropropane	ND	6.7	2.3	ug/kg	
594-20-7	2,2-Dichloropropane	ND	6.7	1.5	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SW 1-8'		
Lab Sample ID:	F71886-1	**Date Sampled:**	03/05/10
Matrix:	SO - Soil	**Date Received:**	03/06/10
Method:	SW846 8260B SW846 5035	**Percent Solids:**	81.8
Project:	Holloman AFB; WPOL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	6.7	2.3	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.7	2.8	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	6.7	1.3	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	6.7	1.3	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	33	6.7	ug/kg	
541-73-1	m-Dichlorobenzene	ND	6.7	1.6	ug/kg	
95-50-1	o-Dichlorobenzene	ND	6.7	1.5	ug/kg	
106-46-7	p-Dichlorobenzene	ND	6.7	2.0	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	6.7	2.5	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	6.7	1.5	ug/kg	
100-41-4	Ethylbenzene	ND	6.7	1.5	ug/kg	
97-63-2	Ethyl methacrylate	ND	33	6.7	ug/kg	
76-13-1	Freon 113	ND	6.7	3.5	ug/kg	
591-78-6	2-Hexanone	ND	33	16	ug/kg	
87-68-3	Hexachlorobutadiene	ND	6.7	3.1	ug/kg	
110-54-3	Hexane	ND	6.7	2.7	ug/kg	
98-82-8	Isopropylbenzene	ND	6.7	1.9	ug/kg	
99-87-6	p-Isopropyltoluene	ND	6.7	1.3	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	33	11	ug/kg	
126-98-7	Methacrylonitrile	ND	33	14	ug/kg	
74-83-9	Methyl bromide	ND	6.7	2.7	ug/kg	
74-87-3	Methyl chloride	ND	6.7	3.3	ug/kg	
74-88-4	Methyl iodide	ND	13	3.2	ug/kg	
80-62-6	Methyl methacrylate	ND	6.7	3.3	ug/kg	
74-95-3	Methylene bromide	ND	6.7	2.8	ug/kg	
75-09-2	Methylene chloride	ND	13	6.7	ug/kg	
78-93-3	Methyl ethyl ketone	ND	33	10	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	6.7	3.1	ug/kg	
91-20-3	Naphthalene	ND	6.7	2.7	ug/kg	
76-01-7	Pentachloroethane	ND	33	6.7	ug/kg	
107-12-0	Propionitrile	ND	67	27	ug/kg	
103-65-1	n-Propylbenzene	ND	6.7	2.0	ug/kg	
100-42-5	Styrene	ND	6.7	1.3	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	6.7	1.3	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	6.7	2.4	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6.7	1.7	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	6.7	1.7	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.7	2.7	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	6.7	2.1	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.7	2.7	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SW 1-8'		
Lab Sample ID:	F71886-1	**Date Sampled:**	03/05/10
Matrix:	SO - Soil	**Date Received:**	03/06/10
Method:	SW846 8260B SW846 5035	**Percent Solids:**	81.8
Project:	Holloman AFB; WPOL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	6.7	1.5	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	6.7	2.0	ug/kg	
127-18-4	Tetrachloroethylene	ND	6.7	2.4	ug/kg	
108-88-3	Toluene	ND	6.7	1.6	ug/kg	
79-01-6	Trichloroethylene	ND	6.7	2.1	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.7	3.5	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	33	6.7	ug/kg	
75-01-4	Vinyl chloride	ND	6.7	2.7	ug/kg	
108-05-4	Vinyl Acetate	ND	33	20	ug/kg	
	m,p-Xylene	ND	13	1.6	ug/kg	
95-47-6	o-Xylene	ND	6.7	1.3	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		80-121%
2037-26-5	Toluene-D8	94%		71-130%
460-00-4	4-Bromofluorobenzene	97%		59-148%
17060-07-0	1,2-Dichloroethane-D4	96%		77-123%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SW 1-8'		
Lab Sample ID:	F71886-1	**Date Sampled:**	03/05/10
Matrix:	SO - Soil	**Date Received:**	03/06/10
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	81.8
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X010216.D	1	03/12/10	NAF	03/10/10	OP32117	SX531
Run #2							

	Initial Weight	Final Volume
Run #1	30.3 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1000	400	ug/kg	
95-57-8	2-Chlorophenol	ND	200	40	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	200	40	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	200	40	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	200	44	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1000	400	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	400	40	ug/kg	
95-48-7	2-Methylphenol	ND	200	40	ug/kg	
	3&4-Methylphenol	ND	200	40	ug/kg	
88-75-5	2-Nitrophenol	ND	200	40	ug/kg	
100-02-7	4-Nitrophenol	ND	1000	400	ug/kg	
87-86-5	Pentachlorophenol	ND	1000	400	ug/kg	
108-95-2	Phenol	ND	200	40	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	200	40	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	200	40	ug/kg	
83-32-9	Acenaphthene	ND	200	40	ug/kg	
208-96-8	Acenaphthylene	ND	200	40	ug/kg	
120-12-7	Anthracene	ND	200	40	ug/kg	
92-87-5	Benzidine	ND	2000	850	ug/kg	
56-55-3	Benzo(a)anthracene	ND	200	40	ug/kg	
50-32-8	Benzo(a)pyrene	ND	200	40	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	200	40	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	200	40	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	200	40	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	200	40	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	400	81	ug/kg	
100-51-6	Benzyl Alcohol	ND	200	40	ug/kg	
91-58-7	2-Chloronaphthalene	ND	200	40	ug/kg	
106-47-8	4-Chloroaniline	ND	200	40	ug/kg	
218-01-9	Chrysene	ND	200	40	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	200	40	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	200	40	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SW 1-8'		
Lab Sample ID:	F71886-1	**Date Sampled:**	03/05/10
Matrix:	SO - Soil	**Date Received:**	03/06/10
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	81.8
Project:	Holloman AFB; WPOL		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	200	40	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	200	40	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	200	81	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	200	81	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	200	81	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	200	40	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	200	40	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	400	81	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	200	40	ug/kg	
132-64-9	Dibenzofuran	ND	200	40	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	400	81	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	400	81	ug/kg	
84-66-2	Diethyl phthalate	ND	400	200	ug/kg	
131-11-3	Dimethyl phthalate	ND	400	81	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	400	200	ug/kg	
206-44-0	Fluoranthene	ND	200	40	ug/kg	
86-73-7	Fluorene	ND	200	40	ug/kg	
118-74-1	Hexachlorobenzene	ND	200	40	ug/kg	
87-68-3	Hexachlorobutadiene	ND	200	40	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	200	40	ug/kg	
67-72-1	Hexachloroethane	ND	200	100	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	200	40	ug/kg	
78-59-1	Isophorone	ND	200	40	ug/kg	
91-57-6	2-Methylnaphthalene	ND	200	40	ug/kg	
88-74-4	2-Nitroaniline	ND	400	81	ug/kg	
99-09-2	3-Nitroaniline	ND	400	81	ug/kg	
100-01-6	4-Nitroaniline	ND	400	81	ug/kg	
91-20-3	Naphthalene	ND	200	40	ug/kg	
98-95-3	Nitrobenzene	ND	200	40	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	200	40	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	200	40	ug/kg	
85-01-8	Phenanthrene	ND	200	40	ug/kg	
129-00-0	Pyrene	ND	200	40	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	200	40	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	85%		40-102%
4165-62-2	Phenol-d5	90%		41-100%
118-79-6	2,4,6-Tribromophenol	93%		42-108%

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Report of Analysis

Client Sample ID:	WPOL-SW 1-8'		
Lab Sample ID:	F71886-1	**Date Sampled:**	03/05/10
Matrix:	SO - Soil	**Date Received:**	03/06/10
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	81.8
Project:	Holloman AFB; WPOL		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	80%		40-105%
321-60-8	2-Fluorobiphenyl	74%		43-107%
1718-51-0	Terphenyl-d14	105%		45-119%

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RL = Reporting Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SW 1-8'		
Lab Sample ID:	F71886-1	**Date Sampled:**	03/05/10
Matrix:	SO - Soil	**Date Received:**	03/06/10
Method:	SW846 8015 SW846 5035	**Percent Solids:**	81.8
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	QR053033.D	1	03/08/10	AH	03/06/10 14:10	n/a	GQR2292
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.48 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	6.7	3.3	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	88%		56-136%
98-08-8	aaa-Trifluorotoluene	72%		61-121%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SW 1-8'		
Lab Sample ID:	F71886-1	**Date Sampled:**	03/05/10
Matrix:	SO - Soil	**Date Received:**	03/06/10
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	81.8
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LL29544.D	1	03/17/10	ME	03/11/10	OP32128	GLL1127
Run #2							

	Initial Weight	Final Volume
Run #1	30.0 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	10	6.1	mg/kg	
	TPH (> C22-C36)	ND	10	6.1	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	79%		49-108%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SW 2-8'		
Lab Sample ID:	F71886-2	**Date Sampled:**	03/05/10
Matrix:	SO - Soil	**Date Received:**	03/06/10
Method:	SW846 8260B SW846 5035	**Percent Solids:**	82.5
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G0063006.D	1	03/08/10	MM	03/06/10 14:10	n/a	VG2383
Run #2							

	Initial Weight
Run #1	5.19 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	58	25	ug/kg	
75-05-8	Acetonitrile	ND	58	33	ug/kg	
107-02-8	Acrolein	ND	29	12	ug/kg	
107-13-1	Acrylonitrile	ND	29	12	ug/kg	
107-05-1	Allyl chloride	ND	29	5.8	ug/kg	
71-43-2	Benzene	ND	5.8	1.2	ug/kg	
100-44-7	Benzyl Chloride	ND	5.8	2.3	ug/kg	
108-86-1	Bromobenzene	ND	5.8	1.4	ug/kg	
74-97-5	Bromochloromethane	ND	5.8	2.0	ug/kg	
75-27-4	Bromodichloromethane	ND	5.8	1.2	ug/kg	
75-25-2	Bromoform	ND	5.8	2.1	ug/kg	
104-51-8	n-Butylbenzene	ND	5.8	1.5	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.8	1.4	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.8	1.4	ug/kg	
108-90-7	Chlorobenzene	ND	5.8	1.2	ug/kg	
75-00-3	Chloroethane	ND	5.8	2.3	ug/kg	
67-66-3	Chloroform	ND	5.8	1.2	ug/kg	
544-10-5	1-Chlorohexane	ND	5.8	1.5	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.8	1.5	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.8	1.2	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	29	12	ug/kg	
75-15-0	Carbon disulfide	ND	5.8	2.8	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.8	1.9	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.8	1.8	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	5.8	2.7	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.8	1.2	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.8	2.9	ug/kg	
106-93-4	1,2-Dibromoethane	ND	5.8	1.2	ug/kg	
107-06-2	1,2-Dichloroethane	ND	5.8	1.4	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.8	1.2	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.8	2.0	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.8	1.3	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SW 2-8'		
Lab Sample ID:	F71886-2	**Date Sampled:**	03/05/10
Matrix:	SO - Soil	**Date Received:**	03/06/10
Method:	SW846 8260B SW846 5035	**Percent Solids:**	82.5
Project:	Holloman AFB; WPOL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	5.8	2.0	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.8	2.5	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	5.8	1.2	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.8	1.2	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	29	5.8	ug/kg	
541-73-1	m-Dichlorobenzene	ND	5.8	1.4	ug/kg	
95-50-1	o-Dichlorobenzene	ND	5.8	1.3	ug/kg	
106-46-7	p-Dichlorobenzene	ND	5.8	1.8	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	5.8	2.2	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.8	1.3	ug/kg	
100-41-4	Ethylbenzene	ND	5.8	1.3	ug/kg	
97-63-2	Ethyl methacrylate	ND	29	5.8	ug/kg	
76-13-1	Freon 113	ND	5.8	3.0	ug/kg	
591-78-6	2-Hexanone	ND	29	14	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.8	2.7	ug/kg	
110-54-3	Hexane	ND	5.8	2.3	ug/kg	
98-82-8	Isopropylbenzene	ND	5.8	1.6	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.8	1.2	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	29	9.7	ug/kg	
126-98-7	Methacrylonitrile	ND	29	12	ug/kg	
74-83-9	Methyl bromide	ND	5.8	2.3	ug/kg	
74-87-3	Methyl chloride	ND	5.8	2.9	ug/kg	
74-88-4	Methyl iodide	ND	12	2.8	ug/kg	
80-62-6	Methyl methacrylate	ND	5.8	2.9	ug/kg	
74-95-3	Methylene bromide	ND	5.8	2.5	ug/kg	
75-09-2	Methylene chloride	ND	12	5.8	ug/kg	
78-93-3	Methyl ethyl ketone	ND	29	8.8	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.8	2.7	ug/kg	
91-20-3	Naphthalene	ND	5.8	2.3	ug/kg	
76-01-7	Pentachloroethane	ND	29	5.8	ug/kg	
107-12-0	Propionitrile	ND	58	23	ug/kg	
103-65-1	n-Propylbenzene	ND	5.8	1.8	ug/kg	
100-42-5	Styrene	ND	5.8	1.2	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.8	1.2	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.8	2.1	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.8	1.5	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.8	1.5	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.8	2.3	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.8	1.9	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.8	2.3	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SW 2-8'		
Lab Sample ID:	F71886-2	**Date Sampled:**	03/05/10
Matrix:	SO - Soil	**Date Received:**	03/06/10
Method:	SW846 8260B SW846 5035	**Percent Solids:**	82.5
Project:	Holloman AFB; WPOL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	5.8	1.3	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.8	1.8	ug/kg	
127-18-4	Tetrachloroethylene	ND	5.8	2.1	ug/kg	
108-88-3	Toluene	ND	5.8	1.4	ug/kg	
79-01-6	Trichloroethylene	ND	5.8	1.9	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.8	3.0	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	29	5.8	ug/kg	
75-01-4	Vinyl chloride	ND	5.8	2.3	ug/kg	
108-05-4	Vinyl Acetate	ND	29	18	ug/kg	
	m,p-Xylene	ND	12	1.4	ug/kg	
95-47-6	o-Xylene	ND	5.8	1.2	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		80-121%
2037-26-5	Toluene-D8	92%		71-130%
460-00-4	4-Bromofluorobenzene	98%		59-148%
17060-07-0	1,2-Dichloroethane-D4	99%		77-123%

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Report of Analysis

Client Sample ID:	WPOL-SW 2-8'		
Lab Sample ID:	F71886-2	**Date Sampled:**	03/05/10
Matrix:	SO - Soil	**Date Received:**	03/06/10
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	82.5
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X010217.D	1	03/12/10	NAF	03/10/10	OP32117	SX531
Run #2							

	Initial Weight	Final Volume
Run #1	30.6 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	990	400	ug/kg	
95-57-8	2-Chlorophenol	ND	200	40	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	200	40	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	200	40	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	200	44	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	990	400	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	400	40	ug/kg	
95-48-7	2-Methylphenol	ND	200	40	ug/kg	
	3&4-Methylphenol	ND	200	40	ug/kg	
88-75-5	2-Nitrophenol	ND	200	40	ug/kg	
100-02-7	4-Nitrophenol	ND	990	400	ug/kg	
87-86-5	Pentachlorophenol	ND	990	400	ug/kg	
108-95-2	Phenol	ND	200	40	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	200	40	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	200	40	ug/kg	
83-32-9	Acenaphthene	ND	200	40	ug/kg	
208-96-8	Acenaphthylene	ND	200	40	ug/kg	
120-12-7	Anthracene	ND	200	40	ug/kg	
92-87-5	Benzidine	ND	2000	830	ug/kg	
56-55-3	Benzo(a)anthracene	ND	200	40	ug/kg	
50-32-8	Benzo(a)pyrene	ND	200	40	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	200	40	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	200	40	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	200	40	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	200	40	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	400	79	ug/kg	
100-51-6	Benzyl Alcohol	ND	200	40	ug/kg	
91-58-7	2-Chloronaphthalene	ND	200	40	ug/kg	
106-47-8	4-Chloroaniline	ND	200	40	ug/kg	
218-01-9	Chrysene	ND	200	40	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	200	40	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	200	40	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SW 2-8'		
Lab Sample ID:	F71886-2	**Date Sampled:**	03/05/10
Matrix:	SO - Soil	**Date Received:**	03/06/10
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	82.5
Project:	Holloman AFB; WPOL		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	200	40	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	200	40	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	200	79	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	200	79	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	200	79	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	200	40	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	200	40	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	400	79	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	200	40	ug/kg	
132-64-9	Dibenzofuran	ND	200	40	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	400	79	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	400	79	ug/kg	
84-66-2	Diethyl phthalate	ND	400	200	ug/kg	
131-11-3	Dimethyl phthalate	ND	400	79	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	400	200	ug/kg	
206-44-0	Fluoranthene	ND	200	40	ug/kg	
86-73-7	Fluorene	ND	200	40	ug/kg	
118-74-1	Hexachlorobenzene	ND	200	40	ug/kg	
87-68-3	Hexachlorobutadiene	ND	200	40	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	200	40	ug/kg	
67-72-1	Hexachloroethane	ND	200	99	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	200	40	ug/kg	
78-59-1	Isophorone	ND	200	40	ug/kg	
91-57-6	2-Methylnaphthalene	ND	200	40	ug/kg	
88-74-4	2-Nitroaniline	ND	400	79	ug/kg	
99-09-2	3-Nitroaniline	ND	400	79	ug/kg	
100-01-6	4-Nitroaniline	ND	400	79	ug/kg	
91-20-3	Naphthalene	ND	200	40	ug/kg	
98-95-3	Nitrobenzene	ND	200	40	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	200	40	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	200	40	ug/kg	
85-01-8	Phenanthrene	ND	200	40	ug/kg	
129-00-0	Pyrene	ND	200	40	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	200	40	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	73%		40-102%
4165-62-2	Phenol-d5	77%		41-100%
118-79-6	2,4,6-Tribromophenol	83%		42-108%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SW 2-8'		
Lab Sample ID:	F71886-2	**Date Sampled:**	03/05/10
Matrix:	SO - Soil	**Date Received:**	03/06/10
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	82.5
Project:	Holloman AFB; WPOL		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	76%		40-105%
321-60-8	2-Fluorobiphenyl	77%		43-107%
1718-51-0	Terphenyl-d14	89%		45-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SW 2-8'		
Lab Sample ID:	F71886-2	**Date Sampled:**	03/05/10
Matrix:	SO - Soil	**Date Received:**	03/06/10
Method:	SW846 8015 SW846 5035	**Percent Solids:**	82.5
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	QR053034.D	1	03/08/10	AH	03/06/10 14:10	n/a	GQR2292
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.60 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	6.5	3.2	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	89%		56-136%
98-08-8	aaa-Trifluorotoluene	72%		61-121%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SW 2-8'		
Lab Sample ID:	F71886-2	**Date Sampled:**	03/05/10
Matrix:	SO - Soil	**Date Received:**	03/06/10
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	82.5
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LL29545.D	1	03/17/10	ME	03/11/10	OP32128	GLL1127
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	10	6.0	mg/kg	
	TPH (> C22-C36)	ND	10	6.0	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	77%		49-108%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SW 3-8'		
Lab Sample ID:	F71886-3	**Date Sampled:**	03/05/10
Matrix:	SO - Soil	**Date Received:**	03/06/10
Method:	SW846 8260B SW846 5035	**Percent Solids:**	82.3
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G0063007.D	1	03/08/10	MM	03/06/10 14:10	n/a	VG2383
Run #2							

	Initial Weight
Run #1	5.57 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	55	23	ug/kg	
75-05-8	Acetonitrile	ND	55	31	ug/kg	
107-02-8	Acrolein	ND	27	11	ug/kg	
107-13-1	Acrylonitrile	ND	27	11	ug/kg	
107-05-1	Allyl chloride	ND	27	5.5	ug/kg	
71-43-2	Benzene	ND	5.5	1.1	ug/kg	
100-44-7	Benzyl Chloride	ND	5.5	2.2	ug/kg	
108-86-1	Bromobenzene	ND	5.5	1.3	ug/kg	
74-97-5	Bromochloromethane	ND	5.5	1.9	ug/kg	
75-27-4	Bromodichloromethane	ND	5.5	1.1	ug/kg	
75-25-2	Bromoform	ND	5.5	2.0	ug/kg	
104-51-8	n-Butylbenzene	ND	5.5	1.4	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.5	1.3	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.5	1.3	ug/kg	
108-90-7	Chlorobenzene	ND	5.5	1.1	ug/kg	
75-00-3	Chloroethane	ND	5.5	2.2	ug/kg	
67-66-3	Chloroform	ND	5.5	1.1	ug/kg	
544-10-5	1-Chlorohexane	ND	5.5	1.4	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.5	1.4	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.5	1.1	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	27	11	ug/kg	
75-15-0	Carbon disulfide	ND	5.5	2.6	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.5	1.7	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.5	1.6	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	5.5	2.5	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.5	1.1	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.5	2.7	ug/kg	
106-93-4	1,2-Dibromoethane	ND	5.5	1.1	ug/kg	
107-06-2	1,2-Dichloroethane	ND	5.5	1.3	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.5	1.1	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.5	1.9	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.5	1.2	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SW 3-8'		
Lab Sample ID:	F71886-3	**Date Sampled:**	03/05/10
Matrix:	SO - Soil	**Date Received:**	03/06/10
Method:	SW846 8260B SW846 5035	**Percent Solids:**	82.3
Project:	Holloman AFB; WPOL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	5.5	1.9	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.5	2.3	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	5.5	1.1	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.5	1.1	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	27	5.5	ug/kg	
541-73-1	m-Dichlorobenzene	ND	5.5	1.3	ug/kg	
95-50-1	o-Dichlorobenzene	ND	5.5	1.2	ug/kg	
106-46-7	p-Dichlorobenzene	ND	5.5	1.6	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	5.5	2.1	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.5	1.2	ug/kg	
100-41-4	Ethylbenzene	ND	5.5	1.2	ug/kg	
97-63-2	Ethyl methacrylate	ND	27	5.5	ug/kg	
76-13-1	Freon 113	ND	5.5	2.8	ug/kg	
591-78-6	2-Hexanone	ND	27	13	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.5	2.5	ug/kg	
110-54-3	Hexane	ND	5.5	2.2	ug/kg	
98-82-8	Isopropylbenzene	ND	5.5	1.5	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.5	1.1	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	27	9.1	ug/kg	
126-98-7	Methacrylonitrile	ND	27	11	ug/kg	
74-83-9	Methyl bromide	ND	5.5	2.2	ug/kg	
74-87-3	Methyl chloride	ND	5.5	2.7	ug/kg	
74-88-4	Methyl iodide	ND	11	2.6	ug/kg	
80-62-6	Methyl methacrylate	ND	5.5	2.7	ug/kg	
74-95-3	Methylene bromide	ND	5.5	2.3	ug/kg	
75-09-2	Methylene chloride	ND	11	5.5	ug/kg	
78-93-3	Methyl ethyl ketone	ND	27	8.2	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.5	2.5	ug/kg	
91-20-3	Naphthalene	ND	5.5	2.2	ug/kg	
76-01-7	Pentachloroethane	ND	27	5.5	ug/kg	
107-12-0	Propionitrile	ND	55	22	ug/kg	
103-65-1	n-Propylbenzene	ND	5.5	1.6	ug/kg	
100-42-5	Styrene	ND	5.5	1.1	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.5	1.1	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.5	2.0	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.5	1.4	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.5	1.4	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.5	2.2	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.5	1.7	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.5	2.2	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SW 3-8'		
Lab Sample ID:	F71886-3	**Date Sampled:**	03/05/10
Matrix:	SO - Soil	**Date Received:**	03/06/10
Method:	SW846 8260B SW846 5035	**Percent Solids:**	82.3
Project:	Holloman AFB; WPOL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	5.5	1.2	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.5	1.6	ug/kg	
127-18-4	Tetrachloroethylene	ND	5.5	2.0	ug/kg	
108-88-3	Toluene	ND	5.5	1.3	ug/kg	
79-01-6	Trichloroethylene	ND	5.5	1.7	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.5	2.8	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	27	5.5	ug/kg	
75-01-4	Vinyl chloride	ND	5.5	2.2	ug/kg	
108-05-4	Vinyl Acetate	ND	27	16	ug/kg	
	m,p-Xylene	ND	11	1.3	ug/kg	
95-47-6	o-Xylene	ND	5.5	1.1	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		80-121%
2037-26-5	Toluene-D8	90%		71-130%
460-00-4	4-Bromofluorobenzene	99%		59-148%
17060-07-0	1,2-Dichloroethane-D4	92%		77-123%

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Report of Analysis

Client Sample ID:	WPOL-SW 3-8'		
Lab Sample ID:	F71886-3	**Date Sampled:**	03/05/10
Matrix:	SO - Soil	**Date Received:**	03/06/10
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	82.3
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X010218.D	1	03/12/10	NAF	03/10/10	OP32117	SX531
Run #2							

	Initial Weight	Final Volume
Run #1	30.0 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1000	410	ug/kg	
95-57-8	2-Chlorophenol	ND	200	41	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	200	41	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	200	41	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	200	45	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1000	410	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	410	41	ug/kg	
95-48-7	2-Methylphenol	ND	200	41	ug/kg	
	3&4-Methylphenol	ND	200	41	ug/kg	
88-75-5	2-Nitrophenol	ND	200	41	ug/kg	
100-02-7	4-Nitrophenol	ND	1000	410	ug/kg	
87-86-5	Pentachlorophenol	ND	1000	410	ug/kg	
108-95-2	Phenol	ND	200	41	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	200	41	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	200	41	ug/kg	
83-32-9	Acenaphthene	ND	200	41	ug/kg	
208-96-8	Acenaphthylene	ND	200	41	ug/kg	
120-12-7	Anthracene	ND	200	41	ug/kg	
92-87-5	Benzidine	ND	2000	850	ug/kg	
56-55-3	Benzo(a)anthracene	ND	200	41	ug/kg	
50-32-8	Benzo(a)pyrene	ND	200	41	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	200	41	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	200	41	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	200	41	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	200	41	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	410	81	ug/kg	
100-51-6	Benzyl Alcohol	ND	200	41	ug/kg	
91-58-7	2-Chloronaphthalene	ND	200	41	ug/kg	
106-47-8	4-Chloroaniline	ND	200	41	ug/kg	
218-01-9	Chrysene	ND	200	41	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	200	41	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	200	41	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SW 3-8'		
Lab Sample ID:	F71886-3	**Date Sampled:**	03/05/10
Matrix:	SO - Soil	**Date Received:**	03/06/10
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	82.3
Project:	Holloman AFB; WPOL		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	200	41	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	200	41	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	200	81	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	200	81	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	200	81	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	200	41	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	200	41	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	410	81	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	200	41	ug/kg	
132-64-9	Dibenzofuran	ND	200	41	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	410	81	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	410	81	ug/kg	
84-66-2	Diethyl phthalate	ND	410	200	ug/kg	
131-11-3	Dimethyl phthalate	ND	410	81	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	410	200	ug/kg	
206-44-0	Fluoranthene	ND	200	41	ug/kg	
86-73-7	Fluorene	ND	200	41	ug/kg	
118-74-1	Hexachlorobenzene	ND	200	41	ug/kg	
87-68-3	Hexachlorobutadiene	ND	200	41	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	200	41	ug/kg	
67-72-1	Hexachloroethane	ND	200	100	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	200	41	ug/kg	
78-59-1	Isophorone	ND	200	41	ug/kg	
91-57-6	2-Methylnaphthalene	ND	200	41	ug/kg	
88-74-4	2-Nitroaniline	ND	410	81	ug/kg	
99-09-2	3-Nitroaniline	ND	410	81	ug/kg	
100-01-6	4-Nitroaniline	ND	410	81	ug/kg	
91-20-3	Naphthalene	ND	200	41	ug/kg	
98-95-3	Nitrobenzene	ND	200	41	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	200	41	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	200	41	ug/kg	
85-01-8	Phenanthrene	ND	200	41	ug/kg	
129-00-0	Pyrene	ND	200	41	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	200	41	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	69%		40-102%
4165-62-2	Phenol-d5	65%		41-100%
118-79-6	2,4,6-Tribromophenol	78%		42-108%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SW 3-8'		
Lab Sample ID:	F71886-3	**Date Sampled:**	03/05/10
Matrix:	SO - Soil	**Date Received:**	03/06/10
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	82.3
Project:	Holloman AFB; WPOL		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	71%		40-105%
321-60-8	2-Fluorobiphenyl	65%		43-107%
1718-51-0	Terphenyl-d14	87%		45-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SW 3-8'		
Lab Sample ID:	F71886-3	**Date Sampled:**	03/05/10
Matrix:	SO - Soil	**Date Received:**	03/06/10
Method:	SW846 8015 SW846 5035	**Percent Solids:**	82.3
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	QR053035.D	1	03/08/10	AH	03/06/10 14:10	n/a	GQR2292
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.65 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	6.5	3.2	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	87%		56-136%
98-08-8	aaa-Trifluorotoluene	73%		61-121%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SW 3-8'		
Lab Sample ID:	F71886-3	**Date Sampled:**	03/05/10
Matrix:	SO - Soil	**Date Received:**	03/06/10
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	82.3
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LL29546.D	1	03/17/10	ME	03/11/10	OP32128	GLL1127
Run #2							

	Initial Weight	Final Volume
Run #1	30.0 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	10	6.1	mg/kg	
	TPH (> C22-C36)	ND	10	6.1	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	78%		49-108%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SW 4-8'		
Lab Sample ID:	F71886-4	**Date Sampled:**	03/05/10
Matrix:	SO - Soil	**Date Received:**	03/06/10
Method:	SW846 8260B SW846 5035	**Percent Solids:**	79.6
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G0063008.D	1	03/08/10	MM	03/06/10 14:10	n/a	VG2383
Run #2							

	Initial Weight
Run #1	5.47 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	57	24	ug/kg	
75-05-8	Acetonitrile	ND	57	32	ug/kg	
107-02-8	Acrolein	ND	29	11	ug/kg	
107-13-1	Acrylonitrile	ND	29	11	ug/kg	
107-05-1	Allyl chloride	ND	29	5.7	ug/kg	
71-43-2	Benzene	ND	5.7	1.1	ug/kg	
100-44-7	Benzyl Chloride	ND	5.7	2.3	ug/kg	
108-86-1	Bromobenzene	ND	5.7	1.4	ug/kg	
74-97-5	Bromochloromethane	ND	5.7	2.0	ug/kg	
75-27-4	Bromodichloromethane	ND	5.7	1.1	ug/kg	
75-25-2	Bromoform	ND	5.7	2.1	ug/kg	
104-51-8	n-Butylbenzene	ND	5.7	1.5	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.7	1.4	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.7	1.4	ug/kg	
108-90-7	Chlorobenzene	ND	5.7	1.1	ug/kg	
75-00-3	Chloroethane	ND	5.7	2.3	ug/kg	
67-66-3	Chloroform	ND	5.7	1.1	ug/kg	
544-10-5	1-Chlorohexane	ND	5.7	1.5	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.7	1.5	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.7	1.1	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	29	11	ug/kg	
75-15-0	Carbon disulfide	ND	5.7	2.8	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.7	1.8	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.7	1.7	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	5.7	2.6	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.7	1.1	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.7	2.9	ug/kg	
106-93-4	1,2-Dibromoethane	ND	5.7	1.1	ug/kg	
107-06-2	1,2-Dichloroethane	ND	5.7	1.4	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.7	1.1	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.7	2.0	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.7	1.3	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
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B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SW 4-8'		
Lab Sample ID:	F71886-4	**Date Sampled:**	03/05/10
Matrix:	SO - Soil	**Date Received:**	03/06/10
Method:	SW846 8260B SW846 5035	**Percent Solids:**	79.6
Project:	Holloman AFB; WPOL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	5.7	2.0	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.7	2.4	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	5.7	1.1	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.7	1.1	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	29	5.7	ug/kg	
541-73-1	m-Dichlorobenzene	ND	5.7	1.4	ug/kg	
95-50-1	o-Dichlorobenzene	ND	5.7	1.3	ug/kg	
106-46-7	p-Dichlorobenzene	ND	5.7	1.7	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	5.7	2.2	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.7	1.3	ug/kg	
100-41-4	Ethylbenzene	ND	5.7	1.3	ug/kg	
97-63-2	Ethyl methacrylate	ND	29	5.7	ug/kg	
76-13-1	Freon 113	ND	5.7	3.0	ug/kg	
591-78-6	2-Hexanone	ND	29	13	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.7	2.6	ug/kg	
110-54-3	Hexane	ND	5.7	2.3	ug/kg	
98-82-8	Isopropylbenzene	ND	5.7	1.6	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.7	1.1	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	29	9.5	ug/kg	
126-98-7	Methacrylonitrile	ND	29	12	ug/kg	
74-83-9	Methyl bromide	ND	5.7	2.3	ug/kg	
74-87-3	Methyl chloride	ND	5.7	2.9	ug/kg	
74-88-4	Methyl iodide	ND	11	2.8	ug/kg	
80-62-6	Methyl methacrylate	ND	5.7	2.9	ug/kg	
74-95-3	Methylene bromide	ND	5.7	2.4	ug/kg	
75-09-2	Methylene chloride	ND	11	5.7	ug/kg	
78-93-3	Methyl ethyl ketone	ND	29	8.6	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.7	2.6	ug/kg	
91-20-3	Naphthalene	ND	5.7	2.3	ug/kg	
76-01-7	Pentachloroethane	ND	29	5.7	ug/kg	
107-12-0	Propionitrile	ND	57	23	ug/kg	
103-65-1	n-Propylbenzene	ND	5.7	1.7	ug/kg	
100-42-5	Styrene	ND	5.7	1.1	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.7	1.1	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.7	2.1	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.7	1.5	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.7	1.5	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.7	2.3	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.7	1.8	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.7	2.3	ug/kg	

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RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SW 4-8'		
Lab Sample ID:	F71886-4	**Date Sampled:**	03/05/10
Matrix:	SO - Soil	**Date Received:**	03/06/10
Method:	SW846 8260B SW846 5035	**Percent Solids:**	79.6
Project:	Holloman AFB; WPOL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	5.7	1.3	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.7	1.7	ug/kg	
127-18-4	Tetrachloroethylene	ND	5.7	2.1	ug/kg	
108-88-3	Toluene	ND	5.7	1.4	ug/kg	
79-01-6	Trichloroethylene	ND	5.7	1.8	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.7	3.0	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	29	5.7	ug/kg	
75-01-4	Vinyl chloride	ND	5.7	2.3	ug/kg	
108-05-4	Vinyl Acetate	ND	29	17	ug/kg	
	m,p-Xylene	ND	11	1.4	ug/kg	
95-47-6	o-Xylene	ND	5.7	1.1	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		80-121%
2037-26-5	Toluene-D8	92%		71-130%
460-00-4	4-Bromofluorobenzene	98%		59-148%
17060-07-0	1,2-Dichloroethane-D4	93%		77-123%

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Report of Analysis

Client Sample ID:	WPOL-SW 4-8'		
Lab Sample ID:	F71886-4	**Date Sampled:**	03/05/10
Matrix:	SO - Soil	**Date Received:**	03/06/10
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	79.6
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X010219.D	1	03/12/10	NAF	03/10/10	OP32117	SX531
Run #2							

	Initial Weight	Final Volume
Run #1	30.5 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1000	410	ug/kg	
95-57-8	2-Chlorophenol	ND	210	41	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	210	41	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	210	41	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	210	45	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1000	410	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	410	41	ug/kg	
95-48-7	2-Methylphenol	ND	210	41	ug/kg	
	3&4-Methylphenol	ND	210	41	ug/kg	
88-75-5	2-Nitrophenol	ND	210	41	ug/kg	
100-02-7	4-Nitrophenol	ND	1000	410	ug/kg	
87-86-5	Pentachlorophenol	ND	1000	410	ug/kg	
108-95-2	Phenol	ND	210	41	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	210	41	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	210	41	ug/kg	
83-32-9	Acenaphthene	ND	210	41	ug/kg	
208-96-8	Acenaphthylene	ND	210	41	ug/kg	
120-12-7	Anthracene	ND	210	41	ug/kg	
92-87-5	Benzidine	ND	2100	860	ug/kg	
56-55-3	Benzo(a)anthracene	ND	210	41	ug/kg	
50-32-8	Benzo(a)pyrene	ND	210	41	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	210	41	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	210	41	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	210	41	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	210	41	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	410	82	ug/kg	
100-51-6	Benzyl Alcohol	ND	210	41	ug/kg	
91-58-7	2-Chloronaphthalene	ND	210	41	ug/kg	
106-47-8	4-Chloroaniline	ND	210	41	ug/kg	
218-01-9	Chrysene	ND	210	41	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	210	41	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	210	41	ug/kg	

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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SW 4-8'		
Lab Sample ID:	F71886-4	**Date Sampled:**	03/05/10
Matrix:	SO - Soil	**Date Received:**	03/06/10
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	79.6
Project:	Holloman AFB; WPOL		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	210	41	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	210	41	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	210	82	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	210	82	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	210	82	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	210	41	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	210	41	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	410	82	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	210	41	ug/kg	
132-64-9	Dibenzofuran	ND	210	41	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	410	82	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	410	82	ug/kg	
84-66-2	Diethyl phthalate	ND	410	210	ug/kg	
131-11-3	Dimethyl phthalate	ND	410	82	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	410	210	ug/kg	
206-44-0	Fluoranthene	ND	210	41	ug/kg	
86-73-7	Fluorene	ND	210	41	ug/kg	
118-74-1	Hexachlorobenzene	ND	210	41	ug/kg	
87-68-3	Hexachlorobutadiene	ND	210	41	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	210	41	ug/kg	
67-72-1	Hexachloroethane	ND	210	100	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	210	41	ug/kg	
78-59-1	Isophorone	ND	210	41	ug/kg	
91-57-6	2-Methylnaphthalene	ND	210	41	ug/kg	
88-74-4	2-Nitroaniline	ND	410	82	ug/kg	
99-09-2	3-Nitroaniline	ND	410	82	ug/kg	
100-01-6	4-Nitroaniline	ND	410	82	ug/kg	
91-20-3	Naphthalene	ND	210	41	ug/kg	
98-95-3	Nitrobenzene	ND	210	41	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	210	41	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	210	41	ug/kg	
85-01-8	Phenanthrene	ND	210	41	ug/kg	
129-00-0	Pyrene	ND	210	41	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	210	41	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	67%		40-102%
4165-62-2	Phenol-d5	76%		41-100%
118-79-6	2,4,6-Tribromophenol	86%		42-108%

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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SW 4-8'		
Lab Sample ID:	F71886-4	**Date Sampled:**	03/05/10
Matrix:	SO - Soil	**Date Received:**	03/06/10
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	79.6
Project:	Holloman AFB; WPOL		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	80%		40-105%
321-60-8	2-Fluorobiphenyl	66%		43-107%
1718-51-0	Terphenyl-d14	94%		45-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SW 4-8'		
Lab Sample ID:	F71886-4	**Date Sampled:**	03/05/10
Matrix:	SO - Soil	**Date Received:**	03/06/10
Method:	SW846 8015 SW846 5035	**Percent Solids:**	79.6
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	QR053036.D	1	03/08/10	AH	03/06/10 14:10	n/a	GQR2292
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.39 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	7.1	3.6	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	87%		56-136%
98-08-8	aaa-Trifluorotoluene	71%		61-121%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SW 4-8'		
Lab Sample ID:	F71886-4	**Date Sampled:**	03/05/10
Matrix:	SO - Soil	**Date Received:**	03/06/10
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	79.6
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LL29547.D	1	03/17/10	ME	03/11/10	OP32128	GLL1127
Run #2							

	Initial Weight	Final Volume
Run #1	30.3 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	9.37	10	6.2	mg/kg	J
	TPH (> C22-C36)	ND	10	6.2	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	83%		49-108%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SW 5-8'		
Lab Sample ID:	F71886-5	**Date Sampled:**	03/05/10
Matrix:	SO - Soil	**Date Received:**	03/06/10
Method:	SW846 8260B SW846 5035	**Percent Solids:**	79.4
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G0063009.D	1	03/08/10	MM	03/06/10 14:10	n/a	VG2383
Run #2							

	Initial Weight
Run #1	4.97 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	63	27	ug/kg	
75-05-8	Acetonitrile	ND	63	36	ug/kg	
107-02-8	Acrolein	ND	32	13	ug/kg	
107-13-1	Acrylonitrile	ND	32	13	ug/kg	
107-05-1	Allyl chloride	ND	32	6.3	ug/kg	
71-43-2	Benzene	ND	6.3	1.3	ug/kg	
100-44-7	Benzyl Chloride	ND	6.3	2.5	ug/kg	
108-86-1	Bromobenzene	ND	6.3	1.5	ug/kg	
74-97-5	Bromochloromethane	ND	6.3	2.2	ug/kg	
75-27-4	Bromodichloromethane	ND	6.3	1.3	ug/kg	
75-25-2	Bromoform	ND	6.3	2.3	ug/kg	
104-51-8	n-Butylbenzene	ND	6.3	1.6	ug/kg	
135-98-8	sec-Butylbenzene	ND	6.3	1.5	ug/kg	
98-06-6	tert-Butylbenzene	ND	6.3	1.5	ug/kg	
108-90-7	Chlorobenzene	ND	6.3	1.3	ug/kg	
75-00-3	Chloroethane	ND	6.3	2.5	ug/kg	
67-66-3	Chloroform	ND	6.3	1.3	ug/kg	
544-10-5	1-Chlorohexane	ND	6.3	1.6	ug/kg	
95-49-8	o-Chlorotoluene	ND	6.3	1.6	ug/kg	
106-43-4	p-Chlorotoluene	ND	6.3	1.3	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	32	13	ug/kg	
75-15-0	Carbon disulfide	ND	6.3	3.0	ug/kg	
56-23-5	Carbon tetrachloride	ND	6.3	2.0	ug/kg	
75-34-3	1,1-Dichloroethane	ND	6.3	1.9	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	6.3	2.9	ug/kg	
563-58-6	1,1-Dichloropropene	ND	6.3	1.3	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	6.3	3.2	ug/kg	
106-93-4	1,2-Dibromoethane	ND	6.3	1.3	ug/kg	
107-06-2	1,2-Dichloroethane	ND	6.3	1.5	ug/kg	
78-87-5	1,2-Dichloropropane	ND	6.3	1.3	ug/kg	
142-28-9	1,3-Dichloropropane	ND	6.3	2.2	ug/kg	
594-20-7	2,2-Dichloropropane	ND	6.3	1.4	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SW 5-8'		
Lab Sample ID:	F71886-5	**Date Sampled:**	03/05/10
Matrix:	SO - Soil	**Date Received:**	03/06/10
Method:	SW846 8260B SW846 5035	**Percent Solids:**	79.4
Project:	Holloman AFB; WPOL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	6.3	2.2	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	6.3	2.7	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	6.3	1.3	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	6.3	1.3	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	32	6.3	ug/kg	
541-73-1	m-Dichlorobenzene	ND	6.3	1.5	ug/kg	
95-50-1	o-Dichlorobenzene	ND	6.3	1.4	ug/kg	
106-46-7	p-Dichlorobenzene	ND	6.3	1.9	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	6.3	2.4	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	6.3	1.4	ug/kg	
100-41-4	Ethylbenzene	ND	6.3	1.4	ug/kg	
97-63-2	Ethyl methacrylate	ND	32	6.3	ug/kg	
76-13-1	Freon 113	ND	6.3	3.3	ug/kg	
591-78-6	2-Hexanone	ND	32	15	ug/kg	
87-68-3	Hexachlorobutadiene	ND	6.3	2.9	ug/kg	
110-54-3	Hexane	ND	6.3	2.5	ug/kg	
98-82-8	Isopropylbenzene	ND	6.3	1.8	ug/kg	
99-87-6	p-Isopropyltoluene	ND	6.3	1.3	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	32	11	ug/kg	
126-98-7	Methacrylonitrile	ND	32	13	ug/kg	
74-83-9	Methyl bromide	ND	6.3	2.5	ug/kg	
74-87-3	Methyl chloride	ND	6.3	3.2	ug/kg	
74-88-4	Methyl iodide	ND	13	3.0	ug/kg	
80-62-6	Methyl methacrylate	ND	6.3	3.2	ug/kg	
74-95-3	Methylene bromide	ND	6.3	2.7	ug/kg	
75-09-2	Methylene chloride	ND	13	6.3	ug/kg	
78-93-3	Methyl ethyl ketone	ND	32	9.5	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	6.3	2.9	ug/kg	
91-20-3	Naphthalene	ND	6.3	2.5	ug/kg	
76-01-7	Pentachloroethane	ND	32	6.3	ug/kg	
107-12-0	Propionitrile	ND	63	25	ug/kg	
103-65-1	n-Propylbenzene	ND	6.3	1.9	ug/kg	
100-42-5	Styrene	ND	6.3	1.3	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	6.3	1.3	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	6.3	2.3	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6.3	1.6	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	6.3	1.6	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.3	2.5	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	6.3	2.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.3	2.5	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SW 5-8'		
Lab Sample ID:	F71886-5	**Date Sampled:**	03/05/10
Matrix:	SO - Soil	**Date Received:**	03/06/10
Method:	SW846 8260B SW846 5035	**Percent Solids:**	79.4
Project:	Holloman AFB; WPOL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	6.3	1.4	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	6.3	1.9	ug/kg	
127-18-4	Tetrachloroethylene	ND	6.3	2.3	ug/kg	
108-88-3	Toluene	ND	6.3	1.5	ug/kg	
79-01-6	Trichloroethylene	ND	6.3	2.0	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.3	3.3	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	32	6.3	ug/kg	
75-01-4	Vinyl chloride	ND	6.3	2.5	ug/kg	
108-05-4	Vinyl Acetate	ND	32	19	ug/kg	
	m,p-Xylene	ND	13	1.5	ug/kg	
95-47-6	o-Xylene	ND	6.3	1.3	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		80-121%
2037-26-5	Toluene-D8	92%		71-130%
460-00-4	4-Bromofluorobenzene	102%		59-148%
17060-07-0	1,2-Dichloroethane-D4	96%		77-123%

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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SW 5-8'		
Lab Sample ID:	F71886-5	**Date Sampled:**	03/05/10
Matrix:	SO - Soil	**Date Received:**	03/06/10
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	79.4
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X010220.D	1	03/12/10	NAF	03/10/10	OP32117	SX531
Run #2							

	Initial Weight	Final Volume
Run #1	30.2 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1000	420	ug/kg	
95-57-8	2-Chlorophenol	ND	210	42	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	210	42	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	210	42	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	210	46	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1000	420	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	420	42	ug/kg	
95-48-7	2-Methylphenol	ND	210	42	ug/kg	
	3&4-Methylphenol	ND	210	42	ug/kg	
88-75-5	2-Nitrophenol	ND	210	42	ug/kg	
100-02-7	4-Nitrophenol	ND	1000	420	ug/kg	
87-86-5	Pentachlorophenol	ND	1000	420	ug/kg	
108-95-2	Phenol	ND	210	42	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	210	42	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	210	42	ug/kg	
83-32-9	Acenaphthene	ND	210	42	ug/kg	
208-96-8	Acenaphthylene	ND	210	42	ug/kg	
120-12-7	Anthracene	ND	210	42	ug/kg	
92-87-5	Benzidine	ND	2100	880	ug/kg	
56-55-3	Benzo(a)anthracene	ND	210	42	ug/kg	
50-32-8	Benzo(a)pyrene	ND	210	42	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	210	42	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	210	42	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	210	42	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	210	42	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	420	83	ug/kg	
100-51-6	Benzyl Alcohol	ND	210	42	ug/kg	
91-58-7	2-Chloronaphthalene	ND	210	42	ug/kg	
106-47-8	4-Chloroaniline	ND	210	42	ug/kg	
218-01-9	Chrysene	ND	210	42	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	210	42	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	210	42	ug/kg	

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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SW 5-8'		
Lab Sample ID:	F71886-5	**Date Sampled:**	03/05/10
Matrix:	SO - Soil	**Date Received:**	03/06/10
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	79.4
Project:	Holloman AFB; WPOL		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	210	42	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	210	42	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	210	83	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	210	83	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	210	83	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	210	42	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	210	42	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	420	83	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	210	42	ug/kg	
132-64-9	Dibenzofuran	ND	210	42	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	420	83	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	420	83	ug/kg	
84-66-2	Diethyl phthalate	ND	420	210	ug/kg	
131-11-3	Dimethyl phthalate	ND	420	83	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	420	210	ug/kg	
206-44-0	Fluoranthene	ND	210	42	ug/kg	
86-73-7	Fluorene	ND	210	42	ug/kg	
118-74-1	Hexachlorobenzene	ND	210	42	ug/kg	
87-68-3	Hexachlorobutadiene	ND	210	42	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	210	42	ug/kg	
67-72-1	Hexachloroethane	ND	210	100	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	210	42	ug/kg	
78-59-1	Isophorone	ND	210	42	ug/kg	
91-57-6	2-Methylnaphthalene	ND	210	42	ug/kg	
88-74-4	2-Nitroaniline	ND	420	83	ug/kg	
99-09-2	3-Nitroaniline	ND	420	83	ug/kg	
100-01-6	4-Nitroaniline	ND	420	83	ug/kg	
91-20-3	Naphthalene	ND	210	42	ug/kg	
98-95-3	Nitrobenzene	ND	210	42	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	210	42	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	210	42	ug/kg	
85-01-8	Phenanthrene	ND	210	42	ug/kg	
129-00-0	Pyrene	ND	210	42	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	210	42	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	79%		40-102%
4165-62-2	Phenol-d5	86%		41-100%
118-79-6	2,4,6-Tribromophenol	84%		42-108%

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Report of Analysis

Client Sample ID:	WPOL-SW 5-8'		
Lab Sample ID:	F71886-5	**Date Sampled:**	03/05/10
Matrix:	SO - Soil	**Date Received:**	03/06/10
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	79.4
Project:	Holloman AFB; WPOL		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	88%		40-105%
321-60-8	2-Fluorobiphenyl	61%		43-107%
1718-51-0	Terphenyl-d14	96%		45-119%

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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SW 5-8'		
Lab Sample ID:	F71886-5	**Date Sampled:**	03/05/10
Matrix:	SO - Soil	**Date Received:**	03/06/10
Method:	SW846 8015 SW846 5035	**Percent Solids:**	79.4
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	QR053037.D	1	03/08/10	AH	03/06/10 14:10	n/a	GQR2292
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.30 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	9.87	7.2	3.6	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	114%		56-136%
98-08-8	aaa-Trifluorotoluene	71%		61-121%

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RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SW 5-8'		
Lab Sample ID:	F71886-5	**Date Sampled:**	03/05/10
Matrix:	SO - Soil	**Date Received:**	03/06/10
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	79.4
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LL29548.D	1	03/17/10	ME	03/11/10	OP32128	GLL1127
Run #2							

	Initial Weight	Final Volume
Run #1	30.7 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	11.1	10	6.2	mg/kg	
	TPH (> C22-C36)	ND	10	6.2	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	87%		49-108%

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E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SW 6-8'		
Lab Sample ID:	F71886-6	**Date Sampled:**	03/05/10
Matrix:	SO - Soil	**Date Received:**	03/06/10
Method:	SW846 8260B SW846 5035	**Percent Solids:**	78.1
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G0063010.D	1	03/08/10	MM	03/06/10 14:43	n/a	VG2383
Run #2							

	Initial Weight
Run #1	5.91 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	54	23	ug/kg	
75-05-8	Acetonitrile	ND	54	30	ug/kg	
107-02-8	Acrolein	ND	27	11	ug/kg	
107-13-1	Acrylonitrile	ND	27	11	ug/kg	
107-05-1	Allyl chloride	ND	27	5.4	ug/kg	
71-43-2	Benzene	ND	5.4	1.1	ug/kg	
100-44-7	Benzyl Chloride	ND	5.4	2.2	ug/kg	
108-86-1	Bromobenzene	ND	5.4	1.3	ug/kg	
74-97-5	Bromochloromethane	ND	5.4	1.8	ug/kg	
75-27-4	Bromodichloromethane	ND	5.4	1.1	ug/kg	
75-25-2	Bromoform	ND	5.4	1.9	ug/kg	
104-51-8	n-Butylbenzene	ND	5.4	1.4	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.4	1.3	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.4	1.3	ug/kg	
108-90-7	Chlorobenzene	ND	5.4	1.1	ug/kg	
75-00-3	Chloroethane	ND	5.4	2.2	ug/kg	
67-66-3	Chloroform	ND	5.4	1.1	ug/kg	
544-10-5	1-Chlorohexane	ND	5.4	1.4	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.4	1.4	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.4	1.1	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	27	11	ug/kg	
75-15-0	Carbon disulfide	ND	5.4	2.6	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.4	1.7	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.4	1.6	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	5.4	2.5	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.4	1.1	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.4	2.7	ug/kg	
106-93-4	1,2-Dibromoethane	ND	5.4	1.1	ug/kg	
107-06-2	1,2-Dichloroethane	ND	5.4	1.3	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.4	1.1	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.4	1.8	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.4	1.2	ug/kg	

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Report of Analysis

Client Sample ID:	WPOL-SW 6-8'		
Lab Sample ID:	F71886-6	**Date Sampled:**	03/05/10
Matrix:	SO - Soil	**Date Received:**	03/06/10
Method:	SW846 8260B SW846 5035	**Percent Solids:**	78.1
Project:	Holloman AFB; WPOL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	5.4	1.8	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.4	2.3	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	5.4	1.1	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.4	1.1	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	27	5.4	ug/kg	
541-73-1	m-Dichlorobenzene	ND	5.4	1.3	ug/kg	
95-50-1	o-Dichlorobenzene	ND	5.4	1.2	ug/kg	
106-46-7	p-Dichlorobenzene	ND	5.4	1.6	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	5.4	2.1	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.4	1.2	ug/kg	
100-41-4	Ethylbenzene	ND	5.4	1.2	ug/kg	
97-63-2	Ethyl methacrylate	ND	27	5.4	ug/kg	
76-13-1	Freon 113	ND	5.4	2.8	ug/kg	
591-78-6	2-Hexanone	ND	27	13	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.4	2.5	ug/kg	
110-54-3	Hexane	ND	5.4	2.2	ug/kg	
98-82-8	Isopropylbenzene	ND	5.4	1.5	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.4	1.1	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	27	9.0	ug/kg	
126-98-7	Methacrylonitrile	ND	27	11	ug/kg	
74-83-9	Methyl bromide	ND	5.4	2.2	ug/kg	
74-87-3	Methyl chloride	ND	5.4	2.7	ug/kg	
74-88-4	Methyl iodide	ND	11	2.6	ug/kg	
80-62-6	Methyl methacrylate	ND	5.4	2.7	ug/kg	
74-95-3	Methylene bromide	ND	5.4	2.3	ug/kg	
75-09-2	Methylene chloride	ND	11	5.4	ug/kg	
78-93-3	Methyl ethyl ketone	ND	27	8.1	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.4	2.5	ug/kg	
91-20-3	Naphthalene	ND	5.4	2.2	ug/kg	
76-01-7	Pentachloroethane	ND	27	5.4	ug/kg	
107-12-0	Propionitrile	ND	54	22	ug/kg	
103-65-1	n-Propylbenzene	ND	5.4	1.6	ug/kg	
100-42-5	Styrene	ND	5.4	1.1	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.4	1.1	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.4	1.9	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.4	1.4	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.4	1.4	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.4	2.2	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.4	1.7	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.4	2.2	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SW 6-8'		
Lab Sample ID:	F71886-6	**Date Sampled:**	03/05/10
Matrix:	SO - Soil	**Date Received:**	03/06/10
Method:	SW846 8260B SW846 5035	**Percent Solids:**	78.1
Project:	Holloman AFB; WPOL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	5.4	1.2	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.4	1.6	ug/kg	
127-18-4	Tetrachloroethylene	ND	5.4	1.9	ug/kg	
108-88-3	Toluene	ND	5.4	1.3	ug/kg	
79-01-6	Trichloroethylene	ND	5.4	1.7	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.4	2.8	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	27	5.4	ug/kg	
75-01-4	Vinyl chloride	ND	5.4	2.2	ug/kg	
108-05-4	Vinyl Acetate	ND	27	16	ug/kg	
	m,p-Xylene	ND	11	1.3	ug/kg	
95-47-6	o-Xylene	ND	5.4	1.1	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		80-121%
2037-26-5	Toluene-D8	90%		71-130%
460-00-4	4-Bromofluorobenzene	101%		59-148%
17060-07-0	1,2-Dichloroethane-D4	98%		77-123%

ND = Not detected MDL - Method Detection Limit
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E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SW 6-8'		
Lab Sample ID:	F71886-6	**Date Sampled:**	03/05/10
Matrix:	SO - Soil	**Date Received:**	03/06/10
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	78.1
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X010221.D	1	03/12/10	NAF	03/10/10	OP32117	SX531
Run #2							

	Initial Weight	Final Volume
Run #1	30.3 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1100	420	ug/kg	
95-57-8	2-Chlorophenol	ND	210	42	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	210	42	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	210	42	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	210	46	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1100	420	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	420	42	ug/kg	
95-48-7	2-Methylphenol	ND	210	42	ug/kg	
	3&4-Methylphenol	ND	210	42	ug/kg	
88-75-5	2-Nitrophenol	ND	210	42	ug/kg	
100-02-7	4-Nitrophenol	ND	1100	420	ug/kg	
87-86-5	Pentachlorophenol	ND	1100	420	ug/kg	
108-95-2	Phenol	ND	210	42	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	210	42	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	210	42	ug/kg	
83-32-9	Acenaphthene	ND	210	42	ug/kg	
208-96-8	Acenaphthylene	ND	210	42	ug/kg	
120-12-7	Anthracene	ND	210	42	ug/kg	
92-87-5	Benzidine	ND	2100	890	ug/kg	
56-55-3	Benzo(a)anthracene	ND	210	42	ug/kg	
50-32-8	Benzo(a)pyrene	ND	210	42	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	210	42	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	210	42	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	210	42	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	210	42	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	420	85	ug/kg	
100-51-6	Benzyl Alcohol	ND	210	42	ug/kg	
91-58-7	2-Chloronaphthalene	ND	210	42	ug/kg	
106-47-8	4-Chloroaniline	ND	210	42	ug/kg	
218-01-9	Chrysene	ND	210	42	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	210	42	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	210	42	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SW 6-8'		
Lab Sample ID:	F71886-6	**Date Sampled:**	03/05/10
Matrix:	SO - Soil	**Date Received:**	03/06/10
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	78.1
Project:	Holloman AFB; WPOL		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	210	42	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	210	42	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	210	85	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	210	85	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	210	85	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	210	42	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	210	42	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	420	85	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	210	42	ug/kg	
132-64-9	Dibenzofuran	ND	210	42	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	420	85	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	420	85	ug/kg	
84-66-2	Diethyl phthalate	ND	420	210	ug/kg	
131-11-3	Dimethyl phthalate	ND	420	85	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	420	210	ug/kg	
206-44-0	Fluoranthene	ND	210	42	ug/kg	
86-73-7	Fluorene	ND	210	42	ug/kg	
118-74-1	Hexachlorobenzene	ND	210	42	ug/kg	
87-68-3	Hexachlorobutadiene	ND	210	42	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	210	42	ug/kg	
67-72-1	Hexachloroethane	ND	210	110	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	210	42	ug/kg	
78-59-1	Isophorone	ND	210	42	ug/kg	
91-57-6	2-Methylnaphthalene	ND	210	42	ug/kg	
88-74-4	2-Nitroaniline	ND	420	85	ug/kg	
99-09-2	3-Nitroaniline	ND	420	85	ug/kg	
100-01-6	4-Nitroaniline	ND	420	85	ug/kg	
91-20-3	Naphthalene	ND	210	42	ug/kg	
98-95-3	Nitrobenzene	ND	210	42	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	210	42	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	210	42	ug/kg	
85-01-8	Phenanthrene	ND	210	42	ug/kg	
129-00-0	Pyrene	ND	210	42	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	210	42	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	62%		40-102%
4165-62-2	Phenol-d5	64%		41-100%
118-79-6	2,4,6-Tribromophenol	89%		42-108%

ND = Not detected MDL - Method Detection Limit
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B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SW 6-8'		
Lab Sample ID:	F71886-6	**Date Sampled:**	03/05/10
Matrix:	SO - Soil	**Date Received:**	03/06/10
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	78.1
Project:	Holloman AFB; WPOL		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	70%		40-105%
321-60-8	2-Fluorobiphenyl	70%		43-107%
1718-51-0	Terphenyl-d14	95%		45-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SW 6-8'		
Lab Sample ID:	F71886-6	**Date Sampled:**	03/05/10
Matrix:	SO - Soil	**Date Received:**	03/06/10
Method:	SW846 8015 SW846 5035	**Percent Solids:**	78.1
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	QR053038.D	1	03/08/10	AH	03/06/10 14:43	n/a	GQR2292
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.07 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	5.01	7.7	3.9	mg/kg	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	95%		56-136%
98-08-8	aaa-Trifluorotoluene	70%		61-121%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SW 6-8'		
Lab Sample ID:	F71886-6	**Date Sampled:**	03/05/10
Matrix:	SO - Soil	**Date Received:**	03/06/10
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	78.1
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LL29549.D	1	03/17/10	ME	03/11/10	OP32128	GLL1127
Run #2							

	Initial Weight	Final Volume
Run #1	30.4 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	7.98	11	6.3	mg/kg	J
	TPH (> C22-C36)	ND	11	6.3	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	85%		49-108%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SW 7-8'		
Lab Sample ID:	F71886-7	**Date Sampled:**	03/05/10
Matrix:	SO - Soil	**Date Received:**	03/06/10
Method:	SW846 8260B SW846 5035	**Percent Solids:**	83.5
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G0063011.D	1	03/08/10	MM	03/06/10 14:43	n/a	VG2383
Run #2							

	Initial Weight
Run #1	5.42 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	55	23	ug/kg	
75-05-8	Acetonitrile	ND	55	31	ug/kg	
107-02-8	Acrolein	ND	28	11	ug/kg	
107-13-1	Acrylonitrile	ND	28	11	ug/kg	
107-05-1	Allyl chloride	ND	28	5.5	ug/kg	
71-43-2	Benzene	ND	5.5	1.1	ug/kg	
100-44-7	Benzyl Chloride	ND	5.5	2.2	ug/kg	
108-86-1	Bromobenzene	ND	5.5	1.3	ug/kg	
74-97-5	Bromochloromethane	ND	5.5	1.9	ug/kg	
75-27-4	Bromodichloromethane	ND	5.5	1.1	ug/kg	
75-25-2	Bromoform	ND	5.5	2.0	ug/kg	
104-51-8	n-Butylbenzene	ND	5.5	1.4	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.5	1.3	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.5	1.3	ug/kg	
108-90-7	Chlorobenzene	ND	5.5	1.1	ug/kg	
75-00-3	Chloroethane	ND	5.5	2.2	ug/kg	
67-66-3	Chloroform	ND	5.5	1.1	ug/kg	
544-10-5	1-Chlorohexane	ND	5.5	1.4	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.5	1.4	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.5	1.1	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	28	11	ug/kg	
75-15-0	Carbon disulfide	ND	5.5	2.7	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.5	1.8	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.5	1.7	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	5.5	2.5	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.5	1.1	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.5	2.8	ug/kg	
106-93-4	1,2-Dibromoethane	ND	5.5	1.1	ug/kg	
107-06-2	1,2-Dichloroethane	ND	5.5	1.3	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.5	1.1	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.5	1.9	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.5	1.2	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SW 7-8'		
Lab Sample ID:	F71886-7	**Date Sampled:**	03/05/10
Matrix:	SO - Soil	**Date Received:**	03/06/10
Method:	SW846 8260B SW846 5035	**Percent Solids:**	83.5
Project:	Holloman AFB; WPOL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	5.5	1.9	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.5	2.3	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	5.5	1.1	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.5	1.1	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	28	5.5	ug/kg	
541-73-1	m-Dichlorobenzene	ND	5.5	1.3	ug/kg	
95-50-1	o-Dichlorobenzene	ND	5.5	1.2	ug/kg	
106-46-7	p-Dichlorobenzene	ND	5.5	1.7	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	5.5	2.1	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.5	1.2	ug/kg	
100-41-4	Ethylbenzene	ND	5.5	1.2	ug/kg	
97-63-2	Ethyl methacrylate	ND	28	5.5	ug/kg	
76-13-1	Freon 113	ND	5.5	2.9	ug/kg	
591-78-6	2-Hexanone	ND	28	13	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.5	2.5	ug/kg	
110-54-3	Hexane	ND	5.5	2.2	ug/kg	
98-82-8	Isopropylbenzene	ND	5.5	1.5	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.5	1.1	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	28	9.2	ug/kg	
126-98-7	Methacrylonitrile	ND	28	11	ug/kg	
74-83-9	Methyl bromide	ND	5.5	2.2	ug/kg	
74-87-3	Methyl chloride	ND	5.5	2.8	ug/kg	
74-88-4	Methyl iodide	ND	11	2.7	ug/kg	
80-62-6	Methyl methacrylate	ND	5.5	2.8	ug/kg	
74-95-3	Methylene bromide	ND	5.5	2.3	ug/kg	
75-09-2	Methylene chloride	ND	11	5.5	ug/kg	
78-93-3	Methyl ethyl ketone	ND	28	8.3	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.5	2.5	ug/kg	
91-20-3	Naphthalene	ND	5.5	2.2	ug/kg	
76-01-7	Pentachloroethane	ND	28	5.5	ug/kg	
107-12-0	Propionitrile	ND	55	22	ug/kg	
103-65-1	n-Propylbenzene	ND	5.5	1.7	ug/kg	
100-42-5	Styrene	ND	5.5	1.1	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.5	1.1	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.5	2.0	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.5	1.4	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.5	1.4	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.5	2.2	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.5	1.8	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.5	2.2	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SW 7-8'		
Lab Sample ID:	F71886-7	**Date Sampled:**	03/05/10
Matrix:	SO - Soil	**Date Received:**	03/06/10
Method:	SW846 8260B SW846 5035	**Percent Solids:**	83.5
Project:	Holloman AFB; WPOL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	5.5	1.2	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.5	1.7	ug/kg	
127-18-4	Tetrachloroethylene	ND	5.5	2.0	ug/kg	
108-88-3	Toluene	ND	5.5	1.3	ug/kg	
79-01-6	Trichloroethylene	ND	5.5	1.8	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.5	2.9	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	28	5.5	ug/kg	
75-01-4	Vinyl chloride	ND	5.5	2.2	ug/kg	
108-05-4	Vinyl Acetate	ND	28	17	ug/kg	
	m,p-Xylene	ND	11	1.3	ug/kg	
95-47-6	o-Xylene	ND	5.5	1.1	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		80-121%
2037-26-5	Toluene-D8	94%		71-130%
460-00-4	4-Bromofluorobenzene	95%		59-148%
17060-07-0	1,2-Dichloroethane-D4	93%		77-123%

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Report of Analysis

Client Sample ID:	WPOL-SW 7-8'		
Lab Sample ID:	F71886-7	**Date Sampled:**	03/05/10
Matrix:	SO - Soil	**Date Received:**	03/06/10
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	83.5
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X010224.D	1	03/12/10	NAF	03/10/10	OP32117	SX531
Run #2							

	Initial Weight	Final Volume
Run #1	30.0 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1000	400	ug/kg	
95-57-8	2-Chlorophenol	ND	200	40	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	200	40	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	200	40	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	200	44	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1000	400	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	400	40	ug/kg	
95-48-7	2-Methylphenol	ND	200	40	ug/kg	
	3&4-Methylphenol	ND	200	40	ug/kg	
88-75-5	2-Nitrophenol	ND	200	40	ug/kg	
100-02-7	4-Nitrophenol	ND	1000	400	ug/kg	
87-86-5	Pentachlorophenol	ND	1000	400	ug/kg	
108-95-2	Phenol	ND	200	40	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	200	40	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	200	40	ug/kg	
83-32-9	Acenaphthene	ND	200	40	ug/kg	
208-96-8	Acenaphthylene	ND	200	40	ug/kg	
120-12-7	Anthracene	ND	200	40	ug/kg	
92-87-5	Benzidine	ND	2000	840	ug/kg	
56-55-3	Benzo(a)anthracene	ND	200	40	ug/kg	
50-32-8	Benzo(a)pyrene	ND	200	40	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	200	40	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	200	40	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	200	40	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	200	40	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	400	80	ug/kg	
100-51-6	Benzyl Alcohol	ND	200	40	ug/kg	
91-58-7	2-Chloronaphthalene	ND	200	40	ug/kg	
106-47-8	4-Chloroaniline	ND	200	40	ug/kg	
218-01-9	Chrysene	ND	200	40	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	200	40	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	200	40	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SW 7-8'		
Lab Sample ID:	F71886-7	**Date Sampled:**	03/05/10
Matrix:	SO - Soil	**Date Received:**	03/06/10
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	83.5
Project:	Holloman AFB; WPOL		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	200	40	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	200	40	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	200	80	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	200	80	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	200	80	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	200	40	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	200	40	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	400	80	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	200	40	ug/kg	
132-64-9	Dibenzofuran	ND	200	40	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	400	80	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	400	80	ug/kg	
84-66-2	Diethyl phthalate	ND	400	200	ug/kg	
131-11-3	Dimethyl phthalate	ND	400	80	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	400	200	ug/kg	
206-44-0	Fluoranthene	ND	200	40	ug/kg	
86-73-7	Fluorene	ND	200	40	ug/kg	
118-74-1	Hexachlorobenzene	ND	200	40	ug/kg	
87-68-3	Hexachlorobutadiene	ND	200	40	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	200	40	ug/kg	
67-72-1	Hexachloroethane	ND	200	100	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	200	40	ug/kg	
78-59-1	Isophorone	ND	200	40	ug/kg	
91-57-6	2-Methylnaphthalene	ND	200	40	ug/kg	
88-74-4	2-Nitroaniline	ND	400	80	ug/kg	
99-09-2	3-Nitroaniline	ND	400	80	ug/kg	
100-01-6	4-Nitroaniline	ND	400	80	ug/kg	
91-20-3	Naphthalene	ND	200	40	ug/kg	
98-95-3	Nitrobenzene	ND	200	40	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	200	40	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	200	40	ug/kg	
85-01-8	Phenanthrene	ND	200	40	ug/kg	
129-00-0	Pyrene	ND	200	40	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	200	40	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	78%		40-102%
4165-62-2	Phenol-d5	81%		41-100%
118-79-6	2,4,6-Tribromophenol	97%		42-108%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SW 7-8'		
Lab Sample ID:	F71886-7	**Date Sampled:**	03/05/10
Matrix:	SO - Soil	**Date Received:**	03/06/10
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	83.5
Project:	Holloman AFB; WPOL		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	76%		40-105%
321-60-8	2-Fluorobiphenyl	74%		43-107%
1718-51-0	Terphenyl-d14	104%		45-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SW 7-8'		
Lab Sample ID:	F71886-7	**Date Sampled:**	03/05/10
Matrix:	SO - Soil	**Date Received:**	03/06/10
Method:	SW846 8015 SW846 5035	**Percent Solids:**	83.5
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	QR053039.D	1	03/08/10	AH	03/06/10 14:43	n/a	GQR2292
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.68 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	6.3	3.1	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	88%		56-136%
98-08-8	aaa-Trifluorotoluene	72%		61-121%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SW 7-8'		
Lab Sample ID:	F71886-7	**Date Sampled:**	03/05/10
Matrix:	SO - Soil	**Date Received:**	03/06/10
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	83.5
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LL29576.D	1	03/18/10	ME	03/11/10	OP32128	GLL1128
Run #2							

	Initial Weight	Final Volume
Run #1	29.8 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	22.5	10	6.0	mg/kg	
	TPH (> C22-C36)	ND	10	6.0	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	73%		49-108%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SW 8-8'		
Lab Sample ID:	F71886-8	**Date Sampled:**	03/05/10
Matrix:	SO - Soil	**Date Received:**	03/06/10
Method:	SW846 8260B SW846 5035	**Percent Solids:**	86.1
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G0063012.D	1	03/08/10	MM	03/06/10 14:43	n/a	VG2383
Run #2							

	Initial Weight
Run #1	5.38 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	54	23	ug/kg	
75-05-8	Acetonitrile	ND	54	30	ug/kg	
107-02-8	Acrolein	ND	27	11	ug/kg	
107-13-1	Acrylonitrile	ND	27	11	ug/kg	
107-05-1	Allyl chloride	ND	27	5.4	ug/kg	
71-43-2	Benzene	ND	5.4	1.1	ug/kg	
100-44-7	Benzyl Chloride	ND	5.4	2.2	ug/kg	
108-86-1	Bromobenzene	ND	5.4	1.3	ug/kg	
74-97-5	Bromochloromethane	ND	5.4	1.8	ug/kg	
75-27-4	Bromodichloromethane	ND	5.4	1.1	ug/kg	
75-25-2	Bromoform	ND	5.4	1.9	ug/kg	
104-51-8	n-Butylbenzene	ND	5.4	1.4	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.4	1.3	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.4	1.3	ug/kg	
108-90-7	Chlorobenzene	ND	5.4	1.1	ug/kg	
75-00-3	Chloroethane	ND	5.4	2.2	ug/kg	
67-66-3	Chloroform	ND	5.4	1.1	ug/kg	
544-10-5	1-Chlorohexane	ND	5.4	1.4	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.4	1.4	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.4	1.1	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	27	11	ug/kg	
75-15-0	Carbon disulfide	ND	5.4	2.6	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.4	1.7	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.4	1.6	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	5.4	2.5	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.4	1.1	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.4	2.7	ug/kg	
106-93-4	1,2-Dibromoethane	ND	5.4	1.1	ug/kg	
107-06-2	1,2-Dichloroethane	ND	5.4	1.3	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.4	1.1	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.4	1.8	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.4	1.2	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SW 8-8'		
Lab Sample ID:	F71886-8	**Date Sampled:**	03/05/10
Matrix:	SO - Soil	**Date Received:**	03/06/10
Method:	SW846 8260B SW846 5035	**Percent Solids:**	86.1
Project:	Holloman AFB; WPOL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	5.4	1.8	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.4	2.3	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	5.4	1.1	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.4	1.1	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	27	5.4	ug/kg	
541-73-1	m-Dichlorobenzene	ND	5.4	1.3	ug/kg	
95-50-1	o-Dichlorobenzene	ND	5.4	1.2	ug/kg	
106-46-7	p-Dichlorobenzene	ND	5.4	1.6	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	5.4	2.1	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.4	1.2	ug/kg	
100-41-4	Ethylbenzene	ND	5.4	1.2	ug/kg	
97-63-2	Ethyl methacrylate	ND	27	5.4	ug/kg	
76-13-1	Freon 113	ND	5.4	2.8	ug/kg	
591-78-6	2-Hexanone	ND	27	13	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.4	2.5	ug/kg	
110-54-3	Hexane	ND	5.4	2.2	ug/kg	
98-82-8	Isopropylbenzene	ND	5.4	1.5	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.4	1.1	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	27	9.0	ug/kg	
126-98-7	Methacrylonitrile	ND	27	11	ug/kg	
74-83-9	Methyl bromide	ND	5.4	2.2	ug/kg	
74-87-3	Methyl chloride	ND	5.4	2.7	ug/kg	
74-88-4	Methyl iodide	ND	11	2.6	ug/kg	
80-62-6	Methyl methacrylate	ND	5.4	2.7	ug/kg	
74-95-3	Methylene bromide	ND	5.4	2.3	ug/kg	
75-09-2	Methylene chloride	ND	11	5.4	ug/kg	
78-93-3	Methyl ethyl ketone	ND	27	8.1	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.4	2.5	ug/kg	
91-20-3	Naphthalene	ND	5.4	2.2	ug/kg	
76-01-7	Pentachloroethane	ND	27	5.4	ug/kg	
107-12-0	Propionitrile	ND	54	21	ug/kg	
103-65-1	n-Propylbenzene	ND	5.4	1.6	ug/kg	
100-42-5	Styrene	ND	5.4	1.1	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.4	1.1	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.4	1.9	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.4	1.4	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.4	1.4	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.4	2.2	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.4	1.7	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.4	2.2	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SW 8-8'		
Lab Sample ID:	F71886-8	**Date Sampled:**	03/05/10
Matrix:	SO - Soil	**Date Received:**	03/06/10
Method:	SW846 8260B SW846 5035	**Percent Solids:**	86.1
Project:	Holloman AFB; WPOL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	5.4	1.2	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.4	1.6	ug/kg	
127-18-4	Tetrachloroethylene	ND	5.4	1.9	ug/kg	
108-88-3	Toluene	ND	5.4	1.3	ug/kg	
79-01-6	Trichloroethylene	ND	5.4	1.7	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.4	2.8	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	27	5.4	ug/kg	
75-01-4	Vinyl chloride	ND	5.4	2.2	ug/kg	
108-05-4	Vinyl Acetate	ND	27	16	ug/kg	
	m,p-Xylene	ND	11	1.3	ug/kg	
95-47-6	o-Xylene	ND	5.4	1.1	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	93%		80-121%
2037-26-5	Toluene-D8	95%		71-130%
460-00-4	4-Bromofluorobenzene	95%		59-148%
17060-07-0	1,2-Dichloroethane-D4	92%		77-123%

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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SW 8-8'		
Lab Sample ID:	F71886-8	**Date Sampled:**	03/05/10
Matrix:	SO - Soil	**Date Received:**	03/06/10
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	86.1
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X010225.D	1	03/12/10	NAF	03/10/10	OP32117	SX531
Run #2							

	Initial Weight	Final Volume
Run #1	29.8 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	970	390	ug/kg	
95-57-8	2-Chlorophenol	ND	190	39	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	190	39	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	190	39	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	190	43	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	970	390	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	390	39	ug/kg	
95-48-7	2-Methylphenol	ND	190	39	ug/kg	
	3&4-Methylphenol	ND	190	39	ug/kg	
88-75-5	2-Nitrophenol	ND	190	39	ug/kg	
100-02-7	4-Nitrophenol	ND	970	390	ug/kg	
87-86-5	Pentachlorophenol	ND	970	390	ug/kg	
108-95-2	Phenol	ND	190	39	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	190	39	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	190	39	ug/kg	
83-32-9	Acenaphthene	ND	190	39	ug/kg	
208-96-8	Acenaphthylene	ND	190	39	ug/kg	
120-12-7	Anthracene	ND	190	39	ug/kg	
92-87-5	Benzidine	ND	1900	820	ug/kg	
56-55-3	Benzo(a)anthracene	ND	190	39	ug/kg	
50-32-8	Benzo(a)pyrene	ND	190	39	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	190	39	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	190	39	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	190	39	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	190	39	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	390	78	ug/kg	
100-51-6	Benzyl Alcohol	ND	190	39	ug/kg	
91-58-7	2-Chloronaphthalene	ND	190	39	ug/kg	
106-47-8	4-Chloroaniline	ND	190	39	ug/kg	
218-01-9	Chrysene	ND	190	39	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	190	39	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	190	39	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SW 8-8'		
Lab Sample ID:	F71886-8	**Date Sampled:**	03/05/10
Matrix:	SO - Soil	**Date Received:**	03/06/10
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	86.1
Project:	Holloman AFB; WPOL		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	190	39	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	190	39	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	190	78	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	190	78	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	190	78	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	190	39	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	190	39	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	390	78	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	190	39	ug/kg	
132-64-9	Dibenzofuran	ND	190	39	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	390	78	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	390	78	ug/kg	
84-66-2	Diethyl phthalate	ND	390	190	ug/kg	
131-11-3	Dimethyl phthalate	ND	390	78	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	390	190	ug/kg	
206-44-0	Fluoranthene	ND	190	39	ug/kg	
86-73-7	Fluorene	ND	190	39	ug/kg	
118-74-1	Hexachlorobenzene	ND	190	39	ug/kg	
87-68-3	Hexachlorobutadiene	ND	190	39	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	190	39	ug/kg	
67-72-1	Hexachloroethane	ND	190	97	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	190	39	ug/kg	
78-59-1	Isophorone	ND	190	39	ug/kg	
91-57-6	2-Methylnaphthalene	ND	190	39	ug/kg	
88-74-4	2-Nitroaniline	ND	390	78	ug/kg	
99-09-2	3-Nitroaniline	ND	390	78	ug/kg	
100-01-6	4-Nitroaniline	ND	390	78	ug/kg	
91-20-3	Naphthalene	ND	190	39	ug/kg	
98-95-3	Nitrobenzene	ND	190	39	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	190	39	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	190	39	ug/kg	
85-01-8	Phenanthrene	ND	190	39	ug/kg	
129-00-0	Pyrene	ND	190	39	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	190	39	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	73%		40-102%
4165-62-2	Phenol-d5	72%		41-100%
118-79-6	2,4,6-Tribromophenol	85%		42-108%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SW 8-8'		
Lab Sample ID:	F71886-8	**Date Sampled:**	03/05/10
Matrix:	SO - Soil	**Date Received:**	03/06/10
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	86.1
Project:	Holloman AFB; WPOL		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	75%		40-105%
321-60-8	2-Fluorobiphenyl	73%		43-107%
1718-51-0	Terphenyl-d14	83%		45-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SW 8-8'		
Lab Sample ID:	F71886-8	**Date Sampled:**	03/05/10
Matrix:	SO - Soil	**Date Received:**	03/06/10
Method:	SW846 8015 SW846 5035	**Percent Solids:**	86.1
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	QR053068.D	1	03/11/10	AH	03/06/10 14:43	n/a	GQR2294
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	6.08 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	5.6	2.8	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	86%		56-136%
98-08-8	aaa-Trifluorotoluene	72%		61-121%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-SW 8-8'		
Lab Sample ID:	F71886-8	**Date Sampled:**	03/05/10
Matrix:	SO - Soil	**Date Received:**	03/06/10
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	86.1
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LL29553.D	1	03/17/10	ME	03/11/10	OP32128	GLL1127
Run #2							

	Initial Weight	Final Volume
Run #1	30.1 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	9.6	5.8	mg/kg	
	TPH (> C22-C36)	ND	9.6	5.8	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	84%		49-108%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-BOTTOM 1-9.5		
Lab Sample ID:	F71886-9	**Date Sampled:**	03/05/10
Matrix:	SO - Soil	**Date Received:**	03/06/10
Method:	SW846 8260B SW846 5035	**Percent Solids:**	81.6
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G0063013.D	1	03/08/10	MM	03/06/10 14:43	n/a	VG2383
Run #2							

	Initial Weight
Run #1	5.45 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	56	24	ug/kg	
75-05-8	Acetonitrile	ND	56	32	ug/kg	
107-02-8	Acrolein	ND	28	11	ug/kg	
107-13-1	Acrylonitrile	ND	28	11	ug/kg	
107-05-1	Allyl chloride	ND	28	5.6	ug/kg	
71-43-2	Benzene	ND	5.6	1.1	ug/kg	
100-44-7	Benzyl Chloride	ND	5.6	2.2	ug/kg	
108-86-1	Bromobenzene	ND	5.6	1.3	ug/kg	
74-97-5	Bromochloromethane	ND	5.6	1.9	ug/kg	
75-27-4	Bromodichloromethane	ND	5.6	1.1	ug/kg	
75-25-2	Bromoform	ND	5.6	2.0	ug/kg	
104-51-8	n-Butylbenzene	ND	5.6	1.5	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.6	1.3	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.6	1.3	ug/kg	
108-90-7	Chlorobenzene	ND	5.6	1.1	ug/kg	
75-00-3	Chloroethane	ND	5.6	2.2	ug/kg	
67-66-3	Chloroform	ND	5.6	1.1	ug/kg	
544-10-5	1-Chlorohexane	ND	5.6	1.5	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.6	1.5	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.6	1.1	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	28	11	ug/kg	
75-15-0	Carbon disulfide	ND	5.6	2.7	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.6	1.8	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.6	1.7	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	5.6	2.6	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.6	1.1	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.6	2.8	ug/kg	
106-93-4	1,2-Dibromoethane	ND	5.6	1.1	ug/kg	
107-06-2	1,2-Dichloroethane	ND	5.6	1.3	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.6	1.1	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.6	1.9	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.6	1.2	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-BOTTOM 1-9.5		
Lab Sample ID:	F71886-9	**Date Sampled:**	03/05/10
Matrix:	SO - Soil	**Date Received:**	03/06/10
Method:	SW846 8260B SW846 5035	**Percent Solids:**	81.6
Project:	Holloman AFB; WPOL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	5.6	1.9	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.6	2.4	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	5.6	1.1	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.6	1.1	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	28	5.6	ug/kg	
541-73-1	m-Dichlorobenzene	ND	5.6	1.3	ug/kg	
95-50-1	o-Dichlorobenzene	ND	5.6	1.2	ug/kg	
106-46-7	p-Dichlorobenzene	ND	5.6	1.7	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	5.6	2.1	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.6	1.2	ug/kg	
100-41-4	Ethylbenzene	ND	5.6	1.2	ug/kg	
97-63-2	Ethyl methacrylate	ND	28	5.6	ug/kg	
76-13-1	Freon 113	ND	5.6	2.9	ug/kg	
591-78-6	2-Hexanone	ND	28	13	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.6	2.6	ug/kg	
110-54-3	Hexane	ND	5.6	2.2	ug/kg	
98-82-8	Isopropylbenzene	ND	5.6	1.6	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.6	1.1	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	28	9.3	ug/kg	
126-98-7	Methacrylonitrile	ND	28	11	ug/kg	
74-83-9	Methyl bromide	ND	5.6	2.2	ug/kg	
74-87-3	Methyl chloride	ND	5.6	2.8	ug/kg	
74-88-4	Methyl iodide	ND	11	2.7	ug/kg	
80-62-6	Methyl methacrylate	ND	5.6	2.8	ug/kg	
74-95-3	Methylene bromide	ND	5.6	2.4	ug/kg	
75-09-2	Methylene chloride	ND	11	5.6	ug/kg	
78-93-3	Methyl ethyl ketone	ND	28	8.4	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.6	2.6	ug/kg	
91-20-3	Naphthalene	ND	5.6	2.2	ug/kg	
76-01-7	Pentachloroethane	ND	28	5.6	ug/kg	
107-12-0	Propionitrile	ND	56	22	ug/kg	
103-65-1	n-Propylbenzene	ND	5.6	1.7	ug/kg	
100-42-5	Styrene	ND	5.6	1.1	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.6	1.1	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.6	2.0	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.6	1.5	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.6	1.5	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.6	2.2	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.6	1.8	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.6	2.2	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-BOTTOM 1-9.5		
Lab Sample ID:	F71886-9	**Date Sampled:**	03/05/10
Matrix:	SO - Soil	**Date Received:**	03/06/10
Method:	SW846 8260B SW846 5035	**Percent Solids:**	81.6
Project:	Holloman AFB; WPOL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	5.6	1.2	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.6	1.7	ug/kg	
127-18-4	Tetrachloroethylene	ND	5.6	2.0	ug/kg	
108-88-3	Toluene	ND	5.6	1.3	ug/kg	
79-01-6	Trichloroethylene	ND	5.6	1.8	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.6	2.9	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	28	5.6	ug/kg	
75-01-4	Vinyl chloride	ND	5.6	2.2	ug/kg	
108-05-4	Vinyl Acetate	ND	28	17	ug/kg	
	m,p-Xylene	ND	11	1.3	ug/kg	
95-47-6	o-Xylene	ND	5.6	1.1	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		80-121%
2037-26-5	Toluene-D8	91%		71-130%
460-00-4	4-Bromofluorobenzene	96%		59-148%
17060-07-0	1,2-Dichloroethane-D4	92%		77-123%

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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-BOTTOM 1-9.5		
Lab Sample ID:	F71886-9	**Date Sampled:**	03/05/10
Matrix:	SO - Soil	**Date Received:**	03/06/10
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	81.6
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X010226.D	1	03/12/10	NAF	03/10/10	OP32117	SX531
Run #2							

	Initial Weight	Final Volume
Run #1	29.6 g	1.0 ml
Run #2		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1000	410	ug/kg	
95-57-8	2-Chlorophenol	ND	210	41	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	210	41	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	210	41	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	210	46	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	1000	410	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	410	41	ug/kg	
95-48-7	2-Methylphenol	ND	210	41	ug/kg	
	3&4-Methylphenol	ND	210	41	ug/kg	
88-75-5	2-Nitrophenol	ND	210	41	ug/kg	
100-02-7	4-Nitrophenol	ND	1000	410	ug/kg	
87-86-5	Pentachlorophenol	ND	1000	410	ug/kg	
108-95-2	Phenol	ND	210	41	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	210	41	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	210	41	ug/kg	
83-32-9	Acenaphthene	ND	210	41	ug/kg	
208-96-8	Acenaphthylene	ND	210	41	ug/kg	
120-12-7	Anthracene	ND	210	41	ug/kg	
92-87-5	Benzidine	ND	2100	870	ug/kg	
56-55-3	Benzo(a)anthracene	ND	210	41	ug/kg	
50-32-8	Benzo(a)pyrene	ND	210	41	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	210	41	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	210	41	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	210	41	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	210	41	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	410	83	ug/kg	
100-51-6	Benzyl Alcohol	ND	210	41	ug/kg	
91-58-7	2-Chloronaphthalene	ND	210	41	ug/kg	
106-47-8	4-Chloroaniline	ND	210	41	ug/kg	
218-01-9	Chrysene	ND	210	41	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	210	41	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	210	41	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-BOTTOM 1-9.5		
Lab Sample ID:	F71886-9	**Date Sampled:**	03/05/10
Matrix:	SO - Soil	**Date Received:**	03/06/10
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	81.6
Project:	Holloman AFB; WPOL		

ABN Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	bis(2-Chloroisopropyl)ether	ND	210	41	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	210	41	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	210	83	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	210	83	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	210	83	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	210	41	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	210	41	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	410	83	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	210	41	ug/kg	
132-64-9	Dibenzofuran	ND	210	41	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	410	83	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	410	83	ug/kg	
84-66-2	Diethyl phthalate	ND	410	210	ug/kg	
131-11-3	Dimethyl phthalate	ND	410	83	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	410	210	ug/kg	
206-44-0	Fluoranthene	ND	210	41	ug/kg	
86-73-7	Fluorene	ND	210	41	ug/kg	
118-74-1	Hexachlorobenzene	ND	210	41	ug/kg	
87-68-3	Hexachlorobutadiene	ND	210	41	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	210	41	ug/kg	
67-72-1	Hexachloroethane	ND	210	100	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	210	41	ug/kg	
78-59-1	Isophorone	ND	210	41	ug/kg	
91-57-6	2-Methylnaphthalene	ND	210	41	ug/kg	
88-74-4	2-Nitroaniline	ND	410	83	ug/kg	
99-09-2	3-Nitroaniline	ND	410	83	ug/kg	
100-01-6	4-Nitroaniline	ND	410	83	ug/kg	
91-20-3	Naphthalene	ND	210	41	ug/kg	
98-95-3	Nitrobenzene	ND	210	41	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	210	41	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	210	41	ug/kg	
85-01-8	Phenanthrene	ND	210	41	ug/kg	
129-00-0	Pyrene	ND	210	41	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	210	41	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	75%		40-102%
4165-62-2	Phenol-d5	77%		41-100%
118-79-6	2,4,6-Tribromophenol	89%		42-108%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-BOTTOM 1-9.5		
Lab Sample ID:	F71886-9	**Date Sampled:**	03/05/10
Matrix:	SO - Soil	**Date Received:**	03/06/10
Method:	SW846 8270C SW846 3550B	**Percent Solids:**	81.6
Project:	Holloman AFB; WPOL		

ABN Special List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-60-0	Nitrobenzene-d5	73%		40-105%
321-60-8	2-Fluorobiphenyl	68%		43-107%
1718-51-0	Terphenyl-d14	98%		45-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-BOTTOM 1-9.5		
Lab Sample ID:	F71886-9	**Date Sampled:**	03/05/10
Matrix:	SO - Soil	**Date Received:**	03/06/10
Method:	SW846 8015 SW846 5035	**Percent Solids:**	81.6
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	QR053069.D	1	03/11/10	AH	03/06/10 14:43	n/a	GQR2294
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.03 g	5.0 ml	100 ul
Run #2			

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH-GRO (C6-C10)	ND	7.2	3.6	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	87%		56-136%
98-08-8	aaa-Trifluorotoluene	69%		61-121%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WPOL-BOTTOM 1-9.5		
Lab Sample ID:	F71886-9	**Date Sampled:**	03/05/10
Matrix:	SO - Soil	**Date Received:**	03/06/10
Method:	SW846 8015 M SW846 3550B	**Percent Solids:**	81.6
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	LL29577.D	1	03/18/10	ME	03/11/10	OP32128	GLL1128
Run #2							

	Initial Weight	Final Volume
Run #1	30.8 g	1.0 ml
Run #2		

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C22)	ND	9.9	6.0	mg/kg	
	TPH (> C22-C36)	11.1	9.9	6.0	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
84-15-1	o-Terphenyl	81%		49-108%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	F71886-10	**Date Sampled:**	03/05/10
Matrix:	SO - Trip Blank Soil	**Date Received:**	03/06/10
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Holloman AFB; WPOL		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G0063014.D	1	03/08/10	MM	n/a	n/a	VG2383
Run #2							

	Initial Weight
Run #1	5.00 g
Run #2	

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	50	21	ug/kg	
75-05-8	Acetonitrile	ND	50	28	ug/kg	
107-02-8	Acrolein	ND	25	10	ug/kg	
107-13-1	Acrylonitrile	ND	25	10	ug/kg	
107-05-1	Allyl chloride	ND	25	5.0	ug/kg	
71-43-2	Benzene	ND	5.0	1.0	ug/kg	
100-44-7	Benzyl Chloride	ND	5.0	2.0	ug/kg	
108-86-1	Bromobenzene	ND	5.0	1.2	ug/kg	
74-97-5	Bromochloromethane	ND	5.0	1.7	ug/kg	
75-27-4	Bromodichloromethane	ND	5.0	1.0	ug/kg	
75-25-2	Bromoform	ND	5.0	1.8	ug/kg	
104-51-8	n-Butylbenzene	ND	5.0	1.3	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.0	1.2	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.0	1.2	ug/kg	
108-90-7	Chlorobenzene	ND	5.0	1.0	ug/kg	
75-00-3	Chloroethane	ND	5.0	2.0	ug/kg	
67-66-3	Chloroform	ND	5.0	1.0	ug/kg	
544-10-5	1-Chlorohexane	ND	5.0	1.3	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.0	1.3	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.0	1.0	ug/kg	
110-75-8	2-Chloroethyl vinyl ether	ND	25	10	ug/kg	
75-15-0	Carbon disulfide	ND	5.0	2.4	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.0	1.6	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.0	1.5	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	5.0	2.3	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.0	1.0	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	2.5	ug/kg	
106-93-4	1,2-Dibromoethane	ND	5.0	1.0	ug/kg	
107-06-2	1,2-Dichloroethane	ND	5.0	1.2	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.0	1.0	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.0	1.7	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.0	1.1	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	F71886-10	**Date Sampled:**	03/05/10
Matrix:	SO - Trip Blank Soil	**Date Received:**	03/06/10
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Holloman AFB; WPOL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
124-48-1	Dibromochloromethane	ND	5.0	1.7	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	2.1	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	5.0	1.0	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	1.0	ug/kg	
1476-11-5	cis-1,4-Dichloro-2-Butene	ND	25	5.0	ug/kg	
541-73-1	m-Dichlorobenzene	ND	5.0	1.2	ug/kg	
95-50-1	o-Dichlorobenzene	ND	5.0	1.1	ug/kg	
106-46-7	p-Dichlorobenzene	ND	5.0	1.5	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	5.0	1.9	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	1.1	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	1.1	ug/kg	
97-63-2	Ethyl methacrylate	ND	25	5.0	ug/kg	
76-13-1	Freon 113	ND	5.0	2.6	ug/kg	
591-78-6	2-Hexanone	ND	25	12	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.0	2.3	ug/kg	
110-54-3	Hexane	ND	5.0	2.0	ug/kg	
98-82-8	Isopropylbenzene	ND	5.0	1.4	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.0	1.0	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	25	8.3	ug/kg	
126-98-7	Methacrylonitrile	ND	25	10	ug/kg	
74-83-9	Methyl bromide	ND	5.0	2.0	ug/kg	
74-87-3	Methyl chloride	ND	5.0	2.5	ug/kg	
74-88-4	Methyl iodide	ND	10	2.4	ug/kg	
80-62-6	Methyl methacrylate	ND	5.0	2.5	ug/kg	
74-95-3	Methylene bromide	ND	5.0	2.1	ug/kg	
75-09-2	Methylene chloride	ND	10	5.0	ug/kg	
78-93-3	Methyl ethyl ketone	ND	25	7.5	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	2.3	ug/kg	
91-20-3	Naphthalene	ND	5.0	2.0	ug/kg	
76-01-7	Pentachloroethane	ND	25	5.0	ug/kg	
107-12-0	Propionitrile	ND	50	20	ug/kg	
103-65-1	n-Propylbenzene	ND	5.0	1.5	ug/kg	
100-42-5	Styrene	ND	5.0	1.0	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	1.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.0	1.8	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	1.3	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.0	1.3	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	2.0	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.6	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	2.0	ug/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	F71886-10	**Date Sampled:**	03/05/10
Matrix:	SO - Trip Blank Soil	**Date Received:**	03/06/10
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Holloman AFB; WPOL		

VOA Special List

CAS No.	Compound	Result	RL	MDL	Units	Q
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	1.1	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	1.5	ug/kg	
127-18-4	Tetrachloroethylene	ND	5.0	1.8	ug/kg	
108-88-3	Toluene	ND	5.0	1.2	ug/kg	
79-01-6	Trichloroethylene	ND	5.0	1.6	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	2.6	ug/kg	
110-57-6	Trans-1,4-Dichloro-2-Butene	ND	25	5.0	ug/kg	
75-01-4	Vinyl chloride	ND	5.0	2.0	ug/kg	
108-05-4	Vinyl Acetate	ND	25	15	ug/kg	
	m,p-Xylene	ND	10	1.2	ug/kg	
95-47-6	o-Xylene	ND	5.0	1.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		80-121%
2037-26-5	Toluene-D8	93%		71-130%
460-00-4	4-Bromofluorobenzene	103%		59-148%
17060-07-0	1,2-Dichloroethane-D4	95%		77-123%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Certification Exceptions
- Chain of Custody

NATIONVIEW

F71886

Chain of Custody and Analytical Request

Page: of

Project No: 8090012.02.01

COC Number(1): 03052010

LIMS Number:

Facility/Base I.D.: Holloman Air Force Base

Project/Site Name: WPOL

Client Name: USACE

Collected by: T Lucero

	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	8260 VOC'S + HEXANE	8270 SVOC'S	8015 ORO,DRO	8015 GRO	PERCENT MOISTURE				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	WPOL-SW 1 - 8'	WPOL-SW 1 - 8'	05032010	1000	8 - 8	N	1	SO	4	☒	☒	☒	☒	☒							1
2	WPOL-SW 2 - 8'	WPOL-SW 2 - 8'	05032010	1015	8 - 8	N	1	SO	4	☒	☒	☒	☒	☒							1
3	WPOL-SW 3 - 8'	WPOL-SW 3 - 8'	05032010	1030	8 - 8	N	1	SO	4	☒	☒	☒	☒	☒							1
4	WPOL-SW 4 - 8'	WPOL-SW 4 - 8'	05032010	1045	8 - 8	N	1	SO	4	☒	☒	☒	☒	☒							1
5	WPOL-SW 5 - 8'	WPOL-SW 5 - 8'	05032010	1100	8 - 8	N	1	SO	4	☒	☒	☒	☒	☒							1
6	WPOL-SW 6 - 8'	WPOL-SW 6 - 8'	05032010	1115	8 - 8	N	1	SO	4	☒	☒	☒	☒	☒							1
7	WPOL-SW 7 - 8'	WPOL-SW 7 - 8'	05032010	1130	8 - 8	N	1	SO	4	☒	☒	☒	☒	☒							1
8	WPOL-SW 8 - 8'	WPOL-SW 8 - 8'	05032010	1145	8 - 8	N	1	SO	4	☒	☒	☒	☒	☒							1
9	WPOL-Bottom 1- 9.5	WPOL-Bottom 1- 9.5	05032010	1200	9.5 - 9.5	N	1	SO	4	☒	☒	☒	☒	☒							1
10	TRIP BLANK	FIELD QC	05032010	1000	-	TB	1	AQ	1	☒											

COMMENTS:

Email resultsto : rrenvironmental@zianet.com , tlucero@nationview.net , molive@bhate.com , ywatts@bhate.com

Custody Transfers Prior to Receipt by Laboratory

	Relinquished By (Signed)	Date	Time		Received by (signed)	Date	Time
1.	Tony Lucero	3052010	1600	1.	[illegible]	03.06.00	0930
2.				2.			
3.				3.			

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab: Shipped No.:

Method of Shipment: Fed Ex Airbill Number: 793327226452

Analytical Lab: Accutest Delivery Location: Orlando FL

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

3.4

4.1

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F71886: Chain of Custody

Page 1 of 2

ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: F71886 CLIENT: Nationview PROJECT: WPOL

DATE/TIME RECEIVED: 03.06.10 0930 {MM/DD/YY 24:00} NUMBER OF COOLERS RECEIVED: 1

METHOD OF DELIVERY: (FEDEX) UPS ACCUTEST COURIER GREYHOUND DELIVERY OTHER

AIRBILL NUMBERS: 7640 1153 7121

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
- [ ] WET ICE PRESENT

TRIP BLANK INFORMATION

- [x] TRIP BLANK PROVIDED
- [ ] TRIP BLANK NOT PROVIDED
- [ ] TRIP BLANK NOT ON COC
- [x] TRIP BLANK INTACT
- [ ] TRIP BLANK NOT INTACT
- [ ] RECEIVED WATER TRIP BLANK
- [x] RECEIVED SOIL TRIP BLANK

MISC. INFORMATION

NUMBER OF ENCORES ? 27

NUMBER OF 5035 FIELD KITS ? TB

NUMBER OR LAB FILTERED METALS ? Ø

TEMPERATURE INFORMATION

- [ ] IR THERM ID 3 CORR. FACTOR Ø
- [ ] OBSERVED TEMPS: 3.4
- [ ] CORRECTED TEMPS: 3.4

SAMPLE INFORMATION

- [ ] SAMPLE LABELS PRESENT ON ALL BOTTLES
- [ ] INCORRECT NUMBER OF CONTAINERS USED
- [ ] SAMPLE RECEIVED IMPROPERLY PRESERVED
- [ ] INSUFFICIENT VOLUME FOR ANALYSIS
- [ ] DATES/TIMES ON COC DO NOT MATCH SAMPLE LABEL
- [ ] ID'S ON COC DO NOT MATCH LABEL
- [ ] VOC VIALS HAVE HEADSPACE (MACRO BUBBLES)
- [ ] BOTTLES RECEIVED BUT ANALYSIS NOT REQUESTED
- [ ] NO BOTTLES RECEIVED FOR ANALYSIS REQUESTED
- [ ] UNCLEAR FILTERING OR COMPOSITING INSTRUCTIONS
- [ ] SAMPLE CONTAINER(S) RECEIVED BROKEN
- [ ] % SOLIDS JAR NOT RECEIVED
- [ ] 5035 FIELD KIT FROZEN WITHIN 48 HOUR'S
- [ ] RESIDUAL CHLORINE PRESENT

{APPICABLE TO EPA 600 SERIES OR NORTH CAROLINA ORGANICS}

SUMMARY OF COMMENTS:

TECHNICIAN SIGNATURE/DATE ET 03.06.10 REVIEWER SIGNATURE/DATE 07-06-10

NF 10/09 RECEIPT CONFIRMATION 100609 (2).xls

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F71886: Chain of Custody
Page 2 of 2

Southeast ACCUTEST Laboratories

IT'S ALL IN THE CHEMISTRY

07/07/08

Technical Report for

Bhate Environmental Associates, Inc.

HOLMN

PROJECT # 9040238 11.01

Accutest Job Number: F48885

Sampling Date: 04/16/07

Report to:

Bhate Environmental Associates, Inc.

zbeck@bhate.com

ATTN: Zack Beck

Total number of pages in report: **10**

ACCREDITED IN ACCORDANCE WITH nelac

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 (DOH E83510), NC (573), NJ (FL002), MA (FL946), IA (366), LA (03051), KS (E-10327), SC, AK

This report shall not be reproduced, except in its entirety, without the written approval of Accutest Laboratories.

Test results relate only to samples analyzed.

ACCUTEST LABORATORIES 50 YEARS 1956-2006

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Section 2: Case Narrative/Conformance Summary **4**
Section 3: Sample Results **5**
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Accutest LabLink@78276 12:44 07-Jul-2008

Sample Summary

Bhate Environmental Associates, Inc.

Job No: F48885

HOLMN
Project No: PROJECT # 9040238 11.01

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
F48885-1	04/16/07	15:15	KTCM	04/20/07	SO	Soil	WPOL-DP01-5
F48885-2	04/16/07	14:25	KTCM	04/20/07	SO	Soil	WPOL-DP04-5

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:** F48885

Site: HOLMN **Report Date** 5/15/2007 12:32:52

2 Samples were collected on 04/16/2007 and received at Accutest on 04/20/2007 properly preserved, at 20.4 Deg. C and intact. These Samples received an Accutest job number of F48885. 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:** GN25426

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Sample(s) F48885-1DUP were used as the QC samples for Specific Gravity.

Wet Chemistry By Method ASTM D2937-94 M

Matrix: SO **Batch ID:** GN25289

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Sample(s) F45677-7DUP were used as the QC samples for Bulk Density (Dry Basis).

Wet Chemistry By Method ASTM D2974-87

Matrix: SO **Batch ID:** GN25303

All samples were analyzed within the recommended method holding time.

All method blanks for this batch meet method specific criteria.

Sample(s) F49101-4DUP were used as the QC samples for Fractional Organic Carbon.

Wet Chemistry By Method EPA 160.3 M

Matrix: SO **Batch ID:** GN25313

Sample(s) F48885-2DUP were used as the QC samples for Moisture, Percent.

RPD(s) for Duplicate for Moisture, Percent are outside control limits for sample GN25313-D1. Probable cause due to sample homogeneity.

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: May 15, 2007

Svetlana Izosimova, QAO (signature on file)

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	WPOL-DP01-5		
Lab Sample ID:	F48885-1	**Date Sampled:**	04/16/07
Matrix:	SO - Soil	**Date Received:**	04/20/07
		Percent Solids:	83.1
Project:	HOLMN		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Bulk Density (Dry Basis)	1.4		g/ml	1	05/05/07	SJL	ASTM D2937-94 M
Fractional Organic Carbon	4.0		%	1	05/07/07 08:35	LE	ASTM D2974-87
Moisture, Percent	16.9		%	1	05/07/07	SJL	EPA 160.3 M
Specific Gravity	1.6			1	05/14/07	LE	ASTM 1429

RL = Reporting Limit

Report of Analysis

Client Sample ID:	WPOL-DP04-5		
Lab Sample ID:	F48885-2	**Date Sampled:**	04/16/07
Matrix:	SO - Soil	**Date Received:**	04/20/07
		Percent Solids:	88.3
Project:	HOLMN		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Bulk Density (Dry Basis)	1.6		g/ml	1	05/05/07	SJL	ASTM D2937-94 M
Fractional Organic Carbon	5.2		%	1	05/07/07 08:35	LE	ASTM D2974-87
Moisture, Percent	11.7		%	1	05/07/07	SJL	EPA 160.3 M
Specific Gravity	1.8			1	05/14/07	LE	ASTM 1429

RL = Reporting Limit

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

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

F48885

Page 1 of 1

Project Number: 9040238 11.01

Chain of Custody Number (1): 04162007-015

LIMS Number:

Facility/Base I.D.: Holloman Air Force Base, New Mexico

Project Name / Site Name: HAFB Groundwater Monitoring West POL Yard

Client Name: USACE

Collected by: K. Thompson, C. McGriff, 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	Moisture Content (Lab.SM)	Specific Gravity (ASTM D429)	FOC (ASTM 2974)	Dry Bulk Density (ASTM D2937)					Ambient Blank Lot Control Number	Equipment Blank Lot Control Number	Trip Blank Lot Control Number	Cooler ID
1	WPOL-DP01-5		16 APR2007	1515	0 - 5	N		SO	1	x	x	x	x								1
2	WPOL-DP04-5		16 APR2007	1425	0 - 5	N		SO	1	x	x	x	x								2
					-																
					-																
					-																
					-																
					-																
					-																
					-																
					-																
					-																

Sample Analysis Requested (5) — Quality Assurance Samples (6)

COMMENTS: NOTE: BLACK CAP INDICATES TOP, RED CAP INDICATES BOTTOM

Custody Transfers Prior to Receipt by Laboratory

Relinquished by (Signed)	Date	Time	Received by (signed)	Date	Time
1.	4/19/07	0800	1. FX		
2. FX			2. Jorge Ramal	4-20-07	
3.			3.		09:50

Sample Delivery Details / Laboratory Receipt

Delivered Directly to Lab: _____ Shipped No.: _____

Method of Shipment: FEDEX Airbill Number: _____

Analytical Lab: ACCUTEST Delivery Location: ORLANDO, FL

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

4.1

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F48885: Chain of Custody
Page 1 of 2

ACCUTEST LABORATORIES SAMPLE RECEIPT CONFIRMATION

ACCUTEST'S JOB NUMBER: F48885 CLIENT: BHATE PROJECT: HAFB GROUND WATER

DATE/TIME RECEIVED: 4-20-07 09:00 # OF COOLERS RECEIVED: N COOLER TEMPS: 20.4

METHOD OF DELIVERY: (FEDEX) UPS ACCUTEST COURIER GREYHOUND DELIVERY OTHER

AIRBILL NUMBERS: 8610 5635 3605

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 ? ϕ

NUMBER OF 5035 FIELD KITS ? ϕ

NUMBER OR LAB FILTERED METALS ? ϕ

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 JC 4-20-07 TECHNICIAN SIGNATURE/DATE

ASBD 10/03/06

4.1

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F48885: Chain of Custody

Page 2 of 2

APPENDIX E

DATA VALIDATION REPORTS

Appendix E-1

2007 ACM Data Validation Reports

QUALITY CONTROL SUMMARY REPORT

Project Name -	Holloman West POL
Bhate Project No. -	9040238
Analytical Lab -	STL Savannah, Georgia
Sample Delivery Group -	HOLL010
Sample Date -	October 5, 2006
Analyses -	Nine soil samples analyzed by methods SW8260B, SW8270C, and SW8015B; three trip blanks
Prepared by -	Marcia Olive, Bhate Environmental, Denver, CO

I. SAMPLE CUSTODY AND PRESERVATION

All samples were properly packaged, preserved and received by the laboratory.

II. HOLDING TIMES

All samples were prepared and analyzed within method specific sample holding times.

III. BLANKS

No target compounds were detected in the method blanks or the trip blanks.

IV. LABORATORY CONTROL SAMPLES (LCS)

In method SW8260B, 1,1-dichloropropene reported a percent recovery (%R) above the QC limits for samples FLSS17-L13-B1R, FLSS17-L13-B2R, FLSS17-L13-B3R, FLSS17-L13-B4R, WPOL-SW21, and WPOL-SW24. This compound was non-detect (U) in the samples and no qualification was required. Dichlorodifluoromethane reported a %R less than the QC limits for samples WPOL-SW20, WPOL-SW22, and WPOL-Stockpile. This compound was non-detect (U) in all samples and qualified non-detected estimated (UJ). 4-Methyl-2-pentanone reported a %R less than the lower QC limits, since this compound was associated with the trip blanks no qualification was required.

In method SW8270C, benzoic acid reported a %R less than the lower QC limits for samples FLSS17-L13-B1R, FLSS17-L13-B2R, FLSS17-L13-B3R, FLSS17-L13-B4R, WPOL-SW20, WPOL-SW21, and WPOL-Stockpile. This compound was non-detect (U) in all samples and qualified non detected estimated (UJ).

V. SURROGATES

In method SW8260B, 4-bromofluorobenzene in sample WPOL-SW20 reported a %R above control limits and reanalyzed with subsequent recovery also above control limits. All detected compounds, from the second run, were qualified estimated (J).

In method SW8270C, 2-fluorophenol and phenol-d5 recoveries were below QC limits in the matrix spike associated with sample FLSS17-L13-B1R. Using professional judgement, no qualification of the data was required.

High concentrations of TPH-DRO were detected in samples FLSS17-L13-B4R and WPOL-SW20, and as a result both samples required dilution. Because of the dilution requirement the surrogate was diluted out. Qualification of the associated data was not required.

VI. OVERALL ASSESSMENT OF DATA

For samples WPOL-SW20, WPOL-SW22, and WPOL-Stockpile a dilution was required due to interfering, non-target compounds and elevated Reporting Limits (RL) were reported.

Overall, the data should be 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
WPOL-SW20	Dichlorodifluoromethane	1,800 UJ
WPOL-SW22		660 UJ
WPOL-Stockpile		720 UJ
FLSS17-L13-B1R	Benzoic acid	2,000 UJ
FLSS17-L13-B2R		2,000 UJ
FLSS17-L13-B3R		2,400 UJ
FLSS17-L13-B4R		2,500 UJ
WPOL-SW20		2,600 UJ
WPOL-SW21		2,400 UJ
WPOL-SW-Stockpile		2,300 UJ
WPOL-SW20	n-Butylbenzene	9,300 J
	sec-Butylbenzene	7,300 J
	Ethylbenzene	2,500 J
	Isopropylbenzene	1,900 J
	p-Isopropyltoluene	6,100 J
	n-Propylbenzene	3,700 J
	1,2,4-Trimethylbenzene	12,000 J
	1,3,5-Trimethylbenzene	4,000 J

*Results are in micrograms per kilogram (µg/kg)

QUALITY CONTROL SUMMARY REPORT

Project Name -	Holloman West POL
Bhate Project No. -	9040238
Analytical Lab -	STL Savannah, Georgia
Sample Delivery Group -	HOLL011
Analyses -	Five samples for SW8260B, SW8270C, and SW8015B
Prepared by -	Judy Solomon, Bhate Environmental, Birmingham, AL

I. SAMPLE CUSTODY AND PRESERVATION

All samples were properly packaged, preserved, and received by the laboratory.

II. HOLDING TIMES

All samples were prepared and analyzed within method specific sample holding times.

III. BLANKS

With the exception of the Total Petroleum Hydrocarbon - Diesel Range Organics (TPH-DRO) method blank, no target compounds were detected in the method blanks of the remaining analysis. Because the field sample concentrations of TPH-DRO were greater than five times the amount detected in the method blank, qualification of the field data was not required.

IV. LABORATORY CONTROL SAMPLES (LCS)

The percent recovery (%R) for trichlorofluoromethane, dichlorodifluoromethane, and benzoic acid were below the QC limits. Although those compounds were not detected in the field samples, the associated data were qualified as non-detected estimated, UJ. Dichlorodifluoromethane was associated with the trip blank and qualification was not required.

V. SURROGATES

Due to the high concentration of semi-volatile compounds in sample WPOL-SW26, all six surrogates were diluted out beyond calculation. Qualification of the data was not required.

High concentrations of TPH-DRO were also detected in samples WPOL-SW26 and WPOL-SW27, and as a result both samples were diluted, and the surrogates were diluted out beyond calculation. Again, qualification of the associated data was not required. All other surrogates in the field samples met the method specific QC requirements for the %Rs.

VI. OVERALL ASSESSMENT OF DATA

Overall, the data should be 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
WPOL-SW26	Trichlorofluoromethane	1,600 UJ
WPOL-SW26	Benzoic acid	25,000 UJ
WPOL-SW27	Trichlorofluoromethane	750 UJ
WPOL-SW27	Benzoic acid	2,400 UJ
WPOL-SW28	Trichlorofluoromethane	270 UJ
WPOL-SW28	Benzoic acid	2,400 UJ

* = Results are in micrograms per kilogram (µg/kg)

QUALITY CONTROL SUMMARY REPORT

Project Name -	Holloman West POL
Bhate Project No. -	9040238
Analytical Lab -	STL Savannah, Georgia
Sample Delivery Group -	HOLL012
Analyses -	Three samples for SW8260B, SW8270C, and SW8015B
Prepared by -	Judy Solomon, Bhate Environmental, Birmingham, AL

I. SAMPLE CUSTODY AND PRESERVATION

All samples were properly packaged, preserved, and received by the laboratory.

II. HOLDING TIMES

All samples were prepared and analyzed within method specific sample holding times.

III. BLANKS

No target compounds were detected in the method blanks of all of the analysis.

IV. LABORATORY CONTROL SAMPLES (LCS)

The percent recovery (%R) for benzene and Freon 113 were below the QC limits. Although those compounds were not detected in the field samples, the associated data were qualified as non-detected estimated, UJ. All other LCS requirements were met.

V. SURROGATES

With the exception of one surrogate which was below the QC limits in the semi-volatile analysis of sample WPOL-SW30, all other surrogates in the field samples met the method specific QC requirements for the %Rs.

VI. OVERALL ASSESSMENT OF DATA

Overall, the data should be 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
WPOL-SW29	Benzene	6.6 UJ
WPOL-SW29	Freon 113	6.6 UJ
WPOL-SW30	Benzene	5.6 UJ
WPOL-SW30	Freon 113	5.6 UJ
WPOL-SW31	Benzene	7.4 UJ
WPOL-SW31	Freon 113	7.4 UJ

* = Results are in micrograms per kilogram (µg/kg)

QUALITY CONTROL SUMMARY REPORT

Project Name -	Holloman West POL
Bhate Project No. -	9040238
Analytical Lab -	STL Savannah, Georgia
Sample Delivery Group -	HOLL013
Analyses -	Three samples for SW8260B, SW8270C, and SW8015B
Prepared by -	Judy Solomon, Bhate Environmental, Birmingham, AL

I. SAMPLE CUSTODY AND PRESERVATION

All samples were properly packaged, preserved, and received by the laboratory.

II. HOLDING TIMES

All samples were prepared and analyzed within method specific sample holding times.

III. BLANKS

No target compounds were detected in the method blanks of all of the analysis.

IV. LABORATORY CONTROL SAMPLES (LCS)

The percent recovery (%R) for benzene and Freon 113 were below the QC limits. Although those compounds were not detected in the field samples, the associated data were qualified as non-detected estimated, UJ. All other LCS requirements were met.

V. SURROGATES

All surrogates met the method specific QC requirements for the %Rs.

VI. OVERALL ASSESSMENT OF DATA

Overall, the data should be 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
WPOL-SW23A	Benzene	5.6 UJ
WPOL-SW23A	Freon 113	5.6 UJ
WPOL-SW23B	Benzene	6.1 UJ
WPOL-SW23B	Freon 113	6.1 UJ
WPOL-SW23C	Benzene	5.5 UJ
WPOL-SW23C	Freon 113	5.5 UJ

* = Results are in micrograms per kilogram (µg/kg)

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, New Mexico, on April 18, 2007. Four aqueous samples and six trip blanks were taken from the West POL site for analyses. All analyses were performed by Accutest Laboratories of Orlando, Florida. The specific samples included in this validation were:

Sample ID	Matrix	Collection Date	Lab SDG	Analyses (USEPA Method Number)
WPOL-MW01	Water	04/18/07	F48898	VOCs (SW8260B); SVOCs (SW8270C); TPH-GRO, DRO, ORO (SW8015/8015M); TDS (160.1)
WPOL-MW02	Water	4/18/07	F48898	VOCs (SW8260B); SVOCs (SW8270C); TPH-GRO, DRO, ORO (SW8015/8015M); TDS (160.1)
WPOL-MW03	Water	4/18/07	F48898	VOCs (SW8260B); SVOCs (SW8270C); TPH-GRO, DRO, ORO (SW8015/8015M); TDS (160.1)
WPOL-MW04-a	Water	4/18/07	F48898	VOCs (SW8260B); SVOCs (SW8270C); TPH-GRO, DRO, ORO (SW8015/8015M); TDS (160.1)
SDG – Sample Delivery Group, USEPA – U.S. Environmental Protection Agency, VOCs – Volatile Organic Compounds, SVOCs – Semi-volatile Organic Compounds, TPH – Total Petroleum Hydrocarbons, GRO – Gasoline Range Organics, DRO – Diesel Range Organics, ORO – Oil Range Organics, TDS – Total Dissolved Solids				

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 Inorganic Data Review* (USEPA, October 2004), and in the *USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review* (USEPA, October 1999).

Sample Handling and Holding Times

All samples were properly preserved and transferred under chain-of-custody to the laboratory for analysis and analyzed within the required holding times.

Blanks

Methylene chloride was detected in the trip blanks associated with the samples. Acetone was detected in the trip blank linked with the matrix spike duplicate. Acetone and

methylene chloride were detected in the method blank related to all samples and trip blanks. These compounds are common laboratory contaminants and since they were not detected in any sample, no qualification of the sample data was required.

Blank Spike Sample (Laboratory Control Sample)/ Surrogates

All laboratory control sample (LCS) results met the QC requirements for the percent recoveries (%Rs) for all analysis.

The surrogate recovery for phenol-d5 in the matrix spike/matrix spike duplicate (MS/MSD) samples was above QC limits. All additional semi-volatile surrogate recoveries were within QC limits as well as the surrogate recovery within limits for the sample. Therefore, qualification of the data was not required.

All other surrogates met the required QC recovery limits for all analysis.

Matrix Spike/Matrix Spike Duplicates

In method SW8260B, the MS/MSD recoveries and/or relative percent difference (RPD) for acetone, allyl chloride, benzene, bromobenzene, bromochloromethane, bromodichloromethane, bromoform, n-butylbenzene, sec-butylbenzene, tert-butylbenzene, chlorobenzene, chloroethane, chloroform, 1-chlorohexane, o-chlorotoluene, p-chlorotoluene, 2-chloroethyl vinyl ether, carbon disulfide, carbon tetrachloride, 1,1-dichloroethane, 1,1-dichloroethylene, 1,1-dichloropropene, 1,2-dibromo-3-chloropropane, 1,2-dibromoethane, 1,2-dichloroethane, 1,2-dichloropropane, 1,3-dichloropropane, 2,2-dichloropropane, dibromochloromethane, dichlorodifluoromethane, cis-1,2-dichloroethylene, cis-1,3-dichloropropene, cis-1,4-dichloro-2-butene, m-dichlorobenzene, o-dichlorobenzene, p-dichlorobenzene, trans-1,2-dichloroethylene, trans-1,3-dichloropropene, ethylbenzene, ethyl methacrylate, Freon 113, hexachlorobutadiene, hexane, isopropylbenzene, p-isopropyltoluene, methyl bromide, methyl iodide, methylene bromide, methylene chloride, methyl tert butyl ether, naphthalene, pentachloroethane, n-propylbenzene, styrene, 1,1,1,2-tetrachloroethane, 1,1,1-trichloroethane, 1,1,2-trichloroethane, 1,2,3-trichlorobenzene, 1,2,4-trichlorobenzene, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, tetrachloroethylene, toluene, trichloroethylene, trichlorofluoromethane, trans-1,4-dichloro-2-butene, m,p-xylene and o-xylene were outside control limits due to matrix interference.

In method SW8270C, the MS/MSD recoveries for benzidine and 3,3’-dichlorobenzidine were outside QC limits.

Method performances were cross referenced with the associated LCSs, which met the QC requirements. Therefore, qualification of the sample data was not required.

Project Specific Quality Assurance/Quality Control

In sample WPOL-MW03 the analysis for TPH-GRO was verified via a confirmation run.

The duplicate result for TDS was within QC limits.

Compound Quantitation and Reporting Limits

All compounds were reported down to the specific RL without dilutions.

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. The data is 100% complete.

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, New Mexico, on April 18-24, 2007. Three aqueous samples and one trip blank were taken from the West POL site for analyses. All analyses were performed by Accutest Laboratories of Orlando, Florida. The specific samples included in this validation were:

Sample ID	Matrix	Collection Date	Lab SDG	Analyses (USEPA Method Number)
WPOL-MW04	Water	04/18/07	F48994	VOCs (SW8260B), TPH-GRO (SW8015)
WPOL-MW04	Water	4/23/07	F48994	SVOCs (SW8270C), TDS (160.1)
WPOL-MW04	Water	4/24/07	F48994	TPH-DRO, ORO (SW8015M)
SDG – Sample Delivery Group, USEPA – U.S. Environmental Protection Agency, VOCs – Volatile Organic Compounds, SVOCs – Semi-volatile Organic Compounds, TPH – Total Petroleum Hydrocarbons, GRO – Gasoline Range Organics, DRO – Diesel Range Organics, ORO – Oil Range Organics, TDS – Total Dissolved Solids				

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 Inorganic Data Review* (USEPA, October 2004), and in the *USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review* (USEPA, October 1999).

Sample Handling and Holding Times

All samples were properly preserved and transferred under chain-of-custody to the laboratory for analysis and analyzed within the required holding times except for the trip blank which was re-analyzed one day beyond hold time. This reanalysis confirmed the results of the original analysis. Also, significant headspace was recorded in the sample vial from the second trip blank analysis. For reporting purposes the original analytical batch was used for the sample data therefore, no qualification of the sample data was required.

Blanks

1,2,3-Trichlorobenzene was detected in the method blank associated with the initial run. The method blank for the re-analysis reported a non-detect for this compound. In the trip blank, the result for this compound was reported from the second run. Since the reported data was from the original analysis and this compound was non-detect in the sample, no qualification of the sample data was required.

Blank Spike Sample (Laboratory Control Sample)/ Surrogates

All laboratory control sample (LCS) results met the QC requirements for the percent recoveries (%Rs) for all analysis.

The surrogate recovery for phenol-d5 in the matrix spike/matrix spike duplicate (MS/MSD) samples was above QC limits. All additional semi-volatile surrogate recoveries were within QC limits as well as this surrogate recovery within limits for the sample. Therefore, qualification of the data was not required.

All other surrogates met the required QC recovery limits for all analysis.

Matrix Spike/Matrix Spike Duplicates

In method SW8260B, the MS/MSD recoveries for 2-chloroethyl vinyl ether was outside control limits.

In method SW8270C, the MSD recovery and relative percent difference (RPD) for benzidine was outside QC limits.

Method performances were cross referenced with the associated LCSs, which met the QC requirements. Therefore, qualification of the sample data was not required.

The sample used for the MS/MSD analysis associated with the trip blank for run #2 was not preserved to a pH<2. As stated earlier, this data was not used for reporting purposes therefore no qualification was required.

Project Specific Quality Assurance/Quality Control

The duplicate result for TDS was within QC limits.

Compound Quantitation and Reporting Limits

All compounds were reported down to the specific RL without dilutions.

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. The data is 100% complete.

Appendix E-2

2009 ACM 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, New Mexico, on August 24, 2009. Ten soil samples and two trip blanks were taken from the West Petroleum, Oil, and Lubricants (WPOL) site for analyses. All analyses were performed by Accutest Laboratories of Orlando, Florida. The specific samples included in this validation were:

Sample ID	Matrix	Collection Date	Analyses (USEPA Method Number)
WPOL-SB22-6	Soil	8/24/09	VOCs (SW8260B), SVOCs (SW8270C), TPH-GRO/DRO/ORO (SW8015/8015M)
WPOL-SB22-10			
WPOL-SB24-8			
WPOL-SB24-8-A			
WPOL-SB24-10			
WPOL-SB23-6			
WPOL-SB23-6-A			
WPOL-SB23-10			
WPOL-SB26-2			
WPOL-SB26-10			
Notes: ID – Identification, USEPA – U.S. Environmental Protection Agency, VOCs – Volatile Organic Compounds, SVOCs – Semi-volatile Organic Compounds, TPH – Total Petroleum Hydrocarbons, GRO – Gasoline Range Organics, DRO – Diesel Range Organics, ORO – Oil Range Organics			

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 Inorganic Data Review* (USEPA, October 2004), and in the *USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review* (USEPA, June 2008).

Sample Handling and Holding Times

All samples were properly preserved and transferred under chain-of-custody to the laboratory for analysis and analyzed within the required holding times with the following exception. The volatile matrix spike/matrix spike duplicate summary associated with sample WPOL-SB26-2 was analyzed beyond hold time. The sample batched with this lab package was from another lot and therefore, the laboratory control sample (LCS) surrogate recoveries were used to determine data qualification, which were in control. No qualification was required.

Blanks

Both trip blanks, as well as all method blanks, yielded positive detections for methylene chloride. Those samples with positive results were qualified as estimated, "J". The method blanks associated with sample WPOL-SB22-6 yielded positive detections for 2-hexanone and hexachlorobutadiene. The method blank associated with sample WPOL-

SB26-2 yielded a positive detection for 2-hexanone. These compounds were not detected in either sample and no qualification was required.

Laboratory Control Sample (LCS)/Surrogates

The volatile compounds acetone, acetonitrile, acrylonitrile, hexane, methacrylonitrile, methyl methacrylate, methyl ethyl ketone, propionitrile, trans-1,4-dichloro-2-butene, and vinyl acetate yielded LCS percent recoveries (%Rs) above QC limits associated with all samples with the exception of WPOL-SB22-6 and WPOL-SB26-2. For sample WPOL-SB22-6 the LCS %Rs for carbon disulfide, hexane, methyl iodide, and trans-1,4-dichloro-2-butene were above QC limits. For sample WPOL-SB26-2 the LCS %Rs for acrylonitrile, allyl chloride, carbon disulfide, 1,1-dichloroethylene, hexane, methyl iodide, and trans-1,4-dichloro-2-butene were above QC limits. These compounds were not detected in the associated samples and no qualification was required.

Sample WPOL-SB22-6 yielded the semi-volatile surrogate recovery for nitrobenzene-d5 above QC limits. Since only one surrogate was outside control limits, no qualification was required. Also, the TPH-DRO/ORO surrogate recovery for o-terphenyl was ‘diluted out’ of the above mentioned sample. Since the surrogate recoveries for the blank and lab control spike were within control limits, no qualification was required.

The volatile surrogate recovery for dibromofluoromethane was below QC limits in the matrix spike/matrix spike duplicate summary. The associated sample surrogate recoveries as well as the LCS surrogate recoveries were within control limits and no qualification was required.

The TPH-GRO surrogate recovery for 4-bromofluorobenzene was outside control limits in the matrix spike/matrix spike duplicate summary when reported from the flame ionization detector (FID). When reported from the photoionization detector (PID), this surrogate was in control and no qualification was required.

Matrix Spike (MS)/Matrix Spike Duplicates (MSD)

The volatile MS/MSD %Rs and/or relative percent difference (RPD), for multiple compounds, were outside QC limits.

The semi-volatile MS and/or MSD %Rs for benzoic acid, 2,4-dinitrophenol, 3,6-dinitro-o-cresol, and hexachlorocyclopentadiene were outside QC limits.

The MS %R for TPH-GRO was outside control limits.

These results were cross referenced with their LCSs. The LCSs were either in control or when outside control limits these compounds did not yield any positive results. Therefore, no qualification was necessary.

Project Specific Quality Assurance/Quality Control

Two field duplicates were collected with this data set. No compounds were outside QAPP defined control limits.

Compound Quantitation and Reporting Limits

A confirmation run was required of sample WPOL-SB22-6 at a 10-fold dilution. This sample also required a dilution of the semi-volatile and TPH-DRO/ORO data. Elevated reporting limits (RLs) 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
WPOL-SB22-6	Methylene chloride	996 J
WPOL-SB22-10	Methylene chloride	8.2 J
WPOL-SB24-8	Methylene chloride	6.9 J
WPOL-SB24-8-A	Methylene chloride	10.3 J
WPOL-SB24-10	Methylene chloride	6 J
WPOL-SB26-10	Methylene chloride	21.9 J

*Results are in micrograms per kilogram (µg/kg)

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, New Mexico, on August 24, 2009. Six soil samples and one trip blank were taken from the West Petroleum, Oil, and Lubricants (WPOL) site for analyses. All analyses were performed by Accutest Laboratories of Orlando, Florida. The specific samples included in this validation were:

Sample ID	Matrix	Collection Date	Analyses (USEPA Method Number)
WPOL-SB25-5	Soil	8/24/09	VOCs (SW8260B), SVOCs (SW8270C), TPH-GRO/DRO/ORO (SW8015/8015M)
WPOL-SB25-10			
WPOL-SB27-6			
WPOL-SB27-9			
WPOL-SB28-3			
WPOL-SB28-9			
Notes: ID – Identification, USEPA – U.S. Environmental Protection Agency, VOCs – Volatile Organic Compounds, SVOCs – Semi-volatile Organic Compounds, TPH – Total Petroleum Hydrocarbons, GRO – Gasoline Range Organics, DRO – Diesel Range Organics, ORO – Oil Range Organics			

This data was validated against the laboratory's quality assurance (QA)/quality control (QC) limits using the guidelines and practices published in the *USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review* (USEPA, October 2004), and in the *USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review* (USEPA, June 2008).

Sample Handling and Holding Times

All samples were properly preserved and transferred under chain-of-custody to the laboratory for analysis and analyzed within the required holding times with the following exception. The volatile matrix spike/matrix spike duplicate summary associated with samples WPOL-SB27-9, WPOL-SB28-3, and WPOL-SB28-9 was analyzed beyond hold time. The sample batched with this lab package was from another lot and therefore, the laboratory control sample (LCS) surrogate recoveries were used to determine data qualification, which were in control, and no qualification was required.

Blanks

The trip blank yielded a positive detection for 4-methyl-2-pentanone. This compound was not detected in any sample and no qualification was required.

2-Hexanone and methylene chloride were detected in the method blanks associated with all samples. Hexachlorobutadiene was also detected in the method blank associated with samples WPOL-SB25-5, WPOL-SB25-10, and WPOL-B27-6. Those samples with positive results were qualified as estimated, "J".

Laboratory Control Sample (LCS)/Surrogates

The volatile compounds carbon disulfide, hexane, methyl iodide, trans-1,4-dichloro-2-butene, acrylonitrile, allyl chloride, and 1,1-dichloroethylene yielded LCS recoveries above QC limits. Samples WPOL-SB25-10, WPOL-SB27-6, and WPOL-SB27-9 yielded a positive result for hexane as well as samples WPOL-SB27-6 and WPOL-SB27-9 yielding a positive result for carbon disulfide; and these compounds were qualified as estimated, "J".

The TPH-GRO surrogate recovery for 4-bromofluorobenzene, in samples WPOL-SB27-6, WPOL-SB28-3, and WPOL-SB28-9, were above QC limits due to matrix interference. These positive results were qualified as estimated, "J".

The volatile surrogate recovery for dibromofluoromethane as well as the TPH-GRO surrogate recovery for 4-bromofluorobenzene were outside QC limits in the matrix spike/matrix spike duplicate summaries. The associated sample surrogate recoveries as well as the LCS surrogate recoveries were within control limits and no qualification was required.

Matrix Spike (MS)/Matrix Spike Duplicates (MSD)

The volatile MS/MSD %Rs and/or relative percent difference (RPD), for multiple compounds, were outside QC limits. These results were cross referenced with their LCSs. The LCSs were either in control or when outside control limits those compounds that were detected in the samples were qualified as estimated, "J".

The semi-volatile MS and/or MSD %Rs for benzoic acid, 2,4-dinitrophenol, 4,6-dinitro-o-cresol, and hexachlorocyclopentadiene were outside QC limits. These results were cross referenced with their LCSs which were in control. Therefore, no qualification was necessary.

Project Specific Quality Assurance/Quality Control

No field duplicates were collected with this data set.

Compound Quantitation and Reporting Limits

Due to matrix interference, a dilution was required of the semi-volatile and TPH-DRO/ORO analyses of samples WPOL-SB28-3 and WPOL-SB28-9. Elevated reporting limits (RLs) 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
WPOL-SB25-5	2-Hexanone Methylene chloride	8.7 J 76.4 J
WPOL-SB25-10	Methylene chloride Hexane	38 J 5.9 J

Summary of Qualified Data

Sample ID	Parameter	*Qualifier
WPOL-SB27-6	Methylene chloride TPH-GRO Carbon disulfide Hexane	26.6 J 67.7 J 4 J 8.7 J
WPOL-SB27-9	Methylene chloride Carbon disulfide Hexane	25.8 J 4.1 J 5.2 J
WPOL-SB28-3	Methylene chloride TPH-GRO	371 J 197 J
WPOL-SB28-9	Methylene chloride TPH-GRO	551 J 467 J

* VOC results are in micrograms per kilogram (µg/kg), TPH results are in milligrams per kilogram (mg/kg)

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, New Mexico, on October 6, 2009. Two soil samples and one trip blank were taken from the West Petroleum, Oil, and Lubricants (WPOL) site for analyses. All analyses were performed by Accutest Laboratories of Orlando, Florida. The specific samples included in this validation were:

Sample ID	Matrix	Collection Date	Analyses (USEPA Method Number)
WPOL-SB29 6”	Soil	10/6/09	VOCs (SW8260B), SVOCs (SW8270C), TPH-GRO/DRO/ORO (SW8015/8015M)
WPOL-SB29 BOTTOM			
Notes: ID – Identification, USEPA – U.S. Environmental Protection Agency, VOCs – Volatile Organic Compounds, SVOCs – Semi-volatile Organic Compounds, TPH – Total Petroleum Hydrocarbons, GRO – Gasoline Range Organics, DRO – Diesel Range Organics, ORO – Oil Range Organics			

This data was validated against the laboratory’s quality assurance (QA)/quality control (QC) limits using the guidelines and practices published in the *USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review* (USEPA, October 2004), and in the *USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review* (USEPA, June 2008).

Sample Handling and Holding Times

All samples were properly preserved and transferred under chain-of-custody to the laboratory for analysis and analyzed within the required holding times.

Blanks

The trip blank yielded a positive detection for acetone. Methylene chloride was detected in the method blank. These compounds were not detected in the samples and no qualification was required.

Laboratory Control Sample (LCS)/Surrogates

The LCS percent recoveries (%Rs) for allyl chloride, methyl bromide, trans-1,4-dichloro-2-butene, and vinyl acetate were above QC limits. These compounds were not detected in the samples; therefore no qualification was required.

The semi-volatile surrogate recovery for phenol-d5 was above QC limits. Since only one semi-volatile surrogate was outside control limits, no qualification was required.

Matrix Spike (MS)/Matrix Spike Duplicates (MSD)

The volatile MS/MSD %Rs and/or relative percent difference (RPD) for acetonitrile, acrolein, benzyl chloride, tert-butylbenzene, ethyl methacrylate, Freon113, hexachlorobutadiene, methyl

bromide, methylene chloride, pentachloroethane, n-propylbenzene, 1,2,3-trichlorobenzene, 1,2,4-trichlorobenzene, 1,3,5-trimethylbenzene, tetrachloroethylene, trans-1,4-dichloro-2-butene, and vinyl acetate were outside QC limits.

The semi-volatile MS and/or MSD %Rs for 2,4-dinitrophenol, 4,6-dinitro-o-cresol, 2-nitrophenol, 1,3-dichlorobenzene, 1,4-dichlorobenzene, 2,4-dinitrotoluene, hexachlorocyclopentadiene, hexachloroethane, isophorone, and 3-nitroaniline were outside QC limits.

The MSD %R for TPH-GRO and the MS %R for TPH-DRO were outside control limits.

These results were cross referenced with their LCSs which, with the exception of methyl bromide, trans-1,4-dichloro-2-butene, and vinyl acetate, were in control and needed no qualification. These compounds were not detected in the samples and no qualification was required.

Project Specific Quality Assurance/Quality Control

No field duplicates were collected with this data set.

Compound Quantitation and Reporting Limits

No dilutions were required.

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. The data is 100% complete.

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, New Mexico, on October 8, 2009. Six soil samples and one trip blank were taken from the West Petroleum, Oil, and Lubricants (WPOL) site for analyses. All analyses were performed by Accutest Laboratories of Orlando, Florida. The specific samples included in this validation were:

Sample ID	Matrix	Collection Date	Analyses (USEPA Method Number)
WPOL-SB30-6'	Soil	10/8/09	VOCs (SW8260B), SVOCs (SW8270C), TPH-GRO/DRO/ORO (SW8015/8015M)
WPOL-SB30-BOTTOM			
WPOL-SB31-6'			
WPOL-SB31-BOTTOM			
WPOL-SB31A-6'			
WPOL-SB31A-BOTTOM			
Notes: ID – Identification, USEPA – U.S. Environmental Protection Agency, VOCs – Volatile Organic Compounds, SVOCs – Semi-volatile Organic Compounds, TPH – Total Petroleum Hydrocarbons, GRO – Gasoline Range Organics, DRO – Diesel Range Organics, ORO – Oil Range Organics			

This data was validated against the laboratory's quality assurance (QA)/quality control (QC) limits using the guidelines and practices published in the *USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review* (USEPA, October 2004), and in the *USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review* (USEPA, June 2008).

Sample Handling and Holding Times

All samples were properly preserved and transferred under chain-of-custody to the laboratory for analysis and analyzed within the required holding times.

Blanks

Methylene chloride was detected in the method blank associated with sample WPOL-SB31A-6'. The positive result for this compound was qualified as estimated, "J".

Laboratory Control Sample (LCS)/Surrogates

The LCS percent recoveries (%Rs) for trans-1,4-dichloro-2-butene and vinyl acetate were above QC limits associated with all samples with the exception of WPOL-SB31A-6'. Sample WPOL-SB31A-6' yielded LCS %Rs for acrolein and trans-1,4-dichloro-2-butene above QC limits. These compounds were not detected in the samples; therefore no qualification was required.

The LCS %R for 2-nitroaniline was above QC limits. This compound was not detected in the samples and no qualification was required.

The TPH-GRO surrogate recovery for 4-bromofluorobenzene was above QC limits. When reported from the photoionization detector (PID), this surrogate was in control and no qualification was required.

The volatile surrogate recovery for toluene-d8 was above QC limits in the matrix spike/matrix spike duplicate summary. Since this surrogate was within control limits for the LCS and blank summary, no qualification was required.

Matrix Spike (MS)/Matrix Spike Duplicates (MSD)

The volatile MS/MSD %Rs and/or relative percent difference (RPD) for multiple compounds were outside QC limits.

The MSD %R for TPH-DRO was outside control limits.

These results were cross referenced with their LCSs which, with the exception of acrolein, trans-1,4-dichloro-2-butene and vinyl acetate, were in control and needed no qualification. The aforementioned compounds were not detected in the samples and no qualification was required.

Project Specific Quality Assurance/Quality Control

Two field duplicates were collected with this data set. The relative percent difference exceeded control limits for sec-butylbenzene, n-butylbenzene, isopropylbenzene, methylene chloride, naphthalene, and n-propylbenzene for sample WPOL-SB31-6' and it's duplicate. These compounds were qualified as estimated, "J", in both samples.

Compound Quantitation and Reporting Limits

A dilution of the semi-volatile and TPH analysis for WPOL-SB31-6' and WPOL-SB31A-6' was required due to matrix interference and quantifying the data, respectively. Elevated reporting limits (RLs) 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
WPOL-SB31-6'	n-Butylbenzene	1,760 J
	sec-Butylbenzene	1,800 J
	Isopropylbenzene	579 J
	Methylene chloride	412 J
	Naphthalene	184 J
	n-Propylbenzene	1,130 J
WPOL-SB31A-6'	Methylene chloride	1,150 J
	n-Butylbenzene	4,590 J
	sec-Butylbenzene	3,700 J
	Isopropylbenzene	1,400 J
	Naphthalene	367 J
	n-Propylbenzene	2,750 J

*Results are in micrograms per kilogram (µg/kg)

APPENDIX F

WASTE MANIFESTS

March 2003 Waste Manifests

#5502

Please print or type (Form designed for use on elite 12 pitch typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: 3.0.6.4.A
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49 CES/CEV
HWY 70
Holloman AFB, NM 88330

Bong Street
West POL Yard
Holloman AFB, NM

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Rhino Environmental
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	dump	20	cy
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Jet Fuel Contaminated 26.22 tons

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # D

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs
Signature:
Month 03 Day 05 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Jerry Riveno
Signature:
Month 03 Day 05 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Riveno
Signature:
Month 3 Day 5 Year 03

Printed by J.J. KELLER & ASSOCIATES, INC. Neenah, WI 54957-0368

TRANSPORTER #1

12-BLS-C5 Rev. 12/98

DNJ 72.940-35.700

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. N/A	Manifest Doc. No. 30.6.4.B	2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49 CES/CEV
HWY 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

Bong Street
West POL Yard
Holloman AFB, NM

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
D n J Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino Environmental (DP1051) 1.7 miles North of NM/TX state line HWY 54, Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	dump	20	cy
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Jet Fuel Contaminated 18.62 tons

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # D

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs | Signature | Month 03 Day 05 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: James Jackson | Signature | Month 03 Day 05 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jenny Rivera | Signature | Month 03 Day 05 Year 03

PBLS-C5 Rev. 12/98

ORIGINAL – RETURN TO GENERATOR

Scale Ticket # 1994

DNJ Truck 210

[redacted]

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. N/A	Manifest Doc. No. 3.0.6.4.C	2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address

49 CES/CEV
HWY 70
Holloman AFB, NM 88330

Bong Street
West POL Yard
Holloman AFB, NM

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: D n J Trucking

6. US EPA ID Number: N/A

A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:

8. US EPA ID Number:

B. Transporter's Phone:

9. Designated Facility Name and Site Address

Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone: 915-842-9911, 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	dump	20	cy
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Exempt / Non-Hazardous / Jet Fuel Contaminated

19.50 tons

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # D

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: C David Scruggs | Signature: [signature] | Month 0.3 Day 0.3 Year 0.3

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Charles E Woods | Signature: Charles E Woods | Month 3 Day 5 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name: | Signature: | Month Day Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jay Rivera | Signature: [signature] | Month 03 Day 05 Year 03

TRANSPORTER #2

Printed by J. J. KELLER & ASSOCIATES, INC. Neenah, WI 54957-0368

12-BLS-C5 Rev. 12/98

TRK# 5502

Please print or type
(Form designed for use on elite (12-pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A

Manifest Doc. No.: 3.0.6.4.D

2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49 CES/CEV
HWY 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

Bong Street
West POL Yard
Holloman AFB, NM

5. Transporter 1 Company Name: Rhino Environmental

6. US EPA ID Number: N/A

A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	dump	20	cy
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Jet Fuel Contaminated 22.93 tons

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # D

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs
Signature: [signature]
Month 03 Day 05 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Jenny Rivera
Signature: [signature]
Month 3 Day 5 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jenny Rivera
Signature: [signature]
Month 3 Day 5 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

TRANSPORTER #2

12-BLS-C5 Rev. 12/98

TRK # 210

(Form designed for use on elite (12-pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A

Manifest Doc. No.: 3064E

2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address

49 CES/CEV
HWY 70
Holloman AFB, NM 88330

Bong Street
West POL Yard
Holloman AFB, NM

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: D n J Trucking

6. US EPA ID Number: N/A

A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:

8. US EPA ID Number:

B. Transporter's Phone:

9. Designated Facility Name and Site Address

Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone: 915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	dump	20	cy
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Exempt / Non-Hazardous / Jet Fuel Contaminated 23.80 tons

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # D

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs
Signature: [signature]
Month 03 Day 05 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: CE Woods
Signature: Charles C Woods
Month 3 Day 5 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jenny Rivers
Signature: [signature]
Month 3 Day 5 Year 03

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Neenah, WI 54957-0368

TRANSPORTER #2

WO # 14144
GL 43220

TRK # 212

[redacted]

Please print or type
(Form designed for use on elite 12 pitch typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A

Manifest Doc. No.: 30.64.F

2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49 CES/CEV
HWY 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

Bong Street
West POL Yard
Holloman AFB, NM

5. Transporter 1 Company Name: D n J Trucking

6. US EPA ID Number: N/A

A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	dump	20	cy
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Jet Fuel Contaminated 23.76 tons

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # D

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Serrano | Signature | Month 03 Day 05 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: James Jackson | Signature | Month 03 Day 05 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivers | Signature | Month | Day 05 | Year 03

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Neenah, WI 54957-0368

TRANSPORTER #2

Time: 7:30

TRK # 5502

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A

Manifest Doc. No.: 3065A

2. Page 1 of 1

3. Generator's Name and Mailing Address

49 CES/CEV
HWY 70
Holloman AFB, NM 88330

Bong Street
West POL Yard
Holloman AFB, NM

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Rhino Environmental

6. US EPA ID Number: N/A

A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name:

8. US EPA ID Number:

B. Transporter's Phone:

9. Designated Facility Name and Site Address

Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone: 915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	dump	20yds	cy
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Exempt / Non-Hazardous / Jet Fuel Contaminated 25.40 tons

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # D

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: Cecil Scruggs — Signature: [signature] — Month 03 Day 06 Year 03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Jenny Rivero — Signature: [signature] — Month 3 Day 6 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name: — Signature: — Month Day Year

19. Discrepancy Indication Space

Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jenny Rivero — Signature: [signature] — Month 3 Day 6 Year 03

GENERATOR — TRANSPORTER — FACILITY

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12-BLS-C5 Rev. 12/98

TRANSPORTER #1

11:15 11:40 actual

TRK 212

Please print or type. Form designed for use on elite (12-pitch) typewriter.

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A

Manifest Doc. No.: 3065.A

2. Page 1 of 1

3. Generator's Name and Mailing Address
49 CES/CEV
HWY 70
Holloman AFB, NM 88330

Bong Street
West POL Yard
Holloman AFB, NM

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: D n J Trucking

6. US EPA ID Number: N/A

A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:

8. US EPA ID Number:

B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	dump	20 cy	cy
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Jet Fuel Contaminated 22.59 tons

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # D

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs
Signature:
Month 03 Day 06 Year 03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: James Jackson
Signature:
Month 3 Day 6 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name:
Signature:
Month Day Year

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivera
Signature:
Month 03 Day 06 Year 03

GENERATOR

TRANSPORTER

FACILITY

Printed by J.J. KELLER & ASSOCIATES, INC. Neenah, WI 54957-0368

TRANSPORTER #2

Time 11:15

TRK # 210

Please print or type
(Form designed for use on elite (12-pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A

Manifest Doc. No.: 3065F

2. Page 1 of 1

3. Generator's Name and Mailing Address

49 CES/CEV
HWY 70
Holloman AFB, NM 88330

Bong Street
West POL Yard
Holloman AFB, NM

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: ~~Rhino Environmental~~ A R D J Trucking

6. US EPA ID Number: N/A

A. Transporter's Phone: ~~915-842-9911~~ A R 430-2455

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	dump	20 cy	
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Exempt / Non-Hazardous / Jet Fuel Contaminated 25.28 tons

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # D

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs
Signature: [signature]
Month 03 Day 06 Year 03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Charles C Woods
Signature: Charles C Woods
Month 03 Day 06 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name
Signature
Month Day Year

19. Discrepancy Indication Space

Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: E. Rivera
Signature: [signature]
Month 3 Day 06 Year 03

GENERATOR

TRANSPORTER

FACILITY

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

TRANSPORTER #2

Time 14:45 ~~2:45~~

Trk # 2202

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A

Manifest Doc. No.: 30.65 6

2. Page 1 of 1

3. Generator's Name and Mailing Address
49 CES/CEV
HWY 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

Bong Street
West POL Yard
Holloman AFB, NM

5. Transporter 1 Company Name: Rhino Environmental

6. US EPA ID Number: N/A

A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name:

8. US EPA ID Number:

B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone: 915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	dump	20	cy
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Jet Fuel Contaminated 18.36 tons

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # D

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs | Signature: [signature] | Month 03 Day 06 Year 03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Jerry Rivero | Signature: [signature] | Month 03 Day 06 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name: | Signature: | Month Day Year

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivero | Signature: [signature] | Month 3 Day 6 Year 03

GENERATOR

TRANSPORTER

FACILITY

Printed by U.S. KELLER & ASSOCIATES, INC. Neenah, WI 54957-0368

12-BLS-C5 Rev. 12/98

TRANSPORTER #1

Time 14:45

Tek # 210

Scale Ticket 19207

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A.

Manifest Doc. No.: 3065 N

2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address

49 CES/CEV
HWY 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

Bong Street
West POL Yard
Holloman AFB, NM

5. Transporter 1 Company Name: D n J Trucking

6. US EPA ID Number: N/A.

A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone

915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	dump	< 0	cy
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Exempt / Non-Hazardous / Jet Fuel Contaminated

19.04 tons

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # D

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs	[signature]	03	06	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Charles E Woods	Charles E Woods	3	6	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivera	[signature]	3	6	03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

TRANSPORTER #2

12-BLS-C5 Rev. 12/98

Time 14:45

TRK # 212

Please print or type. (Form designed for use on elite 12 pitch typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A

Manifest Doc. No.: 3065 I

2. Page 1 of 1

3. Generator's Name and Mailing Address

49 CES/CEV
HWY 70
Holloman AFB, NM 88330

Bong Street
West POL Yard
Holloman AFB, NM

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: D n J Trucking

6. US EPA ID Number: N/A

A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1.	dump	20 yds	cy
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Exempt / Non-Hazardous / Jet Fuel Contaminated 15.52 tons

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # D

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs | Signature | Month 03 Day 06 Year 03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: James Jackson | Signature | Month 3 Day 6 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Johnny Rivero | Signature | Month 3 Day 6 Year 03

GENERATOR

TRANSPORTER

FACILITY

Printed by J. J. KELLER & ASSOCIATES, INC. Neenah, WI 54957-0368

TRANSPORTER #2

12-BLS-C5 Rev. 12/98

Time 8:00

TRK #210

Please print or type
(Form designed for use on elite (12-pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A

Manifest Doc. No.: 3065B

2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address

49 CES/CEV
HWY 70
Holloman AFB, NM 88330

Bong Street
West POL Yard
Holloman AFB, NM

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: D n J Trucking

6. US EPA ID Number: N/A

A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:

8. US EPA ID Number:

B. Transporter's Phone:

9. Designated Facility Name and Site Address

Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	dump	20 cy/s	cy
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Exempt / Non-Hazardous / Jet Fuel Contaminated 21.52 tons

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # D

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs
Signature: [signature]
Month 03 Day 06 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Charles E Woods
Signature: Charles E Woods
Month 3 Day 6 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jenny Rivero
Signature: [signature]
Month 3 Day 6 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

TRANSPORTER #2

Time 8:10

TRK # 212

Please print or type.
(Form designed for use on elite-12 (pica) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A

Manifest Doc. No.: 3065.C

2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address

49 CES/CEV
HWY 70
Holloman AFB, NM 88330

Bong Street
West POL Yard
Holloman AFB, NM

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: D n J Trucking

6. US EPA ID Number: N/A

A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone

915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	dump	20 cu/yd	cy
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Exempt / Non-Hazardous / Jet Fuel Contaminated 22.57 tons

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # D

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs | Signature | Month 03 Day 06 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: James Jackson | Signature | Month 03 Day 06 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jenny Rivera | Signature | Month 03 Day 6 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

TRANSPORTER #2

Time 11:15

Tck # 5502

Please print or type
(Form designed for

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A

Manifest Doc. No.: 3065D

2. Page 1 of 1

3. Generator's Name and Mailing Address

49 CES/CEV
HWY 70
Holloman AFB, NM 88330

Bong Street
West POL Yard
Holloman AFB, NM

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Rhino Environmental

6. US EPA ID Number: N/A

A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	dump	20	cy
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Exempt / Non-Hazardous / Jet Fuel Contaminated 22.32 tons

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # D

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs | Signature: [signature] | Month 03 Day 06 Year 03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Jerry Rivero | Signature: [signature] | Month 3 Day 6 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

19. Discrepancy Indication Space

Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivero | Signature: [signature] | Month 3 Day 6 Year 03

GENERATOR — TRANSPORTER — FACILITY

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

12-BLS-C5 Rev. 12/98

TRANSPORTER #1

Time: 7:30

TRK #5502

[redacted]

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A

Manifest Doc. No.: 3066A

2. Page 1 of 1

3. Generator's Name and Mailing Address
49 CES/CEV
HWY 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

Bong Street
West POL Yard
Holloman AFB, NM

5. Transporter 1 Company Name: Rhino Environmental

6. US EPA ID Number: N/A

A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	dump	20 cyds	cy
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Jet Fuel Contaminated 22.69 tons

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # D

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs | Signature: [signature] | Month 03 Day 07 Year 03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Jenny Riveno | Signature: [signature] | Month 3 Day 7 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jenny Riveno | Signature: [signature] | Month 3 Day 7 Year 03

GENERATOR

TRANSPORTER

FACILITY

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

TRANSPORTER #1

12-BLS-C5 Rev. 12/98

Time 7:30

Truck 210

Scale TK 19211

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A

Manifest Doc. No.: 30668

2. Page 1 of 1

3. Generator's Name and Mailing Address

49 CES/CEV
HWY 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

Bong Street
West POL Yard
Holloman AFB, NM

5. Transporter 1 Company Name: D n J Trucking

6. US EPA ID Number: N/A

A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:

8. US EPA ID Number:

B. Transporter's Phone:

9. Designated Facility Name and Site Address

Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	dump	20 Cyds	cy
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Exempt / Non-Hazardous / Jet Fuel Contaminated

21.44 tons

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # D

GENERATOR

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs — Signature: [signature] — Month 03 Day 07 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Charles E Woods — Signature: Charles E Woods — Month 3 Day 17 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name: — Signature: — Month Day Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Ronny Rivera — Signature: [signature] — Month 3 Day 17 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

TRANSPORTER #2

Time: 7:30 10 15 SCALE #19212 TRK # 212
OT 22980

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: 3066C
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49 CES/CEV
HWY 70
Holloman AFB, NM 88330

Bong Street
West POL Yard
Holloman AFB, NM

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: D n J Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone: 915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	dump	20 yds	cy
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Jet Fuel Contaminated 21.14 tons

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # D

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: David Scruggs
Signature: [signature]
Month 03 Day 07 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: James Jackson
Signature: [signature]
Month 03 Day 07 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivers
Signature: [signature]
Month 03 Day 07 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC. Neenah, WI 54957-0368

TRANSPORTER #2

5502

Please print or type
(Form designed for use on elite (12-pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: 3066 D
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49 CES/CEV
HWY 70
Holloman AFB, NM 88330

Bong Street
West POL Yard
Holloman AFB, NM

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Rhino Environmental
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description

	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	dump	20	cy
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Jet Fuel Contaminated 21.61 tons

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # D

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: David Scruggs
Signature: [signature]
Month 03 Day 07 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Jenny Rivero
Signature: [signature]
Month 3 Day 7 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jenny Rivero
Signature: [signature]
Month 3 Day 7 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

TRANSPORTER #2

Please print or type
(Form designed for use on elite (12-pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A

Manifest Doc. No.: 3066 E

2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address

49 CES/CEV
HWY 70
Holloman AFB, NM 88330

Bong Street
West POL Yard
Holloman AFB, NM

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: D n J Trucking

6. US EPA ID Number: N/A

A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:

8. US EPA ID Number:

B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	dump	20 Cyds	cy
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Exempt / Non-Hazardous / Jet Fuel Contaminated 20.51 tons

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # D

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs
Signature: [signature]
Month 03 Day 07 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: James Jackson
Signature: [signature]
Month 03 Day 07 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space: Actual load time the truck 11 50 AM

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivera
Signature: [signature]
Month 03 Day 07 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

12 BLS-C5 Rev. 12/98

TRANSPORTER #2

TRK # 210

(Designed for use on elite (12-pitch) typewriter.)

Scale TK 19210

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A

Manifest Doc. No.: 3066-F

2. Page 1 of 1

3. Generator's Name and Mailing Address

49 CES/CEV
HWY 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

Bong Street
West POL Yard
Holloman AFB, NM

5. Transporter 1 Company Name: D n J Trucking

6. US EPA ID Number: N/A

A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description

	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	dump	20 cyds	cy
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Exempt / Non-Hazardous / Jet Fuel Contaminated 24.12 tons

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # D

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs — Signature: [signature] — Month 03 Day 07 Year 03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Charles E Woods — Signature: Charles E Woods — Month 3 Day 7 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Month Day Year

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jenny Rivera — Signature: [signature] — Month 03 Day 07 Year 03

GENERATOR — TRANSPORTER — FACILITY

Printed by J. J. KELLER & ASSOCIATES, INC. Neenah, WI 54957-0368

TRANSPORTER #2

Time 15:00 / 25 SLMC # 17620 Ot. 79.470 # 212

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A

Manifest Doc. No.: 3066 G

2. Page 1 of 1

3. Generator's Name and Mailing Address

49 CES/CEV
HWY 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

Bong Street
West POL Yard
Holloman AFB, NM

5. Transporter 1 Company Name: D n J Trucking

6. US EPA ID Number: N/A

A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:

8. US EPA ID Number:

B. Transporter's Phone:

9. Designated Facility Name and Site Address

Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone: 915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	dump	20 cy/s	cy
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Exempt / Non-Hazardous / Jet Fuel Contaminated 21.89 tons

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # D

GENERATOR

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs | Signature: [signature] | Month 03 Day 07 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: James Jackson | Signature: [signature] | Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month 03 Day 07 Year 03

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jenny Rivera | Signature: [signature] | Month 3 Day 7 Year 3

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

TRANSPORTER #2

5502

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A

Manifest Doc. No.: 3066 H

2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address

49 CES/CEV
HWY 70
Holloman AFB, NM 88330

Bong Street
West POL Yard
Holloman AFB, NM

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Rhino Environmental

6. US EPA ID Number: N/A

A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name:

8. US EPA ID Number:

B. Transporter's Phone:

9. Designated Facility Name and Site Address

Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone

915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	dump	20 cyds	cy
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Exempt / Non-Hazardous / Jet Fuel Contaminated 24.38 tons

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # D

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs | Signature: [signature] | Month 03 Day 07 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Jenny Rivero | Signature: [signature] | Month 03 Day 07 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name: | Signature: | Month Day Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jenny Rivero | Signature: [signature] | Month 03 Day 07 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

TRANSPORTER #1

12-BLS-C5 Rev. 12/98

730

TRK # 210

Please print or type
(Form designed for use on elite (12-pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A

Manifest Doc. No.: 3069A

2. Page 1 of 1

3. Generator's Name and Mailing Address

49 CES/CEV
HWY 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

Bong Street
West POL Yard
Holloman AFB, NM

5. Transporter 1 Company Name: D n J Trucking

6. US EPA ID Number: N/A

A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone

915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	dump	20 yds	cy
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Exempt / Non-Hazardous / Jet Fuel Contaminated 23.~~48~~ tons

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # D

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs	David Scruggs	03	10	03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Charles E Woods	Charles E Woods	3	10	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivera	Jerry R	3	10	03

GENERATOR

TRANSPORTER

FACILITY

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Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

12-BLS-C5 Rev. 12/98

7:30

TRK 5502

[redacted]

Please print or type
(Form designed for use on elite (12-pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A

Manifest Doc. No.: 30.69 B

2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address

49 CES/CEV
HWY 70
Holloman AFB, NM 88330

Bong Street
West POL Yard
Holloman AFB, NM

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Rhino Environmental

6. US EPA ID Number: N/A

A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name:

8. US EPA ID Number:

B. Transporter's Phone:

9. Designated Facility Name and Site Address

Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone: 915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	dump	20 cyds	cy
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Exempt / Non-Hazardous / Jet Fuel Contaminated 25.01 tons

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # D

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs
Signature: [signature]
Month 03 Day 10 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Jenny Rivera
Signature: [signature]
Month 3 Day 10 Year 3

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jenny Rivera
Signature: [signature]
Month 3 Day 10 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 1125

TRK# 5502

[redacted]

Please print or type
(Form designed for use on elite (12-pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A

Manifest Doc. No.: 3069 C

2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49 CES/CEV
HWY 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

Bong Street
West POL Yard
Holloman AFB, NM

5. Transporter 1 Company Name: Rhino Environmental

6. US EPA ID Number: N/A

A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	dump	20 cyds	cy
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Jet Fuel Contaminated 22.85 tons

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # D

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs
Signature: [signature]
Month 03 Day 10 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Jenny Rivero
Signature: [signature]
Month 03 Day 10 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jenny Rivero
Signature: [signature]
Month 03 Day 10 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time: 11:20 Trk # 210

Please print or type
(Form designed for use on elite (12-pitch) typewriter)

Scale TK 19224

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: 3069D
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49 CES/CEV
HWY 70
Holloman AFB, NM 88330

Bong Street
West POL Yard
Holloman AFB, NM

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: D n J Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone: 915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	dump	20 loads	cy
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Jet Fuel Contaminated 22.08 tons

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # D

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: David Scruggs
Signature: [signature]
Month 03 Day 10 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Charles E Woods
Signature: Charles E Woods
Month 3 Day 10 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jenny Rivero
Signature: [signature]
Month 3 Day 10 Year 03

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Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 14:20

TRK # 210

SC. TK 19229

Please print or type
(Form designed for use on elite (12-pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A

Manifest Doc. No.: 3069 E

2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49 CES/CEV
HWY 70
Holloman AFB, NM 88330

4. Generator's Phone 505 572-3931

Bong Street
West POL Yard
Holloman AFB, NM

5. Transporter 1 Company Name: D n J Trucking

6. US EPA ID Number: N/A

A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:

8. US EPA ID Number:

B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	dump	20 cy	cy
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Jet Fuel Contaminated 22.47 tons

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # D

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs
Signature: [signature]
Month 03 Day 10 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Charles E Woods
Signature: Charles E Woods
Month 3 Day 10 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivero
Signature: [signature]
Month 3 Day 10 Year 03

Printed by J.J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

12-BLS-C5 Rev. 12/98

Time: 14:20 TRK # 5502

Please print or type
(Form designed for use on elite (12-pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: 3069
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49 CES/CEV
HWY 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

Bong Street
West POL Yard
Holloman AFB, NM

5. Transporter 1 Company Name: Rhino Environmental
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	dump	20 cyds	cy
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Jet Fuel Contaminated 21.11 tons

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # D

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: David Scruggs
Signature: [signature]
Month 3 Day 10 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Jerry Rivero
Signature: [signature]
Month 3 Day 10 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jerry Rivero
Signature: [signature]
Month 3 Day 10 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 6:30

Scale # 19231

TRK # 210

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A

Manifest Doc. No.: 3070A

2. Page 1 of 1

3. Generator's Name and Mailing Address: 49 CES/CEV, HWY 70, Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

Bong Street, West POL Yard, Holloman AFB, NM

5. Transporter 1 Company Name: D n J Trucking

6. US EPA ID Number: N/A

A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address: Rhino Environmental (DP1051), 1.7 miles North of NM/TX state line, HWY 54, Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone: 915-842-9911, 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	dump	20 cyds	cy
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Exempt / Non-Hazardous / Jet Fuel Contaminated 22.69 tons

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information: Placement in Rhino Cell # D

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs — Signature: [signature] — Month 03 Day 1 Year 03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Charles E Woods — Signature: Charles E Woods — Month 3 Day 11 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Month Day Year

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jenny Rivero — Signature: [signature] — Month 3 Day 11 Year 03

GENERATOR — TRANSPORTER — FACILITY

Printed by J. J. KELLER & ASSOCIATES, INC. Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

12-BLS-C5 Rev. 12/98

Time 7:30

TRK # 2502

Please print or type.
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A

Manifest Doc. No.: 30708

2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address

49 CES/CEV
HWY 70
Holloman AFB, NM 88330

Bong Street
West POL Yard
Holloman AFB, NM

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Rhino Environmental

6. US EPA ID Number: N/A

A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	dump	20 cyds	cy
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Exempt / Non-Hazardous / Jet Fuel Contaminated 23.64 tons

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # D

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs
Signature: David Scruggs
Month Day Year: 03 / 1 / 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Jenny Rivero
Signature: Jenny Rivero
Month Day Year: 3 / 1 / 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jenny Rivero
Signature: Jenny Rivero
Month Day Year: 3 / 1 / 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

6:30 [illegible] TRK # 2 1/2

GT. 82740

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A

Manifest Doc. No.: 3070C

2. Page 1 of 1

3. Generator's Name and Mailing Address

49 CES/CEV
HWY 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

Bong Street
West POL Yard
Holloman AFB, NM

5. Transporter 1 Company Name: D n J Trucking

6. US EPA ID Number: N/A

A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:

8. US EPA ID Number:

B. Transporter's Phone:

9. Designated Facility Name and Site Address

Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone: 915-842-9911, 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	dump	20 cyds	cy
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Exempt / Non-Hazardous / Jet Fuel Contaminated 23.52 tons

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # D

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs — Signature: [signature] — Month 03 Day 11 Year 03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: James Jackson — Signature: [signature] — Month 03 Day 11 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name: — Signature: — Month Day Year

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Gerry Rivero — Signature: [signature] — Month 3 Day 11 Year 03

GENERATOR

TRANSPORTER

FACILITY

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 18:00 Gr. 73.440 TCK 212

Please print or type
(Form designed for use on elite (12-pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A

Manifest Doc. No.: 30700

2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address: 49 CES/CEV, HWY 70, Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: D n J Trucking

6. US EPA ID Number: N/A

A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:

8. US EPA ID Number:

B. Transporter's Phone:

9. Designated Facility Name and Site Address: Rhino Environmental (DP1051), 1.7 miles North of NM/TX state line, HWY 54, Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone: 915-842-9911, 800-762-0241

Bong Street, West POL Yard, Holloman AFB, NM

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	dump	20 cy/ds	cy
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Exempt / Non-Hazardous / Jet Fuel Contaminated 18.87 tons

E. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information: Placement in Rhino Cell # D

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs — Signature: [signature] — Month 03 Day 11 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: James Jackson — Signature: [signature] — Month 03 Day 11 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name: — Signature: — Month Day Year

FACILITY

19. Discrepancy Indication Space: Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Gerry Rivera — Signature: [signature] — Month 03 Day 11 Year 03

Printed by J.J. KELLER & ASSOCIATES, INC. Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time: 10:45

Tck # 5502

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A

Manifest Doc. No.: 30.70.E

2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address: 49 CES/CEV, HWY 70, Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

Bong Street
West POL Yard
El Paso, TX 79927

5. Transporter 1 Company Name: Rhino Environmental

6. US EPA ID Number: N/A

A. Transporter's Phone: 915-852-9911

7. Transporter 2 Company Name:

8. US EPA ID Number:

B. Transporter's Phone:

9. Designated Facility Name and Site Address: Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone: 915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	dump	20 yds	cy
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Exempt / Non-Hazardous / Jet Fuel Contaminated 21.06 tons

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # D

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs — Signature: [signature] — Month 03 Day 11 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Jerry Rivero — Signature: [signature] — Month 03 Day 11 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name: — Signature: — Month Day Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivero — Signature: [signature] — Month 3 Day 11 Year 03

Printed by J.J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

11.05

TEK 210

Please print or type.
(Form designed for use on elite (12-pitch) typewriter.)

Scale Ticket 19235-77830 gr

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A

Manifest Doc. No.: 30.70.F

2. Page 1 of 1

3. Generator's Name and Mailing Address
49 CES/CEV
HWY 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

Bong Street
West POL Yard
Holloman AFB, NM

5. Transporter 1 Company Name: D n J Trucking

6. US EPA ID Number: N/A

A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	dump	20cy tons	cy
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Jet Fuel Contaminated 22.14 tons

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # D

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs
Signature: David Scruggs
Month 03 Day 11 Year 03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Charles E Woods
Signature: Charles E Woods
Month 3 Day 11 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name
Signature
Month Day Year

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivero
Signature: Jerry Rivero
Month 3 Day 11 Year 03

GENERATOR — TRANSPORTER — FACILITY

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

12 BLS-C5 Rev. 12/98

Time 2:35

TRK 5502

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A

Manifest Doc. No.: 307068

2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address: 49 CES/CEV, HWY 70, Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

Bong Street, West POL Yard, Holloman AFB, NM

5. Transporter 1 Company Name: Rhino Environmental

6. US EPA ID Number: N/A

A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name:

8. US EPA ID Number:

B. Transporter's Phone:

9. Designated Facility Name and Site Address: Rhino Environmental (DP1051), 1.7 miles North of NM/TX state line, HWY 54, Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone: 915-842-9911, 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	dump	20 yds	cy
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Exempt / Non-Hazardous / Jet Fuel Contaminated 20.74 tons

E. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information: Placement in Rhino Cell # D

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs — Signature: [signature] — Month 03 Day 11 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Jenny Rivero — Signature: [signature] — Month 3 Day 11 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name: — Signature: — Month Day Year

FACILITY

19. Discrepancy Indication Space: Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jenny Rivero — Signature: [signature] — Month 3 Day 11 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC. Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

12-BLS-C5 Rev. 12/98

Time: 2:55 scale# 19238 Tek # 212

GR. 78.100

Please print or type
(Form designed for use on elite (12-pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A

Manifest Doc. No.: 30.704

2. Page 1 of 1

3. Generator's Name ~~and mailing~~ Address
49 CES/CEV
HWY 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

Bong Street
West POL Yard
Holloman AFB, NM

5. Transporter 1 Company Name: D n J Trucking

6. US EPA ID Number: N/A

A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	dump	20 cyds	cy
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Jet Fuel Contaminated 21.20 tons

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # D

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs
Signature: [signature]
Month Day Year

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: James Jackson
Signature: [signature]
Month Day Year: 03 / 1 / 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name
Signature
Month Day Year

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Gerry Rivero
Signature: [signature]
Month Day Year: 03 / 1 / 03

GENERATOR
TRANSPORTER
FACILITY

Printed by J.J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

12-BLS-C5 Rev. 12/98

Time: 1500 TRK # 210

Please print or type
(Form designed for use on elite (12-pitch) typewriter)

Scale 19239 gwt 77530

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A

Manifest Doc. No.: 3070 I

2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address: 49 CES/CEV, HWY 70, Holloman AFB, NM 88330

4. Generator's Phone: (505) 572-3931

Bong Street
West POL Yard
Holloman AFB, NM

5. Transporter 1 Company Name: D n J Trucking

6. US EPA ID Number: N/A

A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:

8. US EPA ID Number:

B. Transporter's Phone:

9. Designated Facility Name and Site Address: Rhino Environmental (DP1051), 1.7 miles North of NM/TX state line, HWY 54, Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone: 915-842-9911, 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	dump	21 cy	cy
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Exempt / Non-Hazardous / Jet Fuel Contaminated 21.99 tons

E. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information: Placement in Rhino Cell # D

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs — Signature: [signature] — Month 03 Day 11 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Charles E Woods — Signature: Charles E Woods — Month 3 Day 11 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name: — Signature: — Month Day Year

FACILITY

19. Discrepancy Indication Space: Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivera — Signature: [signature] — Month 3 Day 11 Year 03

Printed by J.J. KELLER & ASSOCIATES, INC. Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 6:15

TRK ~~212~~ 5502

Please print or type
(Form designed for use on elite (12-pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A

Manifest Doc. No.: 3071A

2. Page 1 of 1

3. Generator's Name and Mailing Address
49 CES/CEV
HWY 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

Bong Street
West POL Yard
Holloman AFB, NM

5. Transporter 1 Company Name: Rhino Environmental

6. US EPA ID Number: N/A

A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	dump	~~20 yds~~	cy
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Jet Fuel Contaminated 21.29 tons

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # D

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs — Signature: [signature] — Month 03 Day 12 Year 03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Jenny Rivero — Signature: [signature] — Month 3 Day 12 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Month Day Year

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jenny Rivero — Signature: [signature] — Month 3 Day 12 Year 03

GENERATOR — TRANSPORTER — FACILITY

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

12-BLS-C5 Rev. 12/98

Time 6:15

TEK # 212

GR-75-600

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A

Manifest Doc. No.: 30718

2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address

49 CES/CEV
HWY 70
Holloman AFB, NM 88330

Bong Street
West POL Yard
Holloman AFB, NM

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: D n J Trucking

6. US EPA ID Number: N/A

A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:

8. US EPA ID Number:

B. Transporter's Phone:

9. Designated Facility Name and Site Address

Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	dump	20.71	cy
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Exempt / Non-Hazardous / Jet Fuel Contaminated 20.71 tons

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # D

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs — Signature: [signature] — Month 3 Day 12 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: James Jackson — Signature: [signature] — Month 3 Day 12 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name: — Signature: — Month Day Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Gerry Rivers — Signature: [signature] — Month 3 Day 12 Year 03

Printed by J.J. KELLER & ASSOCIATES, INC. Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 615

TRK # 210

Please print or type.
(Form designed for use on elite (12-pitch) typewriter.)

Wt. 42,500 Net

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. N/A	Manifest Doc. No. 30.71.C	2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49 CES/CEV
HWY 70
Holloman AFB, NM 88330

Bong Street
West POL Yard
Holloman AFB, NM

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
D n J Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino Environmental (DP1051) 1.7 miles North of NM/TX state line HWY 54, Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	dump	20 cy/ds	cy
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Jet Fuel Contaminated 21.25 tons

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # D

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs	David Scruggs	03	12	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Charles E Woods	Charles E Woods	3	12	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivero	[signature]	3	12	03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Departure: 10:30 AM. SCALE #17241 TRK# 212

11:35 Gr. 82.160

Please print or type.
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A

Manifest Doc. No.: 30710

2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address

49 CES/CEV
HWY 70
Holloman AFB, NM 88330

Bong Street
West POL Yard
Holloman AFB, NM

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: D n J Trucking

6. US EPA ID Number: N/A

A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:

8. US EPA ID Number:

B. Transporter's Phone:

9. Designated Facility Name and Site Address

Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	dump	20 cyds	cy
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Exempt / Non-Hazardous / Jet Fuel Contaminated 23.99 tons

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # D

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs
Signature: [signature]
Month 03 Day 12 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: James Jackson
Signature: [signature]
Month 03 Day 12 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivero
Signature: [signature]
Month 3 Day 12 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Departure!

TRK# 210

Please print or type

Sc TK 19242- 76580

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A

Manifest Doc. No.: 30.71E

2. Page 1 of 1

3. Generator's Name and Mailing Address

49 CES/CEV
HWY 70
Holloman AFB, NM 88330

Bong Street
West POL Yard
Holloman AFB, NM

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: D n J Trucking

6. US EPA ID Number: N/A

A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone

915-842-9911
800-762-0241

GENERATOR

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	dump	20.94 tons	cy
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Exempt / Non-Hazardous / Jet Fuel Contaminated

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # D

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs — Signature: [signature] — Month 03 Day 12 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Charles E Woods — Signature: Charles E Woods — Month 3 Day 12 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Month — Day — Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivera — Signature: [signature] — Month 3 Day 12 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 10:15 TRK # 5502

Please print or type
(Form designed for use on elite (12-pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A

Manifest Doc. No.: 3.0.7.1.A

2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address

49 CES/CEV
HWY 70
Holloman AFB, NM 88330

Bong Street
West POL Yard
Holloman AFB, NM

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Rhino Environmental

6. US EPA ID Number: N/A

A. Transporter's Phone: 915-842-9911

7. Transporter 2 Company Name:

8. US EPA ID Number:

B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	dump	20 cyds	cy
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Jet Fuel Contaminated 21.66 tons

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # D

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs
Signature: [signature]
Month 03 Day 12 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Jerry Rivero
Signature: [signature]
Month 03 Day 12 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivero
Signature: [signature]
Month 3 Day 12 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time: ~~12:45~~ 13:00 Scale # 19244 TRK # 212

GR. 75.830

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: 30716
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49 CES/CEV
HWY 70
Holloman AFB, NM 88330

Bong Street
West POL Yard
Holloman AFB, NM

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: D n J Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	dump	20 Cyds	cy
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Jet Fuel Contaminated 20.83 tons

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # D

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: David Scruggs
Signature:
Month 03 Day 12 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: James Jackson
Signature:
Month 03 Day 12 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jenny Rivera
Signature:
Month 3 Day 12 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC. Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 13:10

Tek 210

TK 19245 75770 gl

Please print or type
(Form designed for use on elite (12-pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A

Manifest Doc. No.: 30.71 H

2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address

49 CES/CEV
HWY 70
Holloman AFB, NM 88330

Bong Street
West POL Yard
Holloman AFB, NM

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: D n J Trucking

6. US EPA ID Number: N/A

A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	dump	20 cyds	cy
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Jet Fuel Contaminated 20.54 tons

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # D

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs
Signature: [signature]
Month 03 Day 13 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Charles E Woods
Signature: Charles E Woods
Month 03 Day 13 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Gerry Rivero
Signature: [signature]
Month 3 Day 13 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 13:30

TRK # 5502

Please print or type
(Form designed for use on elite (12-Pitch) Typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A

Manifest Doc. No.: 30.71

2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49 CES/CEV
HWY 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

Bong Street
West POL Yard
El Paso, TX 79927

5. Transporter 1 Company Name: Rhino Environmental

6. US EPA ID Number: N/A

A. Transporter's Phone: 915-852-9911

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	dump	20 cyds	cy
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Jet Fuel Contaminated 21.64 tons

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # D

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs
Signature: David Scruggs
Month 03 Day 12 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Jenny Rivero
Signature
Month 3 Day 12 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jenny Rivero
Signature
Month 3 Day 12 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time: 0615

TRK 210

[redacted]

Please print or type

77380 gr

[redacted]

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A

Manifest Doc. No.: 3072.A

2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address

49 CES/CEV
HWY 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

Bong Street
West POL Yard
El Paso, TX 79927

5. Transporter 1 Company Name: D n J Trucking

6. US EPA ID Number: N/A

A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:

8. US EPA ID Number:

B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	dump	20 cyds	cy
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Exempt / Non-Hazardous / Jet Fuel Contaminated 21.34 tons

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # D

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs
Signature: [signature]
Month 03 Day 13 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Charles E Woods
Signature: Charles E Woods
Month 3 Day 13 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jenny Rivera
Signature: [signature]
Month 3 Day 13 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

12-BLS-C5 Rev. 12/98

Time 0.615

Tel# 212

Please print or type
(Form designed for use on elite (12-pitch) typewriter)

GT. 81,540

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A

Manifest Doc. No. 3072 B

2. Page 1 of 1

3. Generator's Name and Mailing Address
49 CES/CEV
HWY 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name
D n J Trucking

6. US EPA ID Number
N/A

A. Transporter's Phone
505-430-2455

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico

10. US EPA ID Number
N/A

C. Facility's Phone
915-842-9911
800-762-0241

Bong Street
West POL Yard
El Paso, TX 79927

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	dump	20 yds	cy
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Jet Fuel Contaminated 23.66 tons

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # D

GENERATOR

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs — Signature: [signature] — Month 03 Day 13 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: James Jackson — Signature: [signature] — Month 03 Day 13 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Henry Rivera — Signature: [signature] — Month 3 Day 13 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

12-BLS-C5 Rev. 12/98

Time: 06:25

Trk # 5502

[redacted]

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A

Manifest Doc. No.: 30.72.C

2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address

49 CES/CEV
HWY 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

Bong Street
West POL Yard
El Paso, TX 79927

5. Transporter 1 Company Name: Rhino Environmental

6. US EPA ID Number: N/A

A. Transporter's Phone: 915-852-9911

7. Transporter 2 Company Name:

8. US EPA ID Number:

B. Transporter's Phone:

9. Designated Facility Name and Site Address

Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	dump	20 cyds	cy
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Exempt / Non-Hazardous / Jet Fuel Contaminated 21.32 tons

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # D

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs — Signature: [signature] — Month 03 Day 13 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Gerry Rivers — Signature: [signature] — Month 3 Day 13 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name: — Signature: — Month Day Year

FACILITY

19. Discrepancy Indication Space

~~Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922~~

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Gerry Rivers — Signature: [signature] — Month 3 Day 13 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC. Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

12-BLS-C5 Rev. 12/98

Time 10:00

Ticket # 210

Ticket # 19248

Please print or type
(Form designed for use on elite (12-pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A

Manifest Doc. No.: 3.0.72.D

2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address

49 CES/CEV
HWY 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: D n J Trucking

6. US EPA ID Number: N/A

A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

Bong Street
West POL Yard
El Paso, TX 79927

11. Waste Shipping Name and Description

	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	dump	20 cys	cy
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Exempt / Non-Hazardous / Jet Fuel Contaminated 21.41 tons

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # D

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs
Signature: David Scruggs
Month 03 Day 13 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Charles E Woods
Signature: Charles E Woods
Month 3 Day 13 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Henry Rivero
Signature
Month 3 Day 13 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 10:05 Scale #19249 Trk # 212

GR. 81.090

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A

Manifest Doc. No.: 3.0.72.E

2. Page 1 of 1

3. Generator's Name and Mailing Address
49 CES/CEV
HWY 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

Bong Street
West POL Yard
El Paso, TX 79927

5. Transporter 1 Company Name: D n J Trucking

6. US EPA ID Number: N/A

A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	dump	20 cyds	cy
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Jet Fuel Contaminated 23.44 tons

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # D

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs
Signature: David Scruggs
Month 03 Day 13 Year 03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: James Jackson
Signature: James Jackson
Month 03 Day 13 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name
Signature
Month Day Year

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jenny Rivero
Signature: Jenny Rivero
Month 3 Day 13 Year 03

GENERATOR
TRANSPORTER
FACILITY

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 10:10

TRK# 5502

Please print or type
Form designed for

NON-HAZARDOUS WASTE MANIFEST

1. ~~Generator~~'s US EPA ID No.: N/A

Manifest Doc. No.: 3.0.72.7

2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49 CES/CEV
HWY 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

Bong Street
West POL Yard
El Paso, TX 79927

5. Transporter 1 Company Name: Rhino Environmental

6. US EPA ID Number: N/A

A. Transporter's Phone: 915-852-9911

7. Transporter 2 Company Name:

8. US EPA ID Number:

B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	dump	20 cyds	cy
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Jet Fuel Contaminated 21.71 tons

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # D

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs
Signature: [signature]
Month 03 Day 13 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Jenny Rivero
Signature: [signature]
Month 3 Day 13 Year 02

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jenny Rivero
Signature: [signature]
Month 3 Day 13 Year 02

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 1315 Scale# 19251 Tkt # 212

GT-84.080

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: 3072G
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49 CES/CEV
HWY 70
Holloman AFB, NM 88330

Bong Street
West POL Yard
El Paso, TX 79927

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: D n J Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone: 915-842-9911, 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	dump	200 yds	cy
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Jet Fuel Contaminated 24.93 tons

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # D

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: David Scruggs
Signature:
Month 03 Day 13 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: James Jackson
Signature:
Month 03 Day 13 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: Jenny Rivero
Signature:
Month 3 Day 13 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC. Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 13:20 Tkt # 210

Please print or type
(Form designed for use on elite (12-pitch) typewriter)

Tick=T19253=79530

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: 3.0.72.H
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49 CES/CEV
HWY 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

Bong Street
West POL Yard
El Paso, TX 79927

5. Transporter 1 Company Name: D n J Trucking
6. US EPA ID Number: N/A
A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	dump	20 cyds	cy
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Jet Fuel Contaminated 22.42 tons

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # D

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs
Signature: [signature]
Month 03 Day 13 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Charles E Woods
Signature: Charles E Woods
Month 3 Day 13 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivera
Signature: [signature]
Month 3 Day 13 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 1325

TRK# 5502

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N/A

Manifest Doc. No. 3.0.7.2 I

2. Page 1 of 1

3. Generator's Name and Mailing Address

49 CES/CEV
HWY 70
Holloman AFB, NM 88330

Bong Street
West POL Yard
El Paso, TX 79927

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Rhino Environmental

6. US EPA ID Number: N/A

A. Transporter's Phone: 915-852-9911

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	dump	20 cyds	cy
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Exempt / Non-Hazardous / Jet Fuel Contaminated 21.45 tons

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # D

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs — Signature: [signature] — Month 03 Day 13 Year 03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Jerry Rivero — Signature: [signature] — Month 3 Day 13 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Month Day Year

19. Discrepancy Indication Space

Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivero — Signature: [signature] — Month 3 Day 13 Year 03

GENERATOR — TRANSPORTER — FACILITY

Printed by W. J. KELLER & ASSOCIATES, INC. Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

12-BLS-C5 Rev. 12/98

Time 630

Trk# 5502

Please print or type
(Form designed for use on elite (12-pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A

Manifest Doc. No.: 3.0.73A

2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address: 49 CES/CEV, HWY 70, Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

Bong Street
West POL Yard
El Paso, TX 79927

5. Transporter 1 Company Name: Rhino Environmental

6. US EPA ID Number: N/A

A. Transporter's Phone: 915-852-9911

7. Transporter 2 Company Name:

8. US EPA ID Number:

B. Transporter's Phone:

9. Designated Facility Name and Site Address: Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone: 915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	dump	20 cyds	cy
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Exempt / Non-Hazardous / Jet Fuel Contaminated 26.10 tons

E. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information: Placement in Rhino Cell # D

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs | Signature: [signature] | Month 03 Day 14 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Jerry Rivero | Signature: [signature] | Month 3 Day 14 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name: | Signature: | Month Day Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivero | Signature: [signature] | Month 3 Day 14 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 630 TRK # 210

weight 82980

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A

Manifest Doc. No.: 3073B

2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address

49 CES/CEV
HWY 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

Bong Street
West POL Yard
El Paso, TX 79927

5. Transporter 1 Company Name: D n J Trucking

6. US EPA ID Number: N/A

A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	dump	20 cyds	cy
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Exempt / Non-Hazardous / Jet Fuel Contaminated 24.14 tons

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # D

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs | Signature: [signature] | Month 03 Day 14 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Charles E Woods | Signature: Charles E Woods | Month 3 Day 14 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Gerry Rivera | Signature: [signature] | Month 3 Day 14 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC. Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 630 10 Schule/ticket # TRK # 212

GR 84.660

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A

Manifest Doc. No.: 3.0.73.C

2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address: 49 CES/CEV, HWY 70, Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

Bong Street
West POL Yard
El Paso, TX 79927

5. Transporter 1 Company Name: D n J Trucking

6. US EPA ID Number: N/A

A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:

8. US EPA ID Number:

B. Transporter's Phone:

9. Designated Facility Name and Site Address: Rhino Environmental (DP1051), 1.7 miles North of NM/TX state line, HWY 54, Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone: 915-842-9911, 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	dump	20cyds	cy
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Exempt / Non-Hazardous / Jet Fuel Contaminated 25.22 tons

E. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information: Placement in Rhino Cell # D

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs — Signature: [signature] — Month 03 Day 14 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: James Jackson — Signature: [signature] — Month 03 Day 14 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name: — Signature: — Month Day Year

FACILITY

19. Discrepancy Indication Space: Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jenny Rivero — Signature: [signature] — Month 3 Day 14 Year 03

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ORIGINAL – RETURN TO GENERATOR

12 BLS-C5 Rev. 12/98

Time 10:30

TRK# 210

Please print or type (Form designed for use on elite (12-pitch) typewriter)

Ticket 19256 76990

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A

Manifest Doc. No.: 3.0.73 D

2. Page 1 of 1

3. Generator's Name and Mailing Address

49 CES/CEV
HWY 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

Bong Street
West POL Yard
Holloman AFB, NM

5. Transporter 1 Company Name: D n J Trucking

6. US EPA ID Number: N/A

A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	dump	20 Cyds	cy
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Exempt / Non-Hazardous / Jet Fuel Contaminated 21.15 tons

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # D

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs	David Scruggs	03	14	03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Charles E Woods	Charles E Woods	3	14	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Henry Rivera	[illegible]	3	14	03

GENERATOR

TRANSPORTER

FACILITY

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ORIGINAL – RETURN TO GENERATOR

12-BLS-C5 Rev. 12/98

SCALE #19251

Time 1035 6 TRK # 5502

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A

Manifest Doc. No.: 30.73.E

2. Page 1 of 1

3. Generator's Name and Mailing Address
49 CES/CEV
HWY 70
Holloman AFB, NM 88330

4. Generator's Phone 505 572-3931

Bong Street
West POL Yard
El Paso, TX 79927

5. Transporter 1 Company Name: Rhino Environmental

6. US EPA ID Number: N/A

A. Transporter's Phone: 915-852-9911

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	dump	20 cy	cy
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Jet Fuel Contaminated 26.16

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # D

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs | Signature: [signature] | Month 03 Day 14 Year 03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Jerry Rivero | Signature: [signature] | Month 3 Day 14 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivero | Signature: [signature] | Month 3 Day 14 Year 03

GENERATOR

TRANSPORTER

FACILITY

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Time 1035 Scale # 19257 Tk # 212

Gr. 72.170

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A

Manifest Doc. No.: 3073 F

2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address

49 CES/CEV
HWY 70
Holloman AFB, NM 88330

Bong Street
West POL Yard
El Paso, TX 79927

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: D n J Trucking

6. US EPA ID Number: N/A

A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	dump	20 cyds	cy
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Exempt / Non-Hazardous / Jet Fuel Contaminated 18.98 tons

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # D

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs | Signature: [signature] | Month 03 Day 19 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: James Jackson | Signature: [signature] | Month 03 Day 19 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jenny Rivero | Signature: [signature] | Month 3 Day 19 Year 03

Printed by J. J. KELLER & ASSOCIATES, INC. Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 14:05

Tot # 212

[redacted]

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE ~~MANIFEST~~	1. Generator's US EPA ID No. N/A	Manifest Doc. No. 30236	2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address

49 CES/CEV
HWY 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

Bong Street
West POL Yard
El Paso, TX 79927

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
D n J Trucking	N/A	505-430-2455
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino Environmental (DP1051) 1.7 miles North of NM/TX state line HWY 54, Otero County, New Mexico	N/A	915-842-9911 800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	dump	20 Cyds	cy
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above

Exempt / Non-Hazardous / Jet Fuel Contaminated 21.16 tons

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Placement in Rhino Cell # D

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
David Scruggs	[signature]	03	14	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
James Jackson	[signature]	03	14	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivera	[signature]	3	14	03

Printed by J. J. KELLER & ASSOCIATES, INC. Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

12 BLS-C5 Rev. 12/98

Time 14:18

Tek # 210

Please print or type
(Form designed for use on elite (12-pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A

Manifest Doc. No.: 3.0.73.H

2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49 CES/CEV
HWY 70
Holloman AFB, NM 88330

4. Generator's Phone (505) 572-3931

Bong Street
West POL Yard
El Paso, TX 79927

5. Transporter 1 Company Name: D n J Trucking

6. US EPA ID Number: N/A

A. Transporter's Phone: 505-430-2455

7. Transporter 2 Company Name:

8. US EPA ID Number:

B. Transporter's Phone:

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico

10. US EPA ID Number: N/A

C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	dump	20 cyds	cy
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Jet Fuel Contaminated 21.60 tons

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # D

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs
Signature: David Scruggs
Month 03 Day 14 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Charles E Woods
Signature: Charles E Woods
Month 3 Day 14 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: P.O. Box 693, La Luz, NM 88337

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jenny Rivero
Signature:
Month 3 Day 14 Year 03

Printed by E.J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Time 14:50 Tel# 5502

Please print or type.
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: 30.73.I
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address
49 CES/CEV
HWY 70
Holloman AFB, NM 88330

Bong Street
West POL Yard
El Paso, TX 79927

4. Generator's Phone (505) 572-3931

5. Transporter 1 Company Name: Rhino Environmental
6. US EPA ID Number: N/A
A. Transporter's Phone: 915-852-9911

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Rhino Environmental (DP1051)
1.7 miles North of NM/TX state line
HWY 54, Otero County, New Mexico
10. US EPA ID Number: N/A
C. Facility's Phone
915-842-9911
800-762-0241

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hydrocarbon Impacted Soil	1	dump	20 cyds	cy
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Exempt / Non-Hazardous / Jet Fuel Contaminated 27.77 tons

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Placement in Rhino Cell # D

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: David Scruggs
Signature: [signature]
Month 03 Day 14 Year 03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Jerry Rivera
Signature: [signature]
Month 3 Day 14 Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name
Signature
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 Address: 200 Sunset Dr., Suite D, El Paso, TX 79922

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jerry Rivera
Signature: [signature]
Month 3 Day 14 Year 03

Printed by J.J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

October 2006 Waste Manifests

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. NM6572124422	Manifest Doc. No. POL-001	2. Page 1 of 1	R&R Environmental

GENERATOR

3. Generator's Name and Mailing Address: HAFB ~~Attn: David Rizzuto~~ 49th CES/CEV, Highway 70, Holloman AFB, NM 88330

4. Generator's Phone (505) 430-3965

HAFB
Bong Street
West POL Yard

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Rhino Environmental Services, Inc.	NA	(915) 886-4355 or (800) 762-0241
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
NA	NA	NA
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP 1051 1.7 mls N of NM/TX state line Hwy 54, Otero County, NM	NA	(915) 886-4355 or (800) 762-0241 Fax: (915) 886-4358

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-Hazardous Hydrocarbon Impacted Soil	1	Dump	20	yd^3
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Non-RCRA, Non-Hazardous Jet Fuel Impacted Soil

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Cell E

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: GEORGE T. FISH — Signature — Month 10 Day 23 Year 06

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Jerry Rivera ~~Gustavo Esparza~~ – Truck ~~524~~ 525 — Signature — Month 10 Day 23 Year 06

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Month Day Year

FACILITY

19. Discrepancy Indication Space

Line 5 address: PO Box 310, Canutillo, TX 79835

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jose — Signature — Month 10 Day 23 Year 06

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Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. NM6572124422	Manifest Doc. No. POL-002	2. Page 1 of 1	R&R Environmental

GENERATOR

3. Generator's Name and Mailing Address: HAFB ~~Attn: David Rizzuto~~ 49th CES/CEV Highway 70 Holloman AFB, NM 88330

4. Generator's Phone (505 430-3965

HAFB Bong Street West POL Yard

5. Transporter 1 Company Name: Rhino Environmental Services, Inc.
6. US EPA ID Number: NA
A. Transporter's Phone: (915) 886-4355 or (800) 762-0241

7. Transporter 2 Company Name: NA
8. US EPA ID Number: NA
B. Transporter's Phone: NA

9. Designated Facility Name and Site Address: Rhino's DP 1051, 1.7 mls N of NM/TX state line, Hwy 54, Otero County, NM
10. US EPA ID Number: NA
C. Facility's Phone: (915) 886-4355 or (800) 762-0241, Fax: (915) 886-4358

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-Hazardous Hydrocarbon Impacted Soil	1	Dump	20	yd³
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Non-RCRA Non-Hazardous Jet Fuel Impacted Soil

E. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information: **Cell E**

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: George T Fisk — Signature — Month 10 Day 23 Year 06

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Jerry Rivera ~~Gustavo Espinoza Truck 524~~ — Signature — Month 10 Day 23 Year 06

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Month Day Year

FACILITY

19. Discrepancy Indication Space

Line 5 address: PO Box 310, Canutillo, TX 79835

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jose Ortega — Signature — Month 10 Day 23 Year 06

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. NM6572124422	Manifest Doc. No. POL-003	2. Page 1 of 1	R&R Environmental

GENERATOR

3. Generator's Name and Mailing Address: HAFB ~~Attn: David Rizzuto~~ 49th CES/CEV, Highway 70, Holloman AFB, NM 88330

4. Generator's Phone (505 430-3965

HAFB
Bong Street
West POL Yard

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Rhino Environmental Services, Inc.	NA	(915) 886-4355 or (800) 762-0241
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
NA	NA	NA
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP 1051 1.7 mls N of NM/TX state line Hwy 54, Otero County, NM	NA	(915) 886-4355 or (800) 762-0241 Fax: (915) 886-4358

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-Hazardous Hydrocarbon Impacted Soil	1	Dump	20	yd^3
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Non-RCRA, Non-Hazardous Jet Fuel Impacted Soil

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

Cell E

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: GEORGE T FISL — Signature: [signature] — Month Day Year: 10 23 06

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: JERRY RIVERA ~~Gustavo Esparza - Truck 524~~ RSC — Signature: [signature] — Month Day Year: 10 23 06

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name: — Signature: — Month Day Year:

FACILITY

19. Discrepancy Indication Space

Line 5 address: PO Box 310, Canutillo, TX 79835

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jose Pedro — Signature: [signature] — Month Day Year: 10 23 06

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Neenah, WI 54957-0368

12-BLS-C5 Rev. 12/98

ORIGINAL – RETURN TO GENERATOR

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. NM6572124422	Manifest Doc. No. POL-004	2. Page 1 of 1	R&R Environmental

GENERATOR

3. Generator's Name and Mailing Address: HAFB ~~Attn: David Rizzuto~~ 49th CES/CEV, Highway 70, Holloman AFB, NM 88330

4. Generator's Phone (505 430-3965

HAFB
Bong Street
West POL Yard

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Rhino Environmental Services, Inc.	NA	(915) 886-4355 or (800) 762-0241
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
NA	NA	NA
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP 1051 1.7 mls N of NM/TX state line Hwy 54, Otero County, NM	NA	(915) 886-4355 or (800) 762-0241 Fax: (915) 886-4358

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-Hazardous Hydrocarbon Impacted Soil	1	Dump	20	yd³
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Non-RCRA, Non-Hazardous Jet Fuel Impacted Soil

E. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information

Cell E

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: George T Fisk — Signature: [signature] — Month 10 Day 23 Year 06

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Gustavo Esparza – Truck 524 — Signature: Gustavo Esparza — Month 10 Day 23 Year 06

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name: — Signature: — Month Day Year

FACILITY

19. Discrepancy Indication Space

Line 5 address: PO Box 310, Canutillo, TX 79835

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jose Pelo — Signature: [signature] — Month 10 Day 23 Year 06

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Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. NM6572124422	Manifest Doc. No. POL-005	2. Page 1 of 1	R&R Environmental

GENERATOR

3. Generator's Name and Mailing Address: HAFB ~~Attn: David Rizzuto~~ 49th CES/CEV, Highway 70, Holloman AFB, NM 88330

4. Generator's Phone (505 430-3965

HAFB
Bong Street
West POL Yard

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Rhino Environmental Services, Inc.	NA	(915) 886-4355 or (800) 762-0241
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
NA	NA	NA
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP 1051 1.7 mls N of NM/TX state line Hwy 54, Otero County, NM	NA	(915) 886-4355 or (800) 762-0241 Fax: (915) 886-4358

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-Hazardous Hydrocarbon Impacted Soil	1	Dump	20	yd³
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Non-RCRA, Non-Hazardous Jet Fuel Impacted Soil

E. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information

Cell E

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: George T. Fish — Signature — Month 10 Day 24 Year 06

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Joey Rivas ~~Gustavo Esparza – Truck 524 256~~ — Signature — Month 10 Day 24 Year 06

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Month Day Year

FACILITY

19. Discrepancy Indication Space

Line 5 address: PO Box 310, Canutillo, TX 79835

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jose Gallo — Signature — Month 10 Day 24 Year 06

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Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Please print or type
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NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. NM6572124422	Manifest Doc. No. POL-006	2. Page 1 of 1	R&R Environmental

GENERATOR

3. Generator's Name and Mailing Address: HAFB ~~Attn: David Rizzuto~~ 49th CES/CEV, Highway 70, Holloman AFB, NM 88330

4. Generator's Phone (505 430-3965)

HAFB
Bong Street
West POL Yard

5. Transporter 1 Company Name: Rhino Environmental Services, Inc.
6. US EPA ID Number: NA
A. Transporter's Phone: (915) 886-4355 or (800) 762-0241

7. Transporter 2 Company Name: NA
8. US EPA ID Number: NA
B. Transporter's Phone: NA

9. Designated Facility Name and Site Address: Rhino's DP 1051, 1.7 mis N of NM/TX state line, Hwy 54, Otero County, NM
10. US EPA ID Number: NA
C. Facility's Phone: (915) 886-4355 or (800) 762-0241, Fax: (915) 886-4358

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-Hazardous Hydrocarbon Impacted Soil	1	Dump	20	yd³
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Non-RCRA, Non-Hazardous Jet Fuel Impacted Soil

E. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information: **Cell E**

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: George T Fish | Signature | Month 10 Day 24 Year 06

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Jerry Rivero - Truck 525 | Signature | Month 10 Day 24 Year 06

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

FACILITY

19. Discrepancy Indication Space

Line 5 address: PO Box 310, Canutillo, TX 79835

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: Jose Gale | Signature | Month 10 Day 24 Year 06

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Neenah, WI 54957-0368

ORIGINAL – RETURN TO GENERATOR

Please print or type
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NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: NM6572124422
Manifest Doc. No.: POL-007
2. Page 1 of 1
R&R Environmental

GENERATOR

3. Generator's Name and Mailing Address
HAFB
~~Attn: David Rizzuto~~ CES/CEV
Highway 70
Holloman AFB, NM 88330

4. Generator's Phone (505 430-3965

HAFB
Bong Street
West POL Yard

5. Transporter 1 Company Name: Rhino Environmental Services, Inc.
6. US EPA ID Number: NA
A. Transporter's Phone: (915) 886-4355 or (800) 762-0241

7. Transporter 2 Company Name: NA
8. US EPA ID Number: NA
B. Transporter's Phone: NA

9. Designated Facility Name and Site Address
Rhino's DP 1051
1.7 mls N of NM/TX state line
Hwy 54, Otero County, NM
10. US EPA ID Number: NA
C. Facility's Phone
(915) 886-4355 or (800) 762-0241
Fax: (915) 886-4358

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-Hazardous Hydrocarbon Impacted Soil	1	Dump	20	yd³
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Non-RCRA, Non-Hazardous Jet Fuel Impacted Soil

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Cell E

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name: George T. Fish
Signature:
Month 10 Day 25 Year 06

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Jerry Rivero - Truck 525
Signature:
Month 10 Day 25 Year 06

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name:
Signature:
Month Day Year

FACILITY

19. Discrepancy Indication Space
Line 5 address: PO Box 310
Canutillo, TX 79835

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name:
Signature:
Month 10 Day 25 Year 06

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ORIGINAL – RETURN TO GENERATOR

Please print or type
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NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. NM6572124422	Manifest Doc. No. POL-008	2. Page 1 of 1	R&R Environmental

GENERATOR

3. Generator's Name and Mailing Address: HAFB ~~Attn: David Rizzuto~~ 49th CES/CEV, Highway 70, Holloman AFB, NM 88330

4. Generator's Phone (505 430-3965

HAFB, Bong Street, West POL Yard

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
Rhino Environmental Services Inc.	NA	(915) 886-4355 or (800) 762-0241
7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
NA	NA	NA
9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
Rhino's DP 1051 1.7 mls N of NM/TX state line Hwy 54, Otero County, NM	NA	(915) 886-4355 or (800) 762-0241 Fax: (915) 886-4358

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-Hazardous Hydrocarbon Impacted Soil	1	Dump	20	yd^3
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above: Non-RCRA Non-Hazardous Jet Fuel Impacted Soil

E. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information

Cell E

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
George T Fish		10	25	2006

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Jerry Rivero - Truck 525		10	25	06

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

Line 5 address: PO Box 310, Canutillo, TX 79835

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Jose Jeda		10	25	06

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Neenah, WI 54957-0368

12-BLS-C5 Rev. 12/98

ORIGINAL – RETURN TO GENERATOR

APPENDIX G

TRUCK LOGS

OPERATOR: C. TAPOYA
DATE: 03/04/10
Truck No: ~~[illegible]~~ 5596

VIEW

PROJECT NO: [redacted]
FT31 LF CELL NOs:

SPILL Site [redacted] WPOL
HOLLOMAN AFB, NM 88330

Load Number	Time	Truck No:	Excavation Depth (ft)	PCS	FT31 LF Cell #	Volume (16 CY)		Clean Soil	Volume (16 CY)	Observations
35 (1)	13:05	5596	6-10'	PCS	D-4	Hauling				
36 (2)	13:43	5596						CS	Hauling	FROM SPILL LF31 TO WPOL
37										
38										
39										
40										
41										
42										
43										
44										
45										
46										
47										
48										
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61										
62										
63										
64										
65										
66										
67										
68										
TOTALS										

SIGNATURE: C. Tapoya

PAGE 1 of 1

OPERATOR: C. Troyb
DATE: 03/04/10
Truck No: 3070

NATION VIEW

PROJECT NO: 8090014.03.01
FT31 LF CELL NOs:

WEST POL
~~SPILL SITE SS61~~
HOLLOMAN AFB, NM 88330

Load Number	Time	Truck No:	Excavation Depth (ft)	PCS	FT31 LF Cell #	Volume (16 CY)		Clean Soil	Volume (16 CY)	Observations
1	013:05	3070		~~PCS~~		16cy		CS	#	STOC PILE ON SITE
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
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25										
26										
27										
28										
29										
30										
31										
32										
33										
34										
TOTALS										

SIGNATURE: [illegible]

OPERATOR: S. Harrison / C. Tapoy
DATE: 3-5-10
Truck No: 5596

NATION VIEW

PROJECT NO: 8090014.03.01
FT31 LF CELL NOs:

SPILL Site ~~S001~~ west POL
HOLLOMAN AFB, NM 88330

Load Number	Time	Truck No:	Excavation Depth (ft)	PCS	FT31 LF Cell #	Volume (16 CY)		Clean Soil	Volume (16 CY)	Observations
~~36~~ 1	0750	5596	6-10'	✓	D-4	16 CY				
~~37~~	0849							BASE	16 CY	for Backfill west POL
~~37~~	1358							BASE	16 CY	" "
38										
39										
40										
41										
42										
43										
44										
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64										
65										
66										
67										
68										
TOTALS										

SIGNATURE:

PAGE of

OPERATOR: C. Tafoya
DATE: 03/05/10
Truck No: 3070

NATION VIEW

PROJECT NO: 8090014.03.01
FT31 LF CELL NOs:

SPILL Site ~~SS81~~ WPOL
HOLLOMAN AFB, NM 88330

Load Number	Time	Truck No:	Excavation Depth (ft)	PCS	FT31 LF Cell #	Volume (16 CY)		Clean Soil	Volume (16 CY)	Observations
35 (1)	07:50	3070	6'-10'	PCS	D-4	16cy				
36 (2)	08:28	3070						3/4" Rock	16cy	FROM STOCK AT NF31 TO WPOL FOR BACKFILL
37										
38										
39										
40										
41										
42										
43										
44										
45										
46										
47										
48										
49										
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59										
60										
61										
62										
63										
64										
65										
66										
67										
68										
TOTALS										

SIGNATURE: Christopher M. Tafoya